

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
 Data File : VY021175.D
 Acq On : 12 Feb 2025 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025
 Supervised By :Semsettin Yesilyurt 02/13/2025

Quant Time: Feb 13 03:44:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	137768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	207078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	181398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	89486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	78614	55.694	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.380%			
35) Dibromofluoromethane	7.652	113	73852	55.649	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.300%			
50) Toluene-d8	10.115	98	279297	55.281	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.560%			
62) 4-Bromofluorobenzene	12.414	95	97030	58.786	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	65030	52.960	ug/l	98
3) Chloromethane	2.080	50	59773	49.331	ug/l	98
4) Vinyl Chloride	2.214	62	62820	51.510	ug/l	98
5) Bromomethane	2.611	94	36680	48.662	ug/l	96
6) Chloroethane	2.751	64	37405	51.523	ug/l	99
7) Trichlorofluoromethane	3.074	101	116119	52.262	ug/l	100
8) Diethyl Ether	3.464	74	35758	51.553	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.830	101	73252	52.530	ug/l	97
10) Methyl Iodide	4.019	142	78658	50.772	ug/l	90
11) Tert butyl alcohol	4.872	59	25507	266.659	ug/l	97
12) 1,1-Dichloroethene	3.806	96	67005	51.009	ug/l	92
13) Acrolein	3.665	56	29696	201.608	ug/l	96
14) Allyl chloride	4.397	41	118070	53.332	ug/l	94
15) Acrylonitrile	5.074	53	84027	290.919	ug/l	99
16) Acetone	3.879	43	67865	308.299	ug/l	94
17) Carbon Disulfide	4.123	76	203745	49.464	ug/l	99
18) Methyl Acetate	4.403	43	47335	61.256	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	185817	55.967	ug/l	99
20) Methylene Chloride	4.629	84	69981	51.140	ug/l	94
21) trans-1,2-Dichloroethene	5.135	96	75418	52.159	ug/l	92
22) Diisopropyl ether	6.037	45	251864	55.194	ug/l	98
23) Vinyl Acetate	5.976	43	726643	285.650	ug/l	98
24) 1,1-Dichloroethane	5.933	63	141344	52.868	ug/l	98
25) 2-Butanone	6.909	43	111144	307.258	ug/l	96
26) 2,2-Dichloropropane	6.903	77	133135	53.818	ug/l	97
27) cis-1,2-Dichloroethene	6.903	96	87479	52.561	ug/l	92
28) Bromochloromethane	7.262	49	56630	53.567	ug/l	98
29) Tetrahydrofuran	7.274	42	73676	301.003	ug/l	94
30) Chloroform	7.433	83	147069	53.555	ug/l	99
31) Cyclohexane	7.719	56	121876	50.622	ug/l	98
32) 1,1,1-Trichloroethane	7.634	97	137572	53.883	ug/l	99
36) 1,1-Dichloropropene	7.854	75	106460	54.160	ug/l	98
37) Ethyl Acetate	6.994	43	52310	60.662	ug/l	98
38) Carbon Tetrachloride	7.829	117	127497	55.511	ug/l	99
39) Methylcyclohexane	9.122	83	132359	55.049	ug/l	96
40) Benzene	8.091	78	312161	54.115	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	29607	59.347	ug/l	97
42) 1,2-Dichloroethane	8.171	62	89890	56.174	ug/l	96
43) Isopropyl Acetate	8.207	43	104365	60.910	ug/l	95
44) Trichloroethene	8.878	130	79255	53.179	ug/l	97
45) 1,2-Dichloropropane	9.152	63	74501	54.414	ug/l	100
46) Dibromomethane	9.244	93	42450	55.997	ug/l	97
47) Bromodichloromethane	9.433	83	112770	55.467	ug/l	96
48) Methyl methacrylate	9.231	41	47481	60.835	ug/l	94
49) 1,4-Dioxane	9.244	88	8495	1203.753	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	270407	313.830	ug/l	96
52) Toluene	10.182	92	199416	55.056	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	105422	57.747	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	121126	56.037	ug/l #	91
55) 1,1,2-Trichloroethane	10.585	97	55010	56.038	ug/l	98
56) Ethyl methacrylate	10.451	69	79084	60.220	ug/l	90
57) 1,3-Dichloropropane	10.725	76	96799	56.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	172726	276.464	ug/l	99
59) 2-Hexanone	10.768	43	180041	324.531	ug/l	95
60) Dibromochloromethane	10.920	129	76207	55.279	ug/l	99
61) 1,2-Dibromoethane	11.024	107	52484	57.079	ug/l	97
64) Tetrachloroethene	10.658	164	70929	52.672	ug/l	98
65) Chlorobenzene	11.450	112	216635	53.634	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	78133	54.433	ug/l	98
67) Ethyl Benzene	11.530	91	390698	54.688	ug/l	99
68) m/p-Xylenes	11.639	106	290827	108.817	ug/l	96
69) o-Xylene	11.963	106	138164	55.448	ug/l	97
70) Styrene	11.981	104	232994	56.102	ug/l	98
71) Bromoform	12.139	173	46048	57.634	ug/l #	99
73) Isopropylbenzene	12.261	105	376275	53.830	ug/l	100
74) N-amyl acetate	12.078	43	89288	58.425	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.517	83	64272	55.286	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	45410m	55.941	ug/l	
77) Bromobenzene	12.542	156	83783	51.940	ug/l	95
78) n-propylbenzene	12.603	91	456699	54.847	ug/l	99
79) 2-Chlorotoluene	12.688	91	254698	53.405	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	308186	54.379	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	23635	59.411	ug/l	97
82) 4-Chlorotoluene	12.786	91	260069	53.522	ug/l	100
83) tert-Butylbenzene	13.005	119	270045	52.422	ug/l	94
84) 1,2,4-Trimethylbenzene	13.054	105	307884	55.561	ug/l	99
85) sec-Butylbenzene	13.188	105	402339	54.258	ug/l	98
86) p-Isopropyltoluene	13.304	119	339644	55.140	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	167634	53.821	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	163305	53.251	ug/l	99
89) n-Butylbenzene	13.627	91	317217	56.451	ug/l	99
90) Hexachloroethane	13.889	117	68764	53.512	ug/l	86
91) 1,2-Dichlorobenzene	13.670	146	143042	52.913	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	10399	59.859	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	85975	57.136	ug/l	98
94) Hexachlorobutadiene	15.035	225	54608	54.763	ug/l	99
95) Naphthalene	15.157	128	147831	61.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	71100	56.777	ug/l	96

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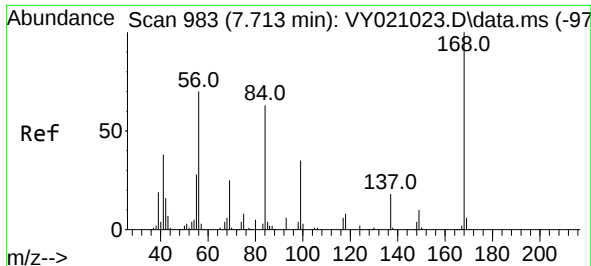
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 02/13/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

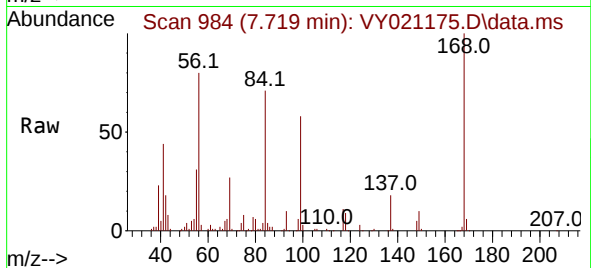
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021175.D
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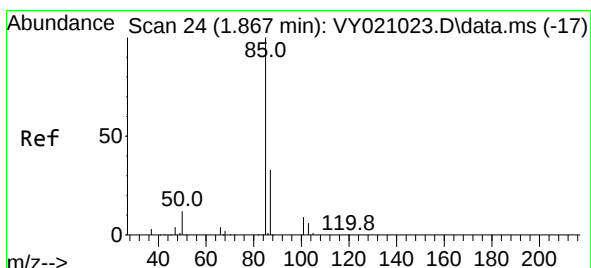
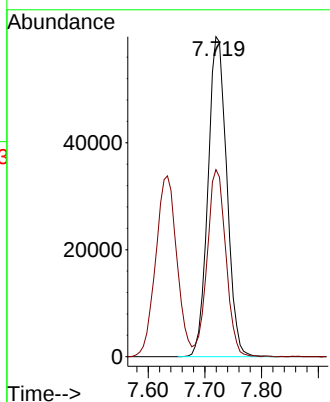
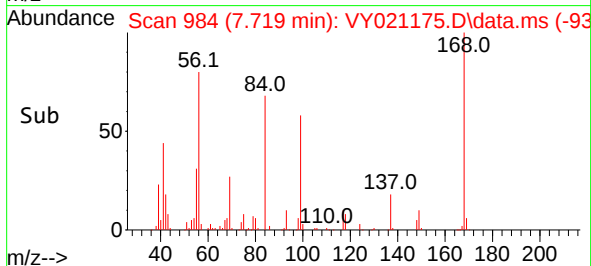
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 137768
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4

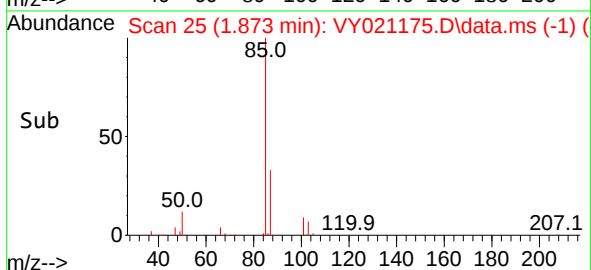
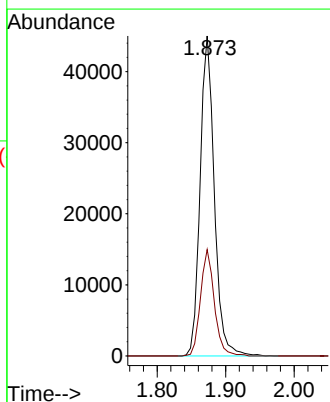
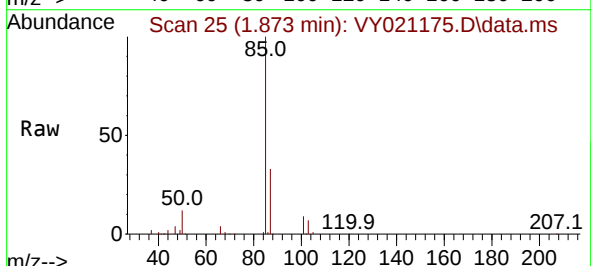
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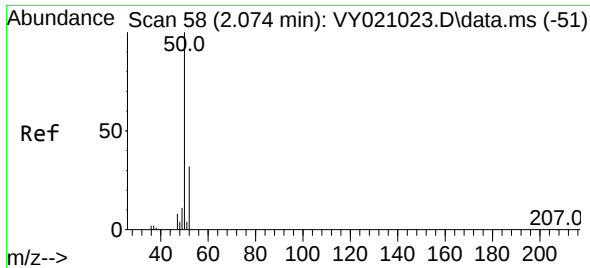
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#2
Dichlorodifluoromethane
Concen: 52.960 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

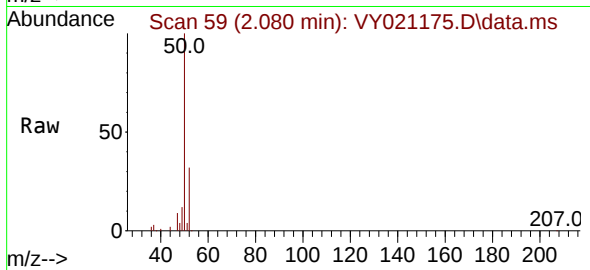
Tgt Ion: 85 Resp: 65030
Ion Ratio Lower Upper
85 100
87 33.3 17.1 51.3





#3
Chloromethane
Concen: 49.331 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

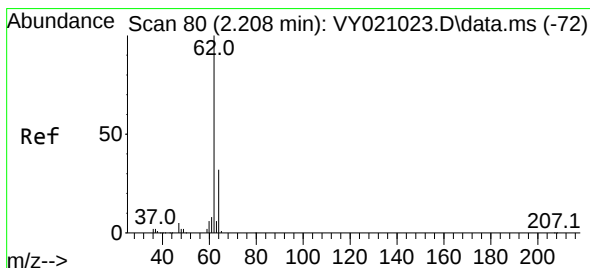
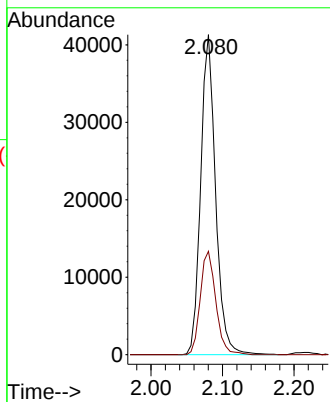
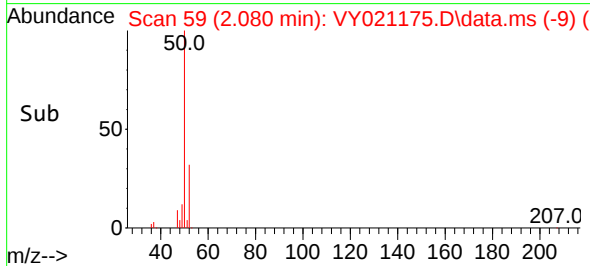
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 5977
Ion Ratio Lower Upper
50 100
52 32.3 26.7 40.1

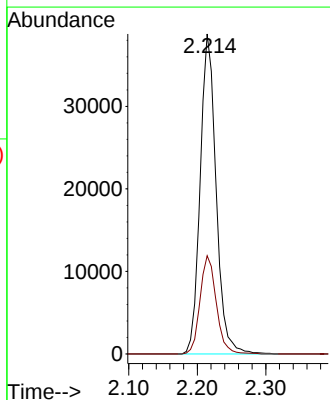
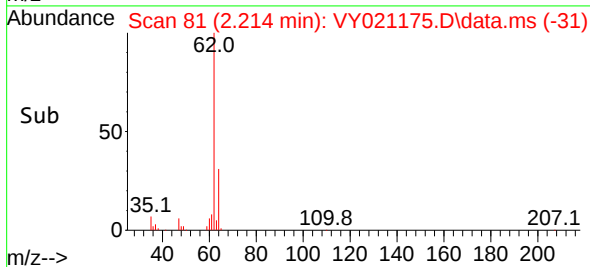
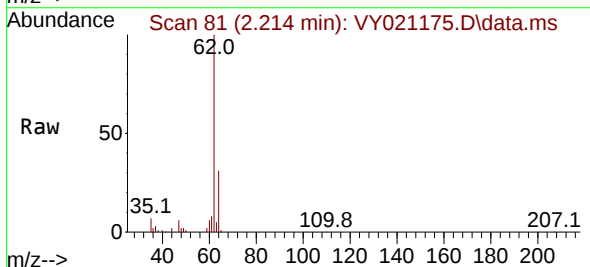
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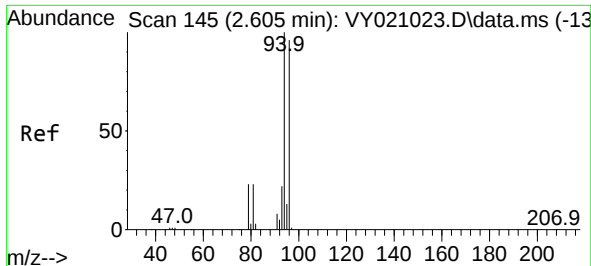
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#4
Vinyl Chloride
Concen: 51.510 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

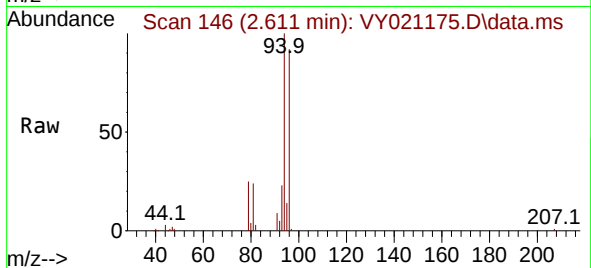
Tgt Ion: 62 Resp: 62820
Ion Ratio Lower Upper
62 100
64 30.7 25.7 38.5





#5
Bromomethane
Concen: 48.662 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

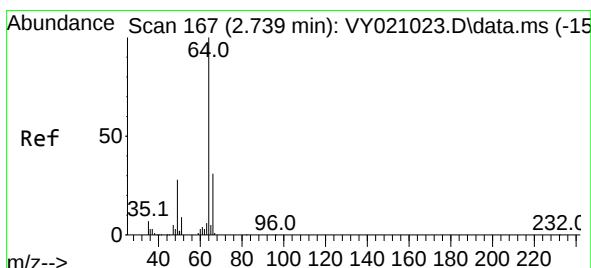
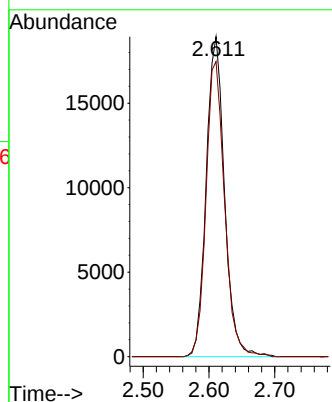
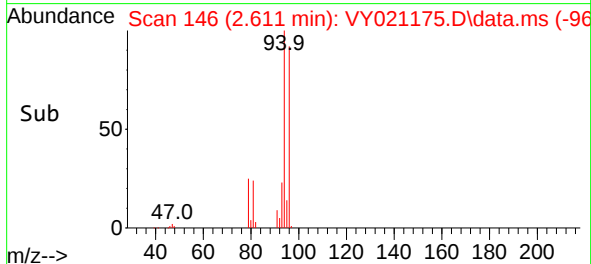
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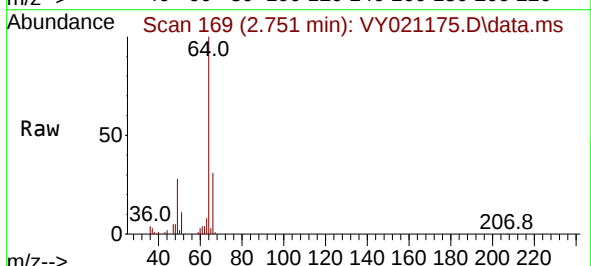
Tgt Ion: 94 Resp: 36680
Ion Ratio Lower Upper
94 100
96 92.3 77.3 115.9

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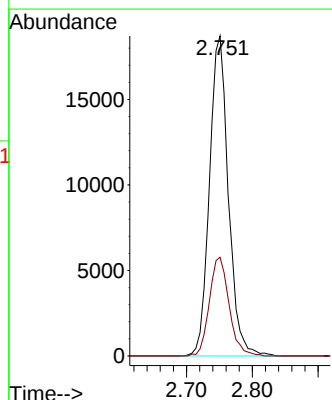
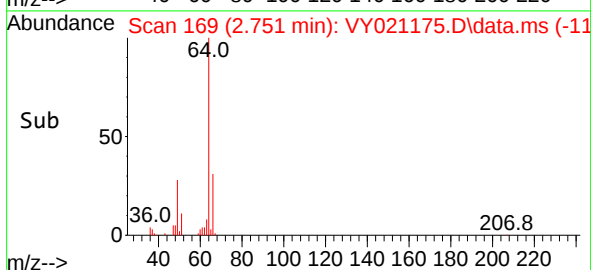
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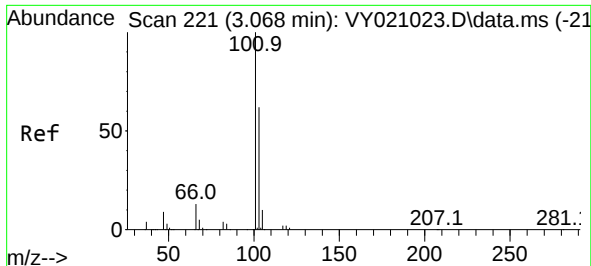


#6
Chloroethane
Concen: 51.523 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021175.D
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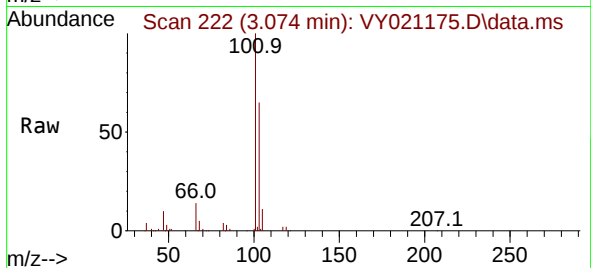
Tgt Ion: 64 Resp: 37405
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 52.262 ug/l
 RT: 3.074 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY021175.D
 Acq: 12 Feb 2025 09:54

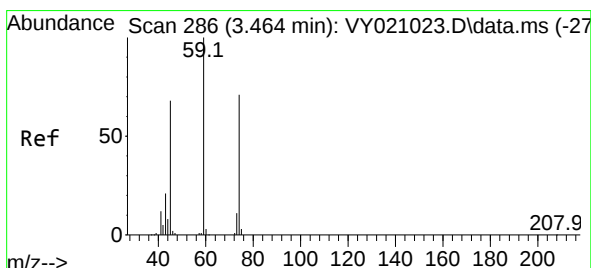
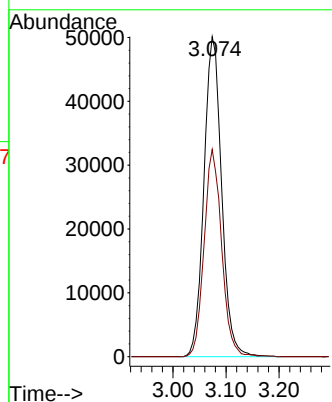
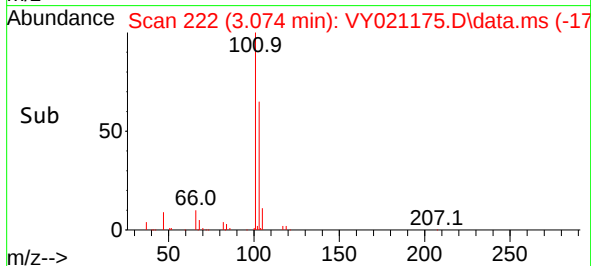
Instrument :
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Tgt Ion:101 Resp: 116119
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.9 77.9

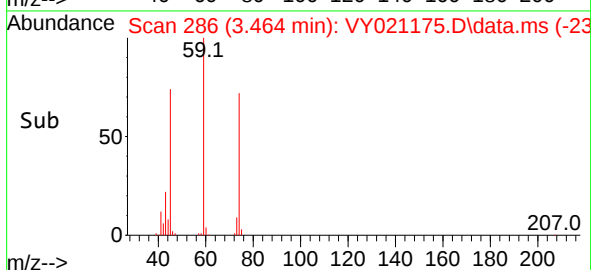
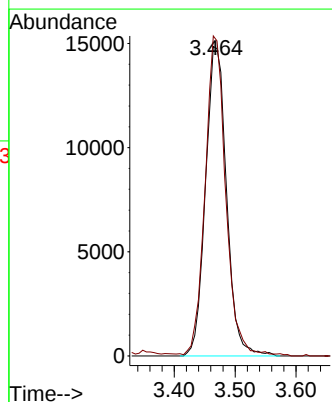
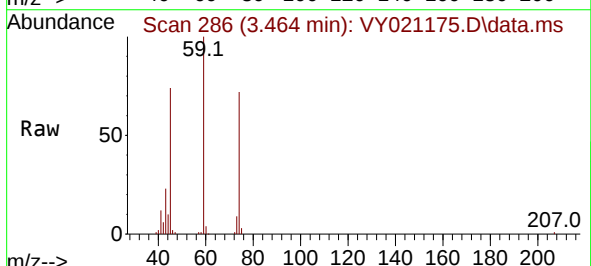
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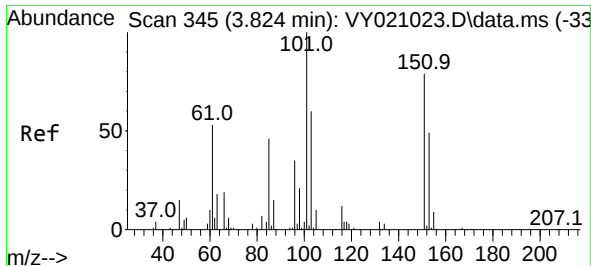
Reviewed By :Mahesh Dadoda 02/13/2025
 Supervised By :Semsettin Yesilyurt 02/13/2025



#8
 Diethyl Ether
 Concen: 51.553 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY021175.D
 Acq: 12 Feb 2025 09:54

Tgt Ion: 74 Resp: 35758
 Ion Ratio Lower Upper
 74 100
 45 101.8 47.9 143.7





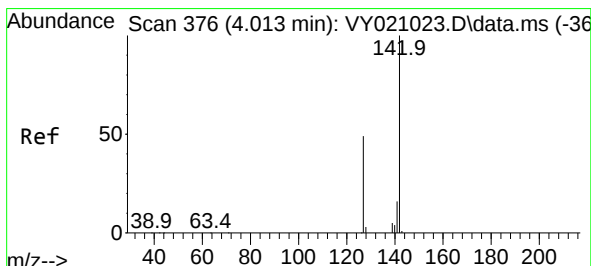
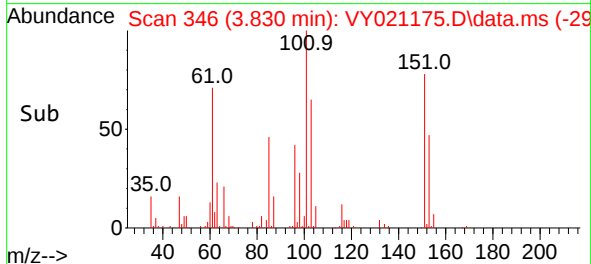
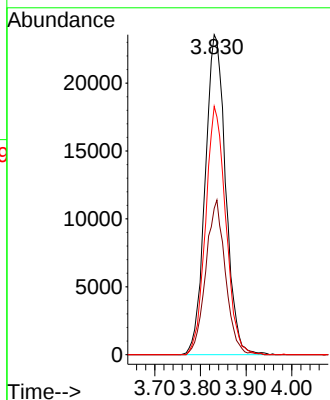
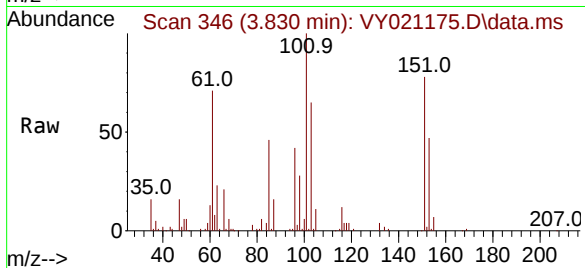
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.530 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7325
Ion Ratio Lower Upper
101 100
85 46.5 35.8 53.6
151 76.4 58.6 88.0

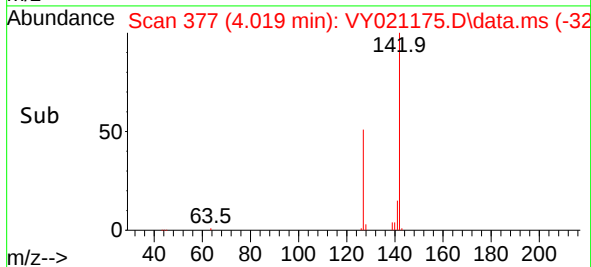
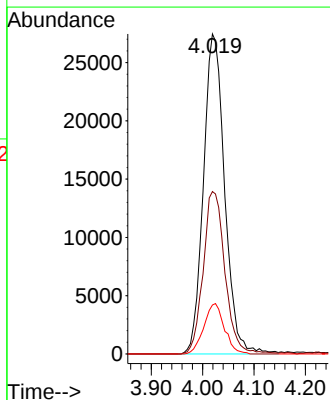
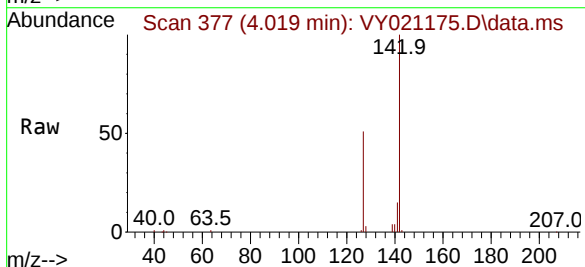
Manual Integrations
APPROVED

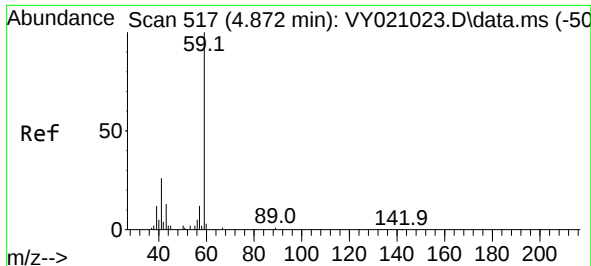
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#10
Methyl Iodide
Concen: 50.772 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

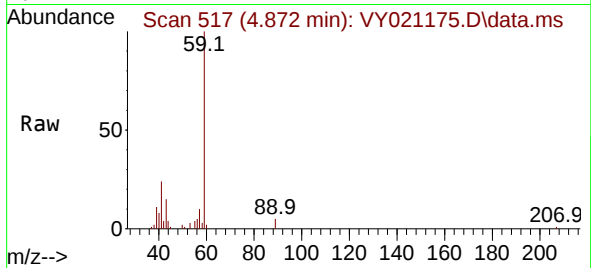
Tgt Ion:142 Resp: 78658
Ion Ratio Lower Upper
142 100
127 52.0 35.1 52.7
141 15.2 11.8 17.6





#11
Tert butyl alcohol
Concen: 266.659 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

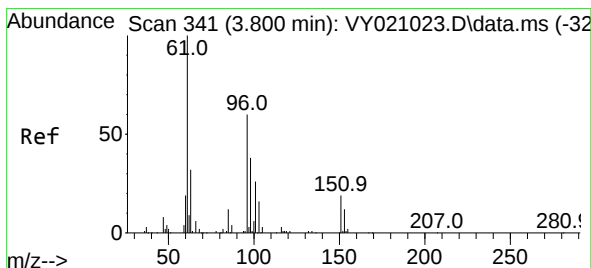
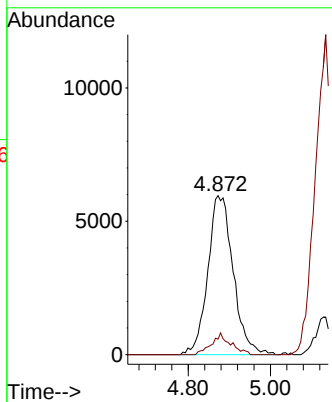
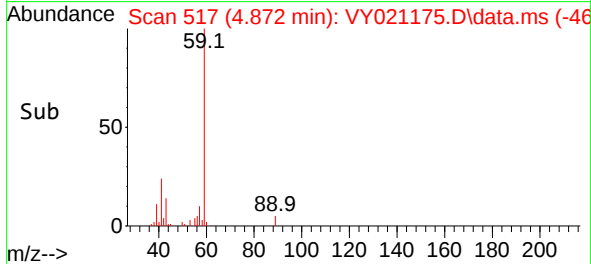
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



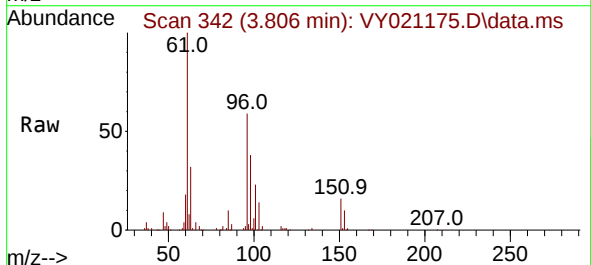
Tgt Ion: 59 Resp: 2550
Ion Ratio Lower Upper
59 100
57 10.2 7.4 11.0

Manual Integrations
APPROVED

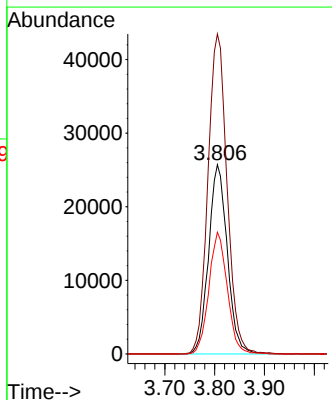
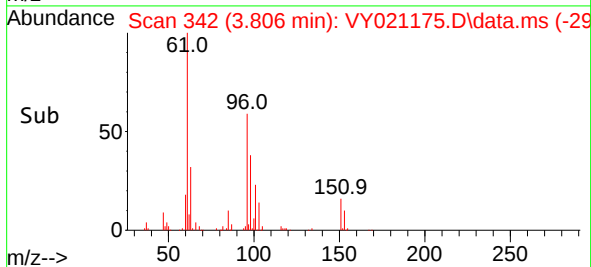
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025

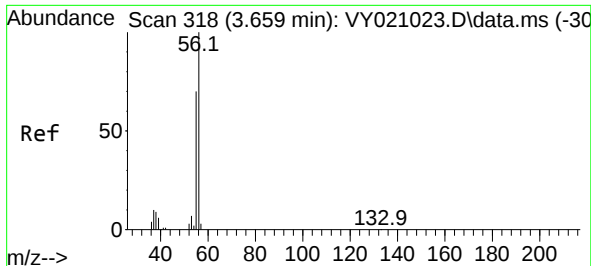


#12
1,1-Dichloroethene
Concen: 51.009 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54



Tgt Ion: 96 Resp: 67005
Ion Ratio Lower Upper
96 100
61 169.1 124.2 186.2
98 64.4 52.6 79.0





#13

Acrolein

Concen: 201.608 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 29690

Ion Ratio Lower Upper

56 100

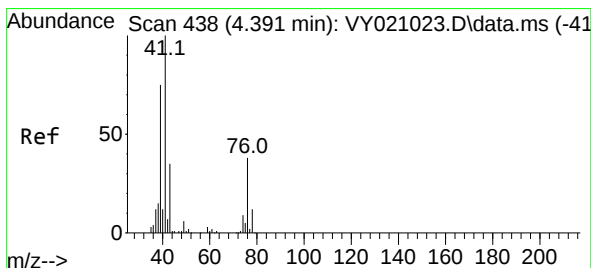
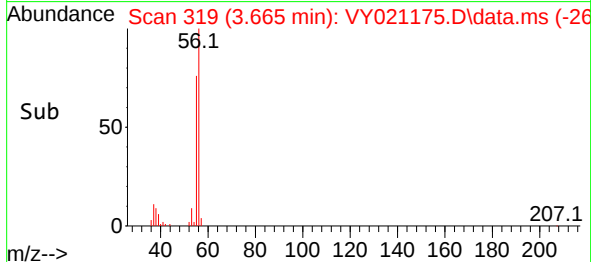
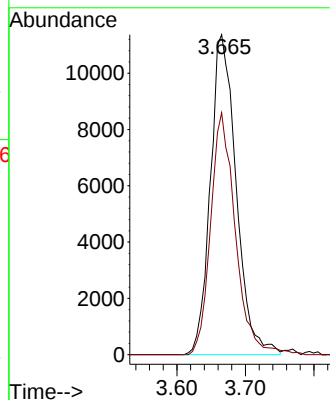
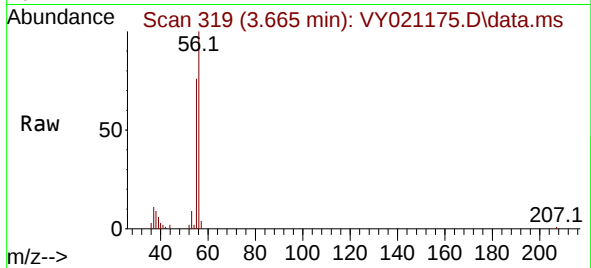
55 72.6 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025

Supervised By :Semsettin Yesilyurt 02/13/2025



#14

Allyl chloride

Concen: 53.332 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

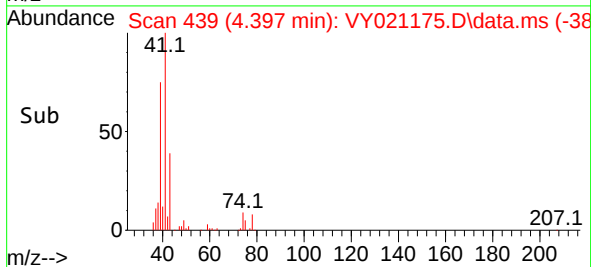
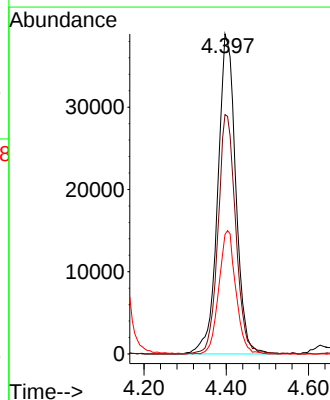
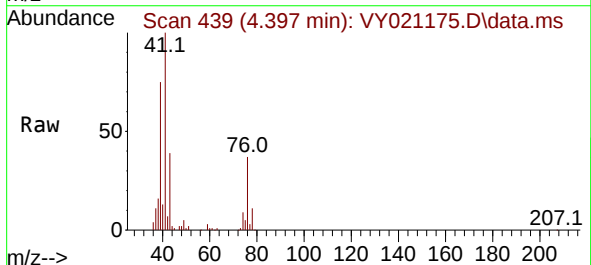
Tgt Ion: 41 Resp: 118070

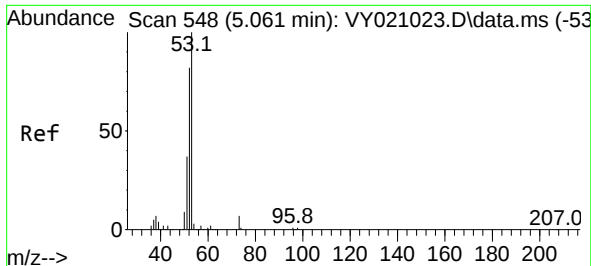
Ion Ratio Lower Upper

41 100

39 73.4 54.7 82.1

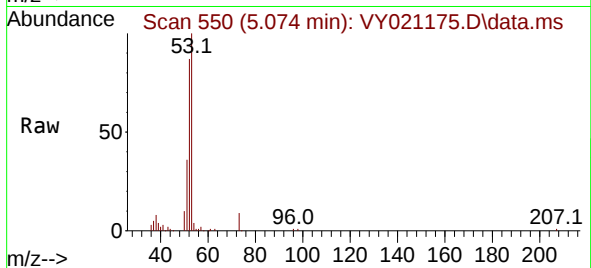
76 36.4 31.8 47.6





#15
Acrylonitrile
Concen: 290.919 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

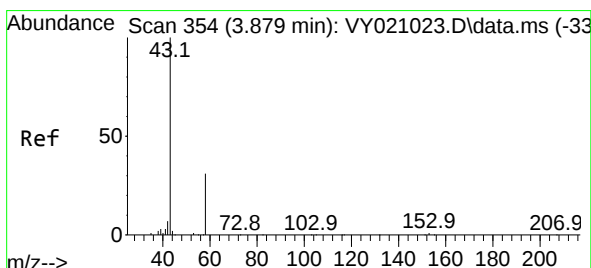
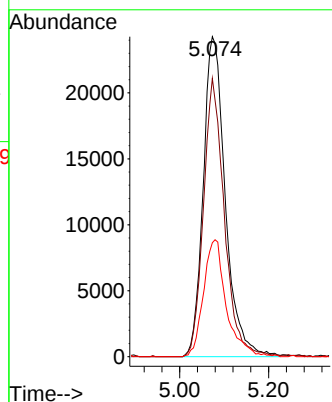
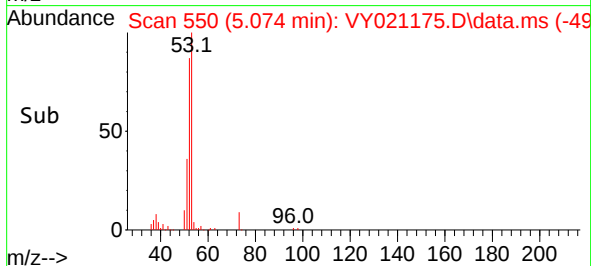
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 8402
Ion Ratio Lower Upper
53 100
52 82.2 65.1 97.7
51 37.7 29.0 43.4

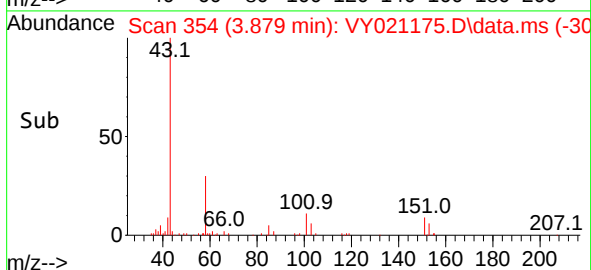
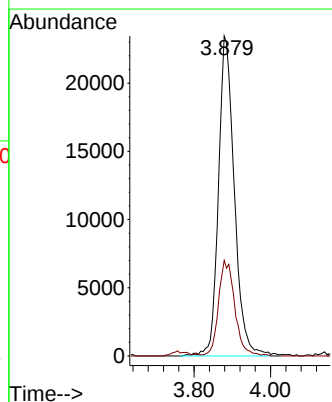
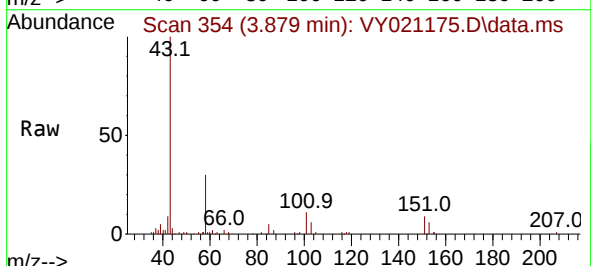
Manual Integrations
APPROVED

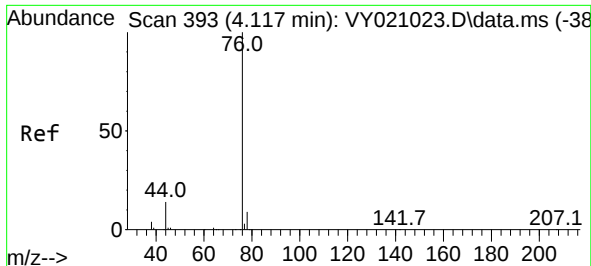
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#16
Acetone
Concen: 308.299 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

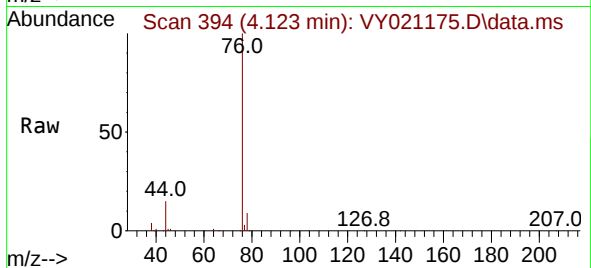
Tgt Ion: 43 Resp: 67865
Ion Ratio Lower Upper
43 100
58 29.8 26.6 39.8





#17
Carbon Disulfide
Concen: 49.464 ug/l
RT: 4.123 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

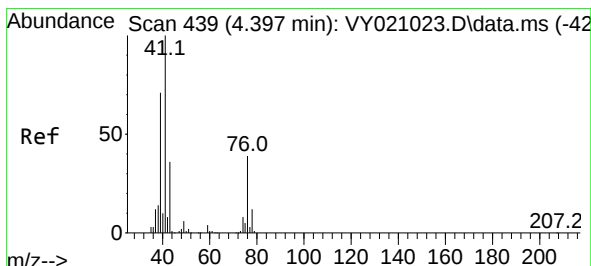
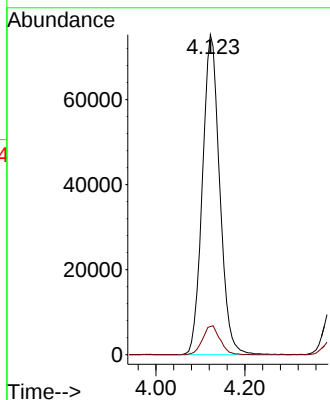
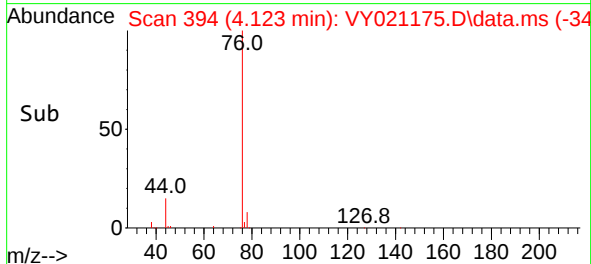
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 203745
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

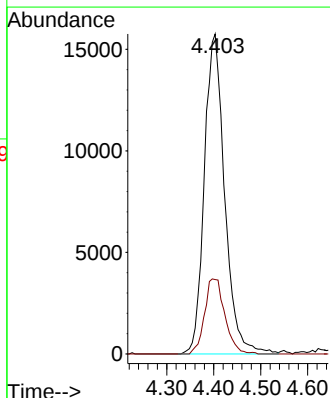
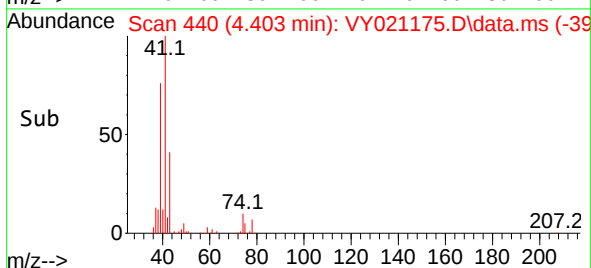
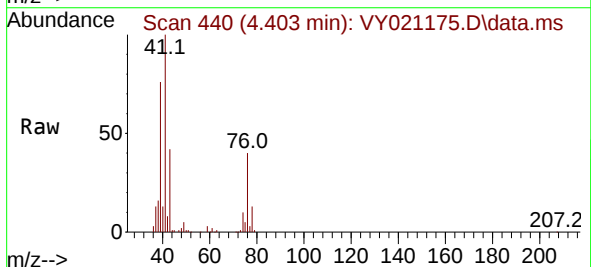
Manual Integrations
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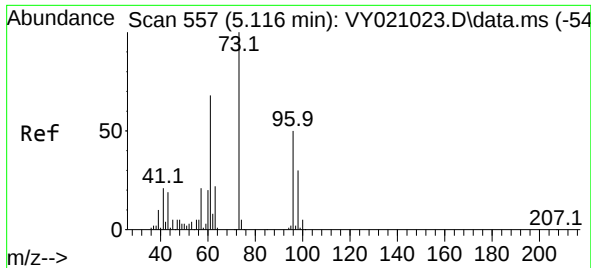
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#18
Methyl Acetate
Concen: 61.256 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

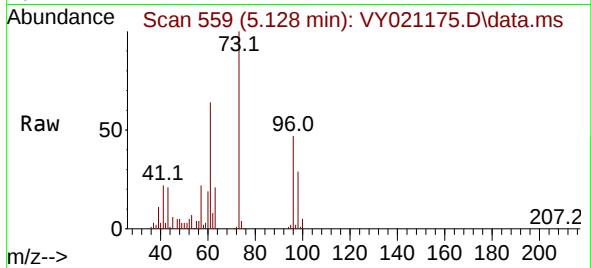
Tgt Ion: 43 Resp: 47335
Ion Ratio Lower Upper
43 100
74 23.4 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 55.967 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

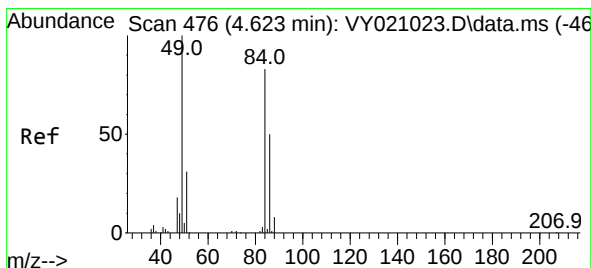
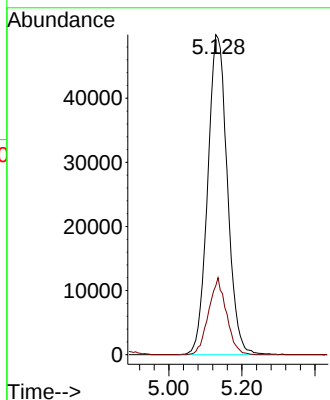
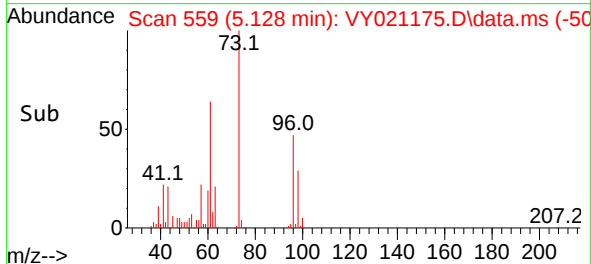
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 18581
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

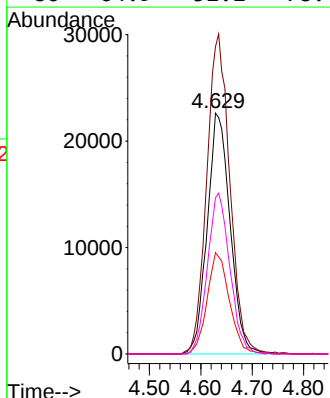
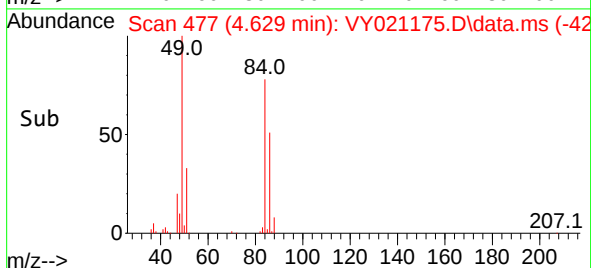
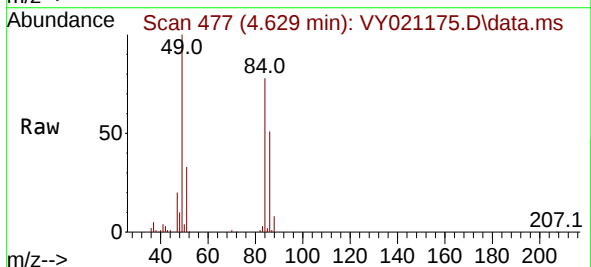
Manual Integrations
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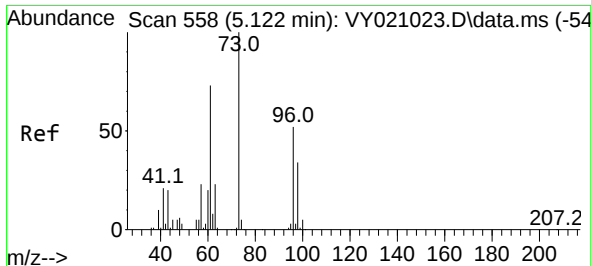
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#20
Methylene Chloride
Concen: 51.140 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

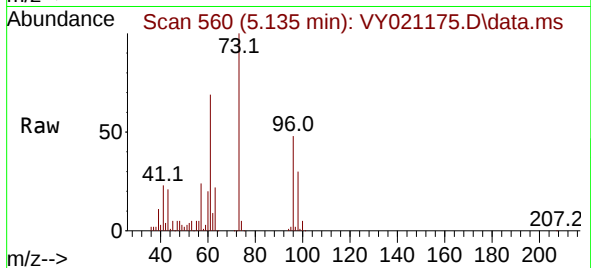
Tgt Ion: 84 Resp: 69981
Ion Ratio Lower Upper
84 100
49 127.5 95.2 142.8
51 42.1 29.9 44.9
86 64.9 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 52.159 ug/l
RT: 5.135 min Scan# 501
Delta R.T. 0.012 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

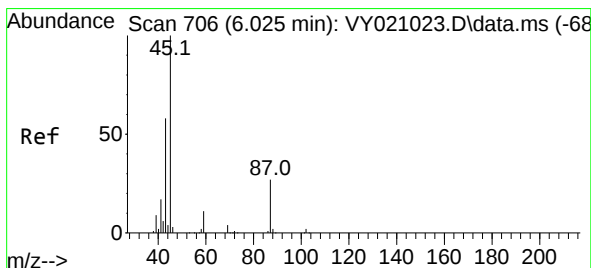
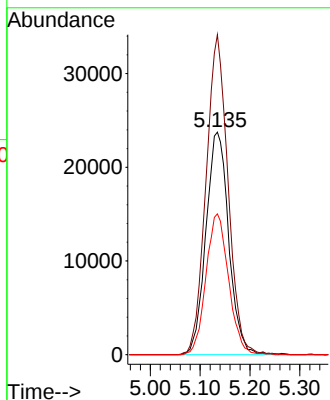
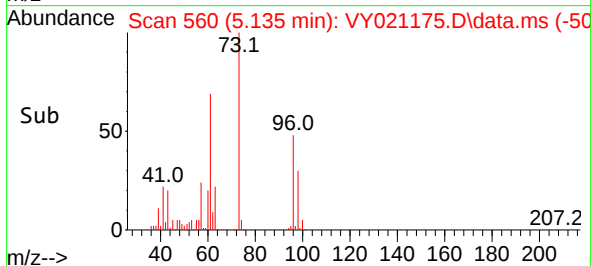
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 75418
Ion Ratio Lower Upper
96 100
61 143.7 104.6 156.8
98 63.2 50.9 76.3

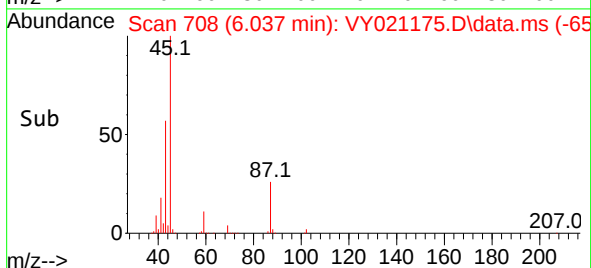
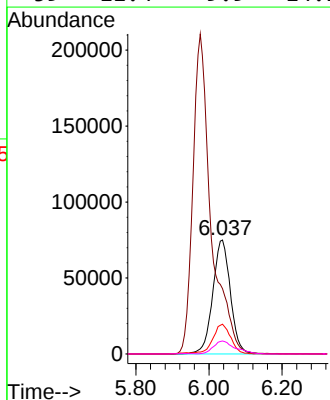
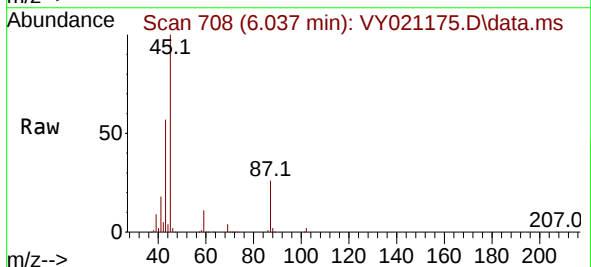
Manual Integrations
APPROVED

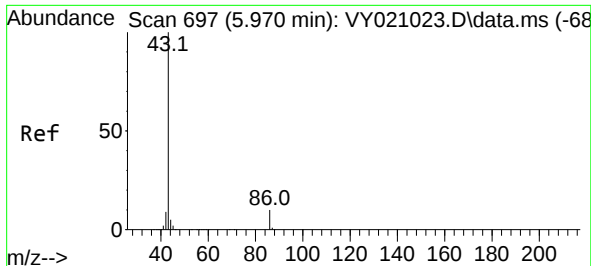
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#22
Diisopropyl ether
Concen: 55.194 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Tgt Ion: 45 Resp: 251864
Ion Ratio Lower Upper
45 100
43 56.9 46.8 70.2
87 26.1 22.2 33.2
59 11.4 9.9 14.9





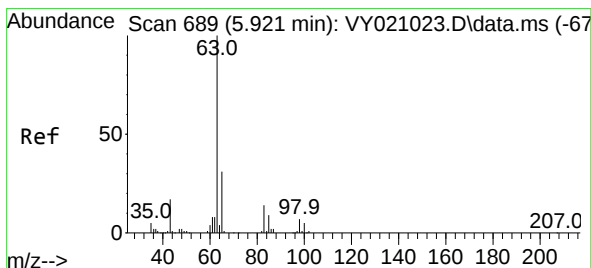
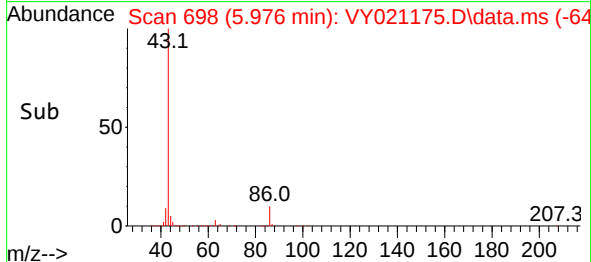
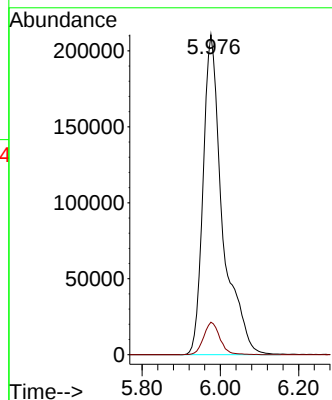
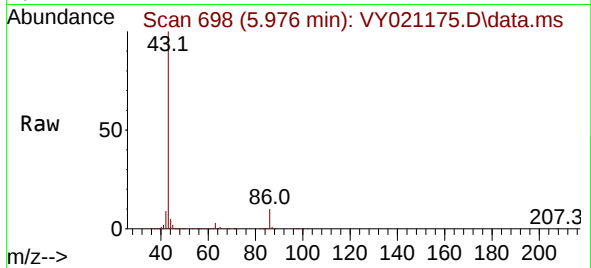
#23
 Vinyl Acetate
 Concen: 285.650 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY021175.D
 Acq: 12 Feb 2025 09:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 72664
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 13.0

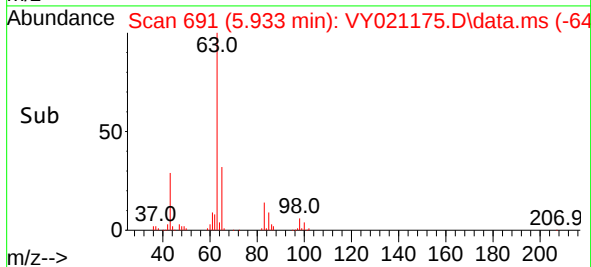
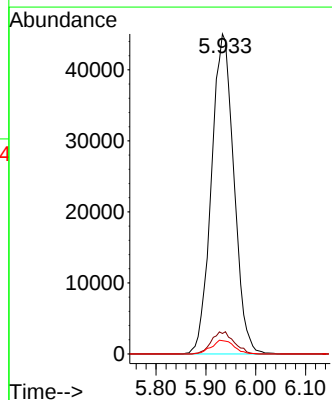
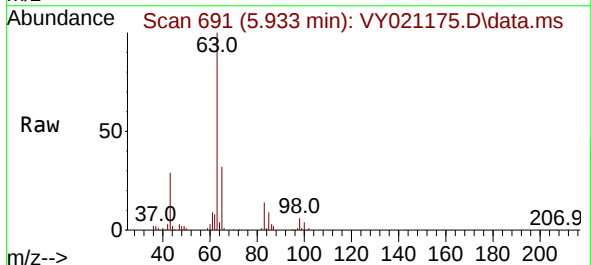
Manual Integrations
 APPROVED

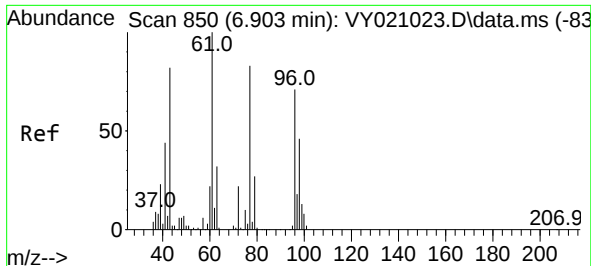
Reviewed By :Mahesh Dadoda 02/13/2025
 Supervised By :Semsettin Yesilyurt 02/13/2025



#24
 1,1-Dichloroethane
 Concen: 52.868 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY021175.D
 Acq: 12 Feb 2025 09:54

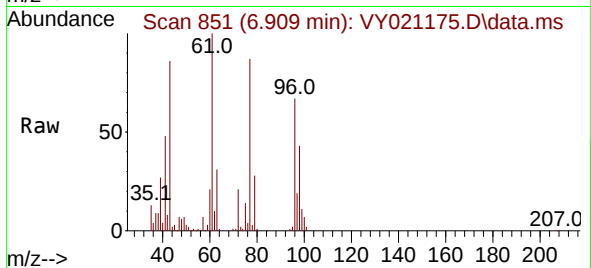
Tgt Ion: 63 Resp: 141344
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 4.2 2.1 6.2





#25
2-Butanone
Concen: 307.258 ug/l
RT: 6.909 min Scan# 811
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

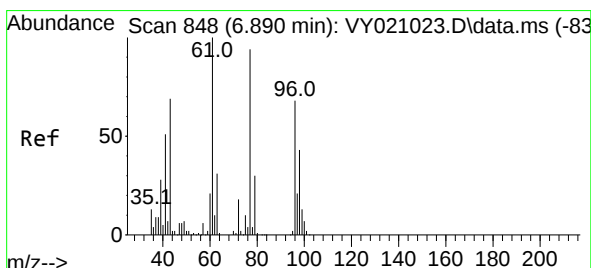
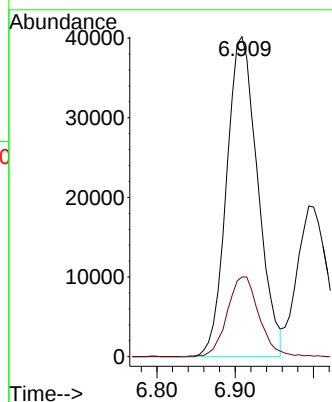
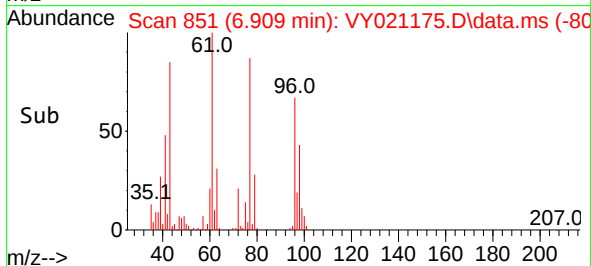
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



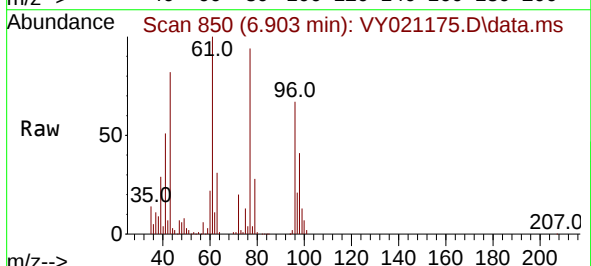
Tgt Ion: 43 Resp: 111144
Ion Ratio Lower Upper
43 100
72 24.9 21.4 32.2

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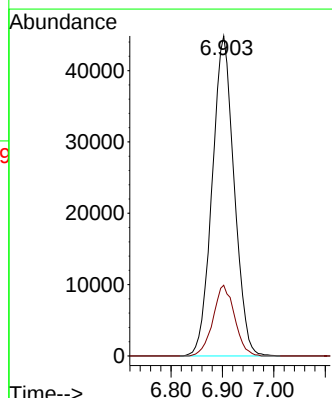
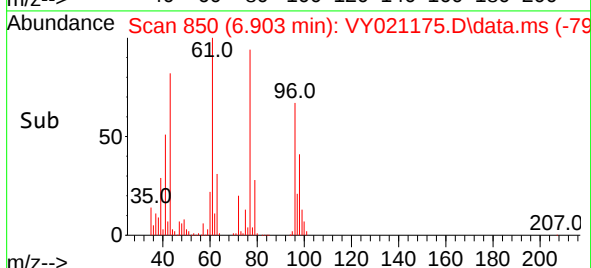
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025

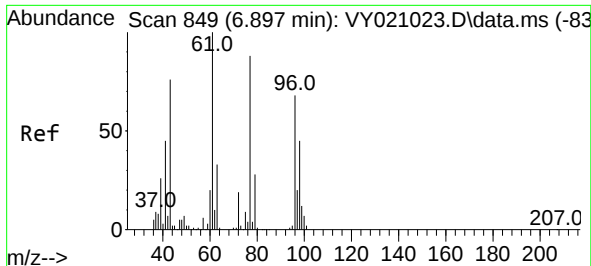


#26
2,2-Dichloropropane
Concen: 53.818 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54



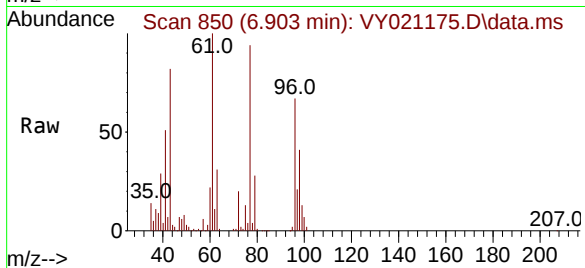
Tgt Ion: 77 Resp: 133135
Ion Ratio Lower Upper
77 100
97 21.7 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 52.561 ug/l
 RT: 6.903 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021175.D
 Acq: 12 Feb 2025 09:54

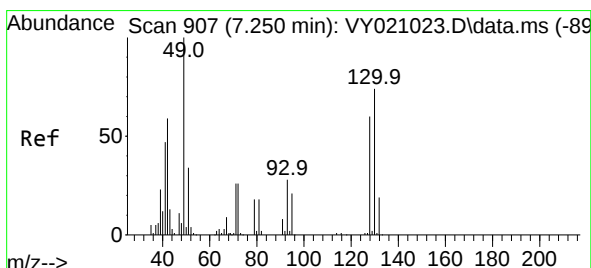
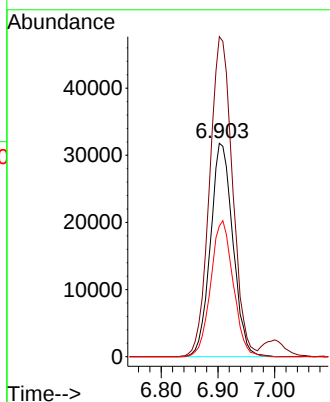
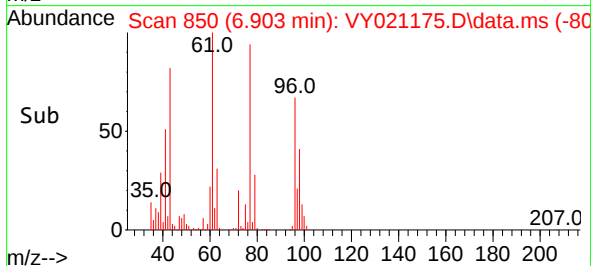
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 87479
 Ion Ratio Lower Upper
 96 100
 61 153.3 0.0 278.8
 98 63.7 0.0 127.0

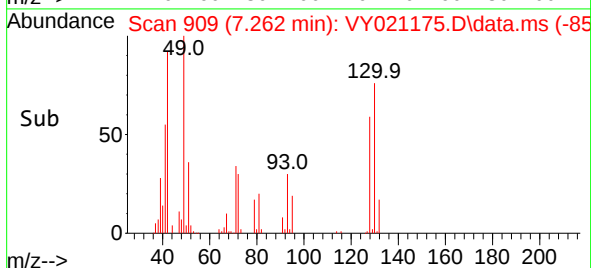
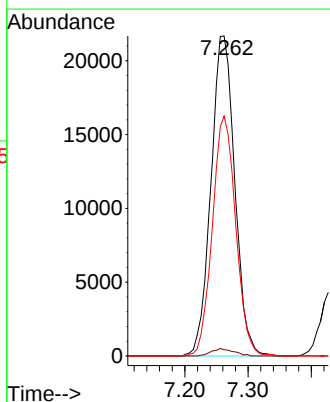
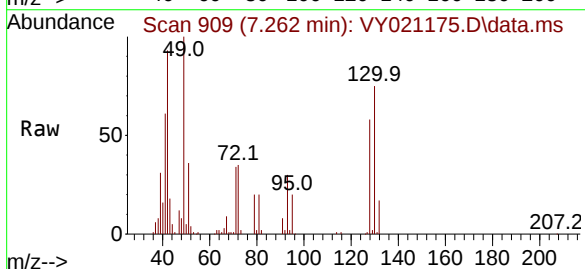
Manual Integrations
 APPROVED

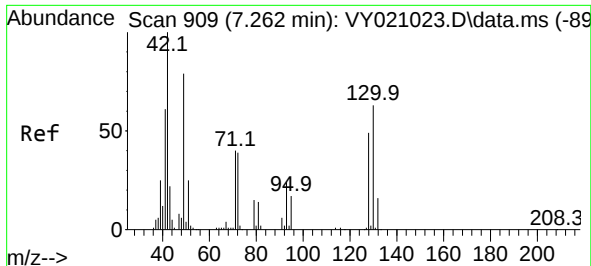
Reviewed By :Mahesh Dadoda 02/13/2025
 Supervised By :Semsettin Yesilyurt 02/13/2025



#28
 Bromochloromethane
 Concen: 53.567 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.012 min
 Lab File: VY021175.D
 Acq: 12 Feb 2025 09:54

Tgt Ion: 49 Resp: 56630
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 73.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 301.003 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

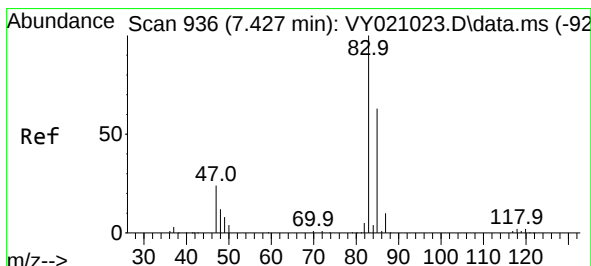
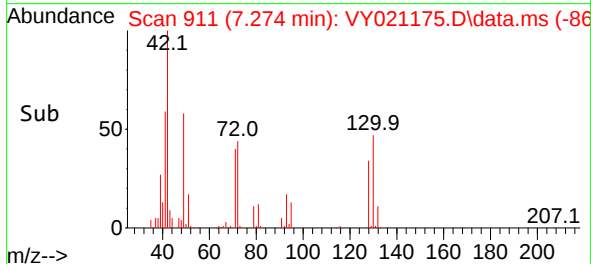
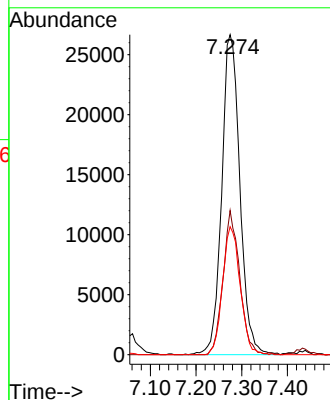
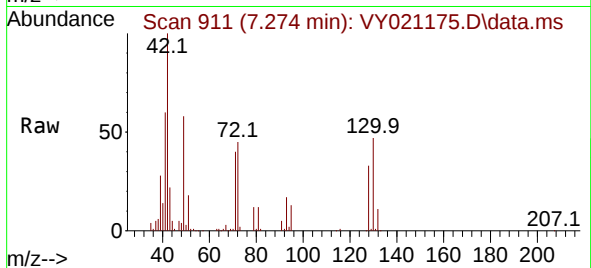
VSTDCCC050

Tgt Ion:	42	Resp:	73670
Ion	Ratio	Lower	Upper
42	100		
72	41.2	36.6	54.8
71	38.8	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#30

Chloroform

Concen: 53.555 ug/l

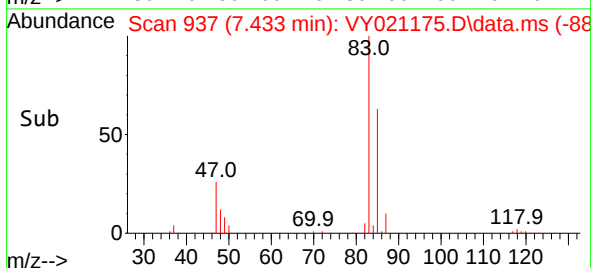
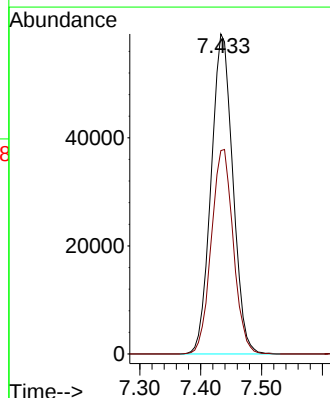
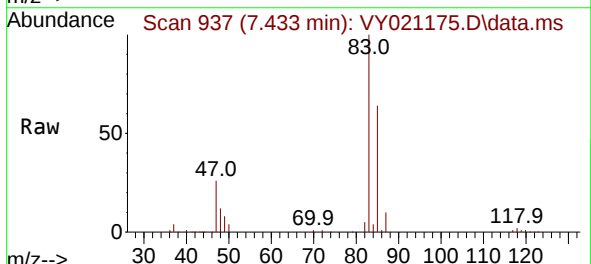
RT: 7.433 min Scan# 937

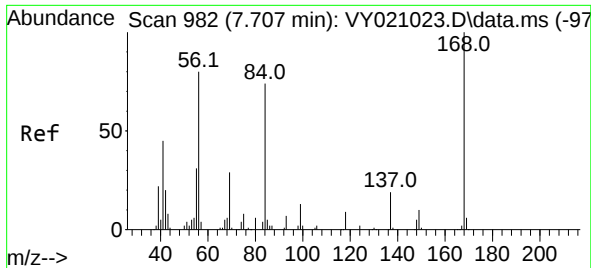
Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

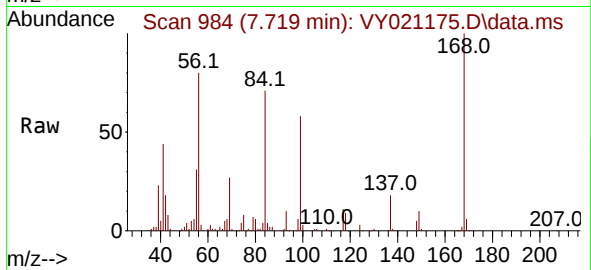
Tgt Ion:	83	Resp:	147069
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.2	76.8





#31
Cyclohexane
Concen: 50.622 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

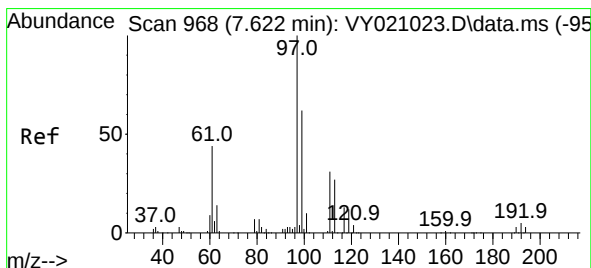
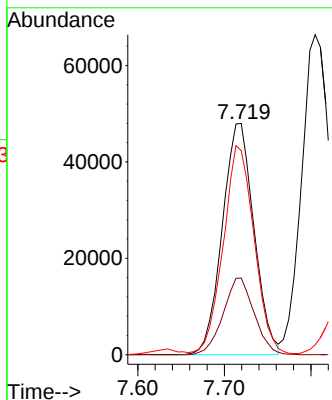
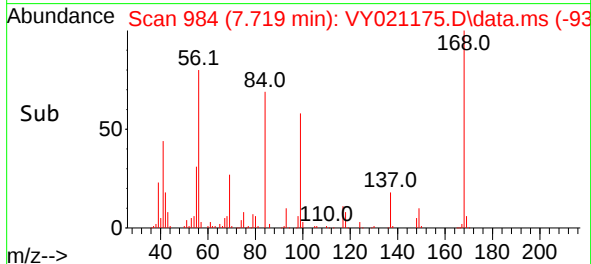
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 121870
Ion Ratio Lower Upper
56 100
69 33.2 27.0 40.6
84 87.0 71.8 107.6

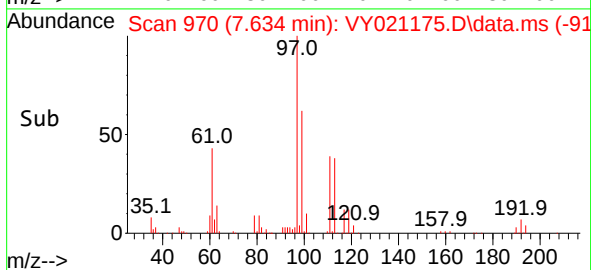
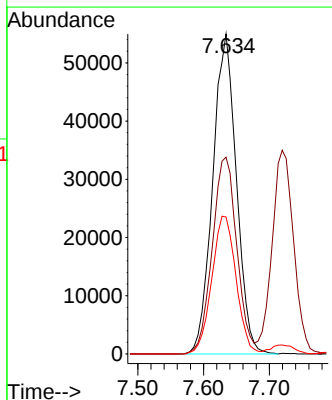
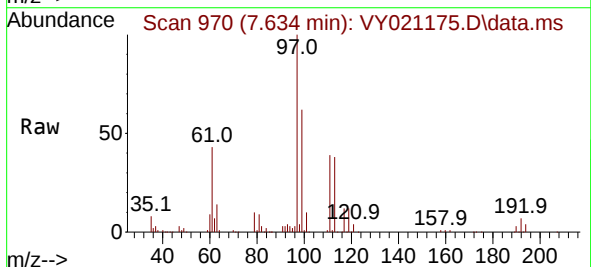
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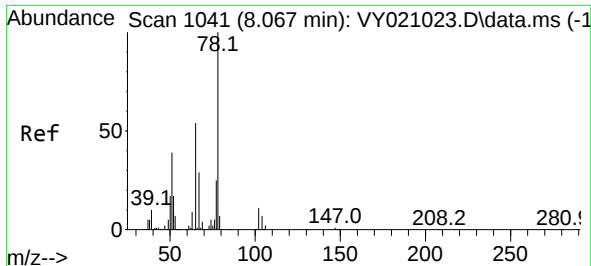
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#32
1,1,1-Trichloroethane
Concen: 53.883 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Tgt Ion: 97 Resp: 137572
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 44.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 55.694 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 78614

Ion Ratio Lower Upper

65 100

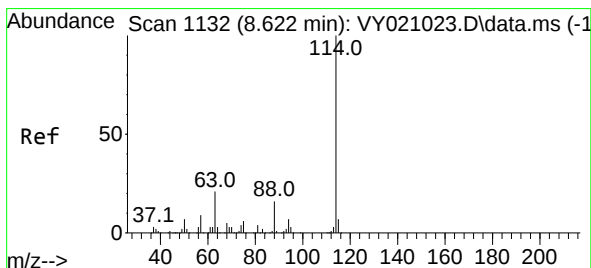
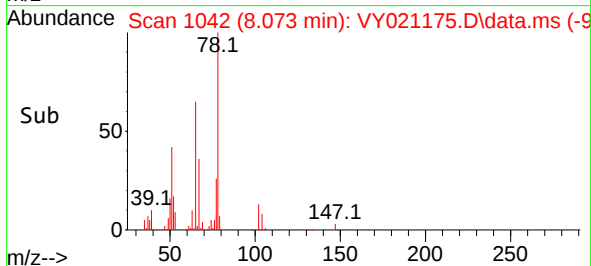
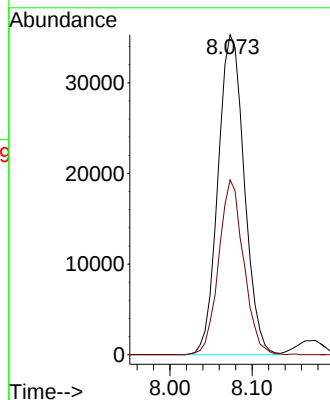
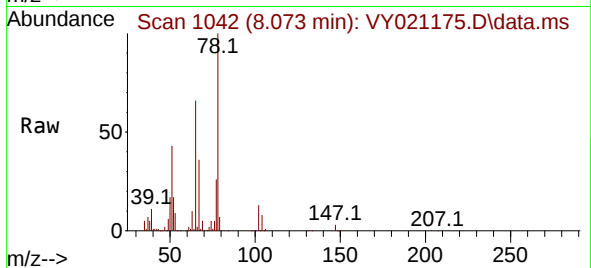
67 51.8 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025

Supervised By :Semsettin Yesilyurt 02/13/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

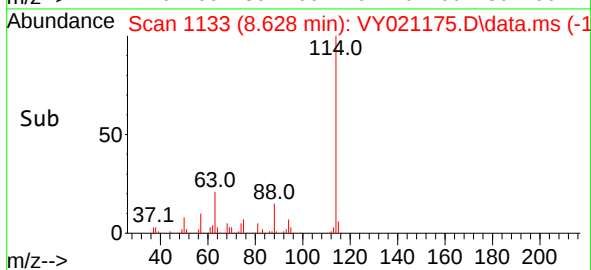
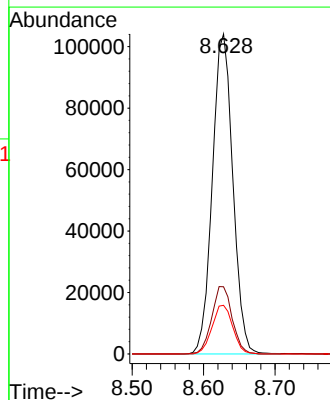
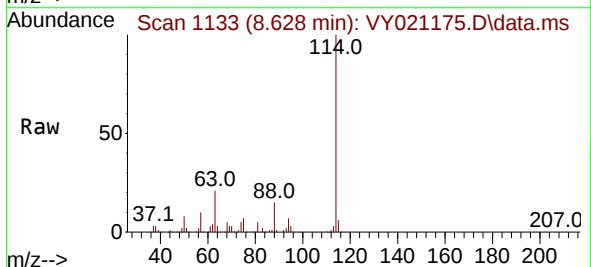
Tgt Ion:114 Resp: 207078

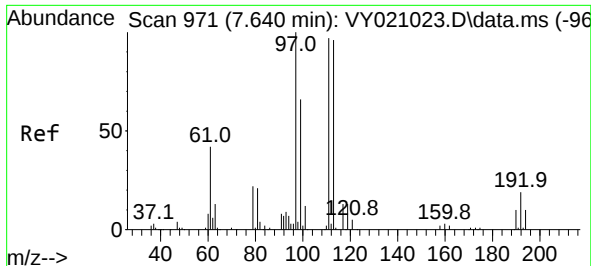
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

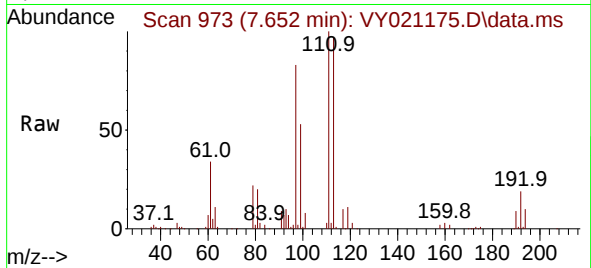
88 15.2 0.0 29.0





#35
Dibromofluoromethane
Concen: 55.649 ug/l
RT: 7.652 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

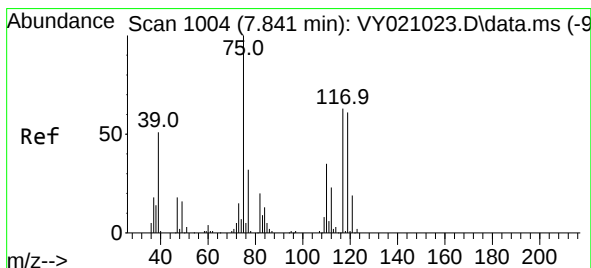
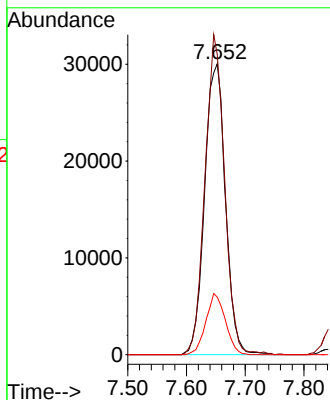
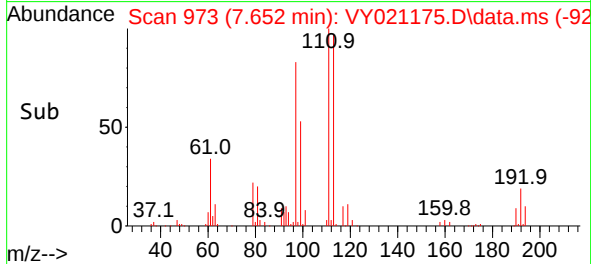
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 73852
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 19.7 14.5 21.7

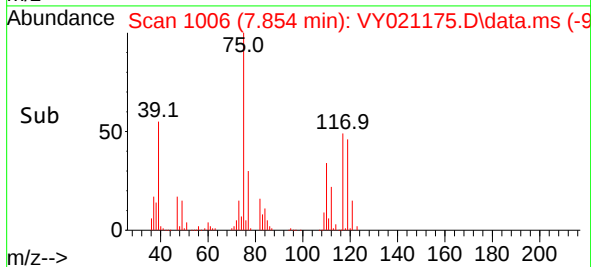
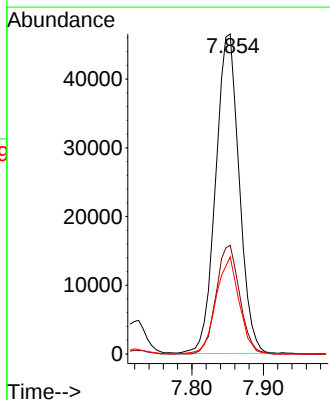
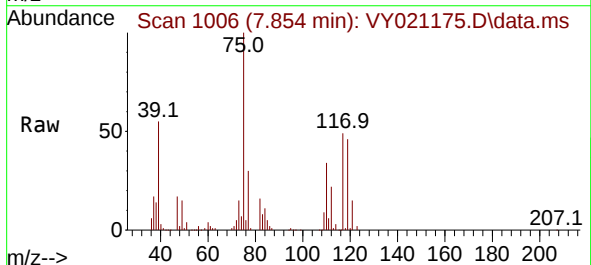
Manual Integrations
APPROVED

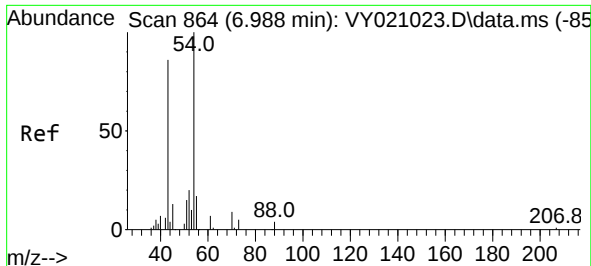
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#36
1,1-Dichloropropene
Concen: 54.160 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Tgt Ion: 75 Resp: 106460
Ion Ratio Lower Upper
75 100
110 34.0 17.4 52.3
77 29.9 24.7 37.1





#37

Ethyl Acetate

Concen: 60.662 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021175.D

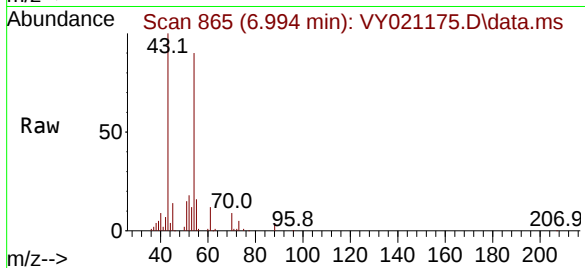
Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

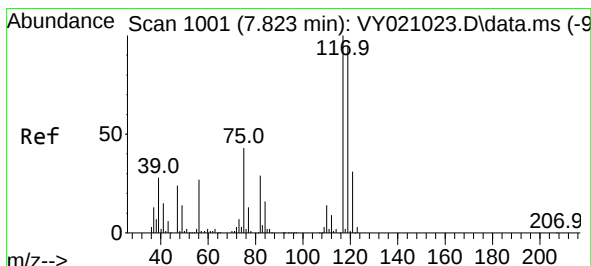
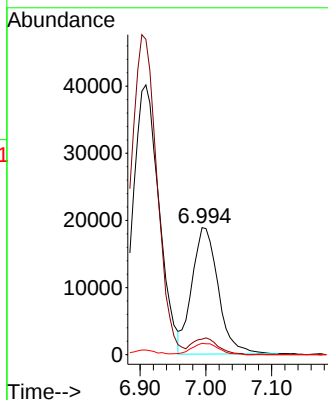
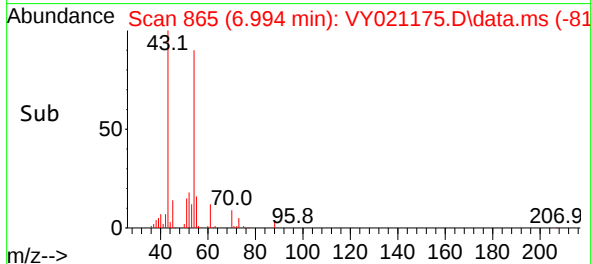


Tgt Ion:	43	Resp:	52310
Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.0	16.6
70	9.3	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#38

Carbon Tetrachloride

Concen: 55.511 ug/l

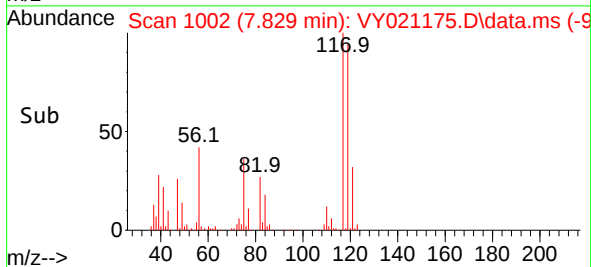
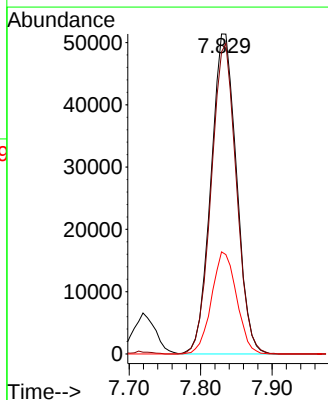
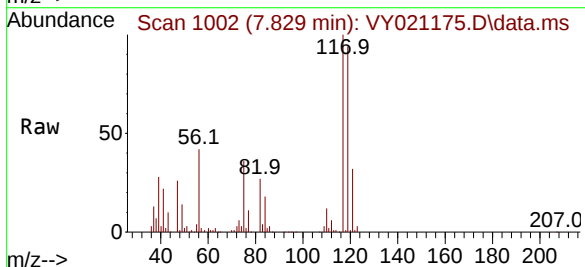
RT: 7.829 min Scan# 1002

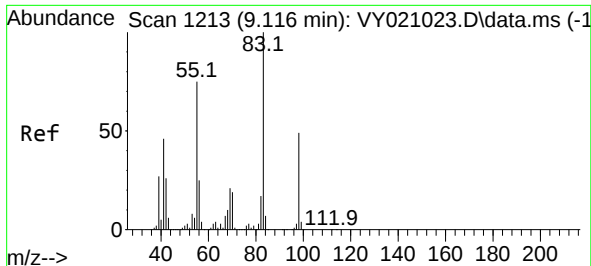
Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

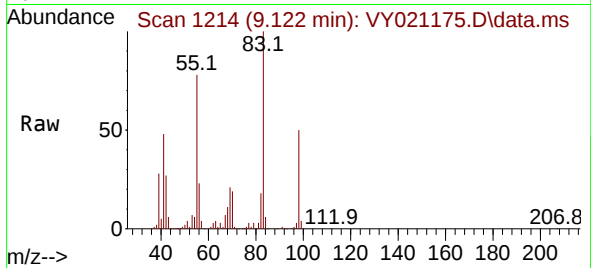
Tgt Ion:	117	Resp:	127497
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.0	114.0
121	31.9	24.2	36.2





#39
Methylcyclohexane
Concen: 55.049 ug/l
RT: 9.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

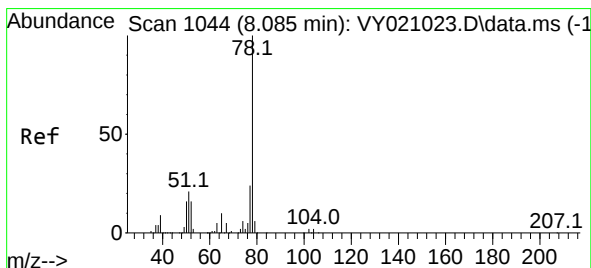
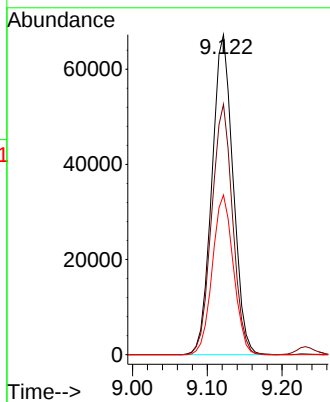
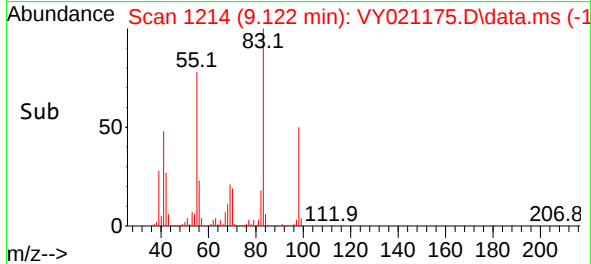
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 13235
Ion Ratio Lower Upper
83 100
55 78.3 59.7 89.5
98 49.9 38.0 57.0

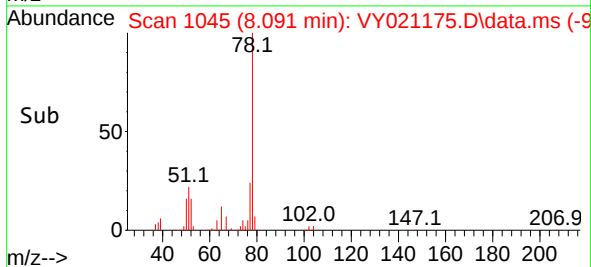
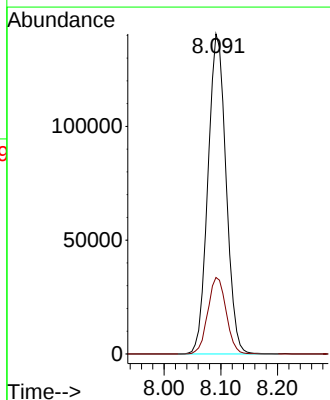
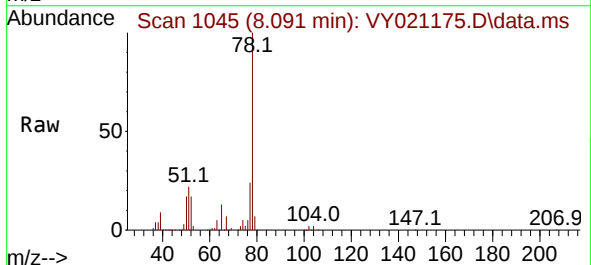
Manual Integrations
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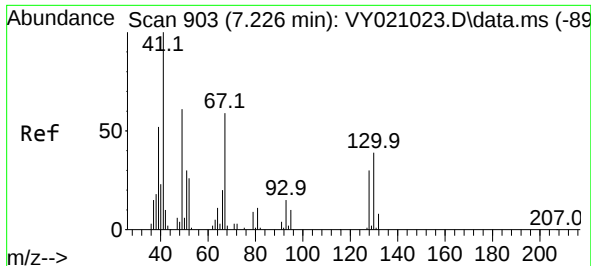
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#40
Benzene
Concen: 54.115 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

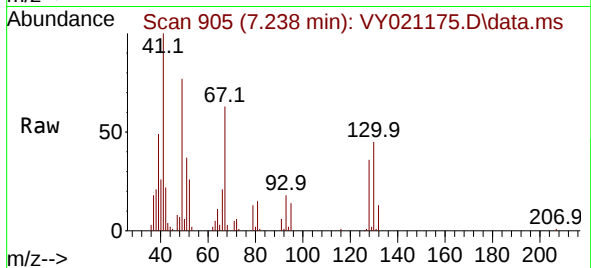
Tgt Ion: 78 Resp: 312161
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2





#41
Methacrylonitrile
Concen: 59.347 ug/l
RT: 7.238 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

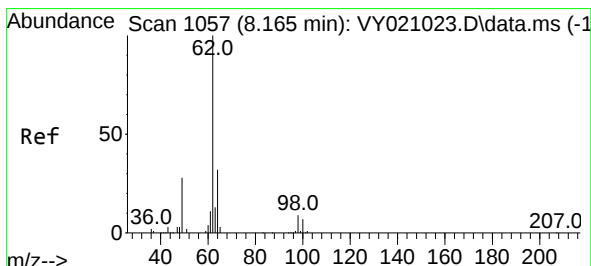
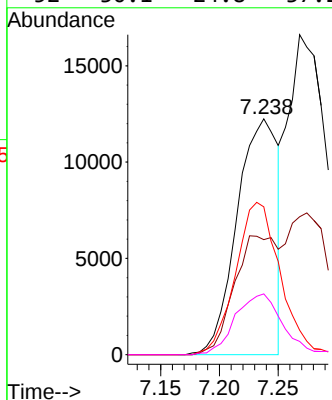
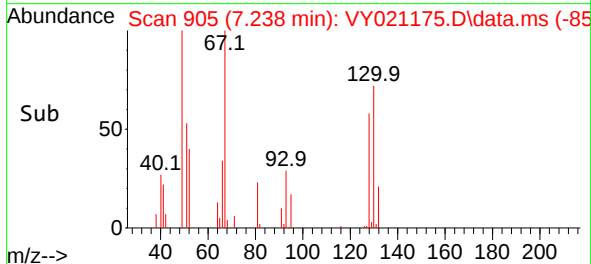
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 2960
Ion Ratio Lower Upper
41 100
39 53.1 41.9 62.9
67 70.5 59.8 89.6
52 30.1 24.8 37.2

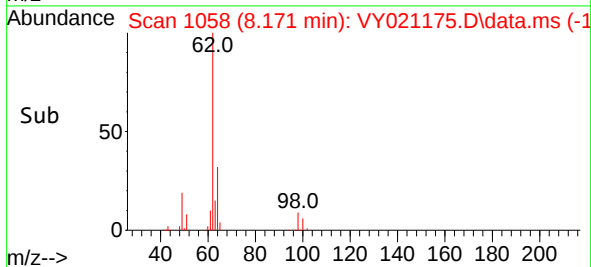
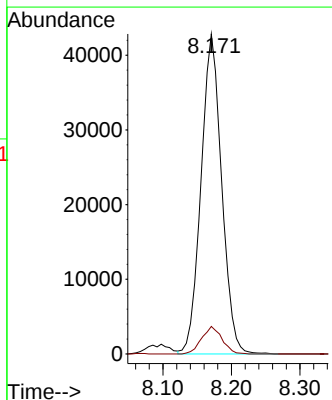
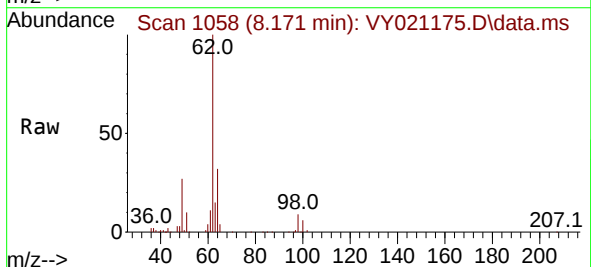
Manual Integrations
APPROVED

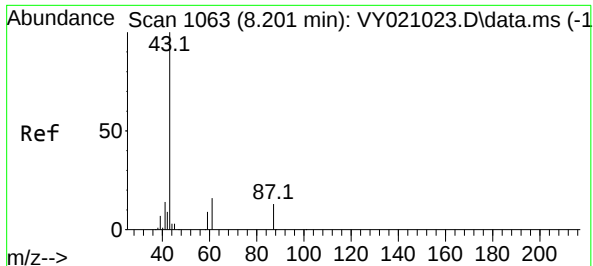
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#42
1,2-Dichloroethane
Concen: 56.174 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Tgt Ion: 62 Resp: 89890
Ion Ratio Lower Upper
62 100
98 8.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 60.910 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 10436

Ion Ratio Lower Upper

43 100

61 27.7 24.8 37.2

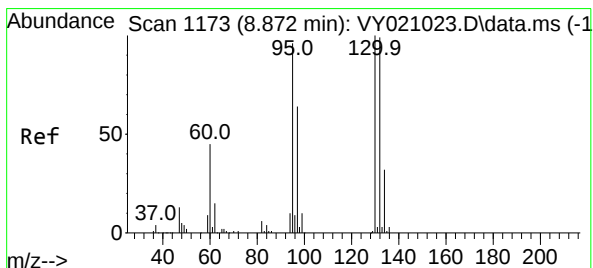
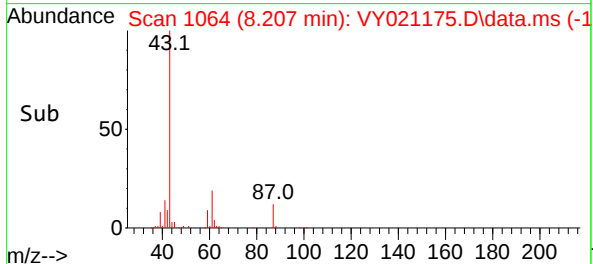
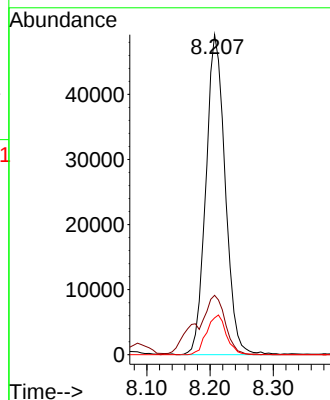
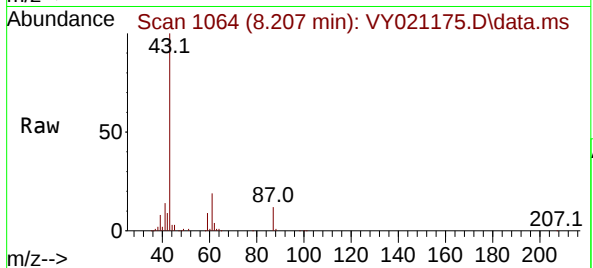
87 12.6 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025

Supervised By :Semsettin Yesilyurt 02/13/2025



#44

Trichloroethene

Concen: 53.179 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VY021175.D

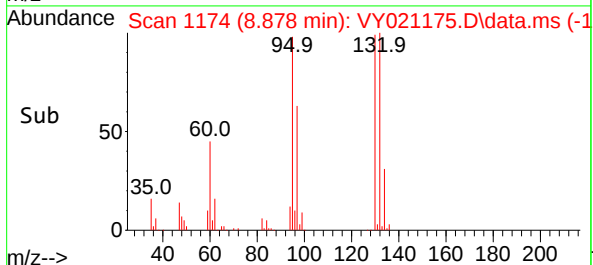
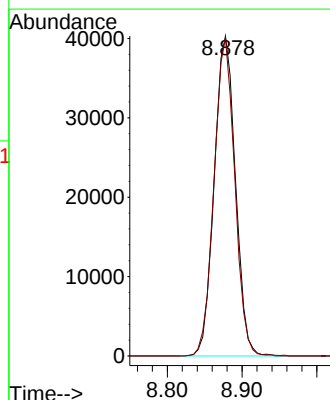
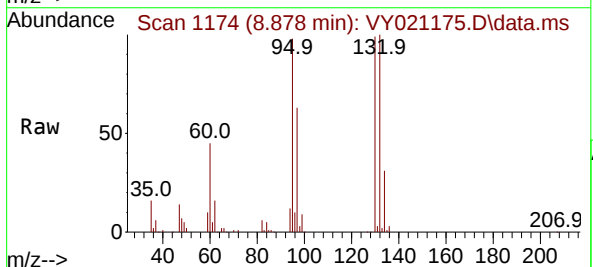
Acq: 12 Feb 2025 09:54

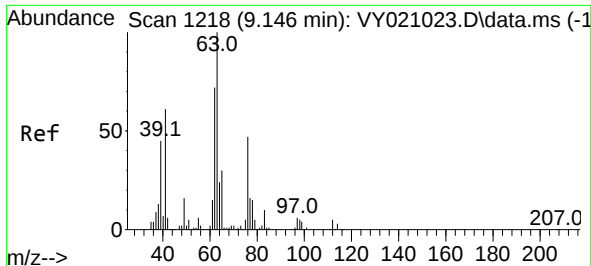
Tgt Ion:130 Resp: 79255

Ion Ratio Lower Upper

130 100

95 99.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 54.414 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7450

Ion Ratio Lower Upper

63 100

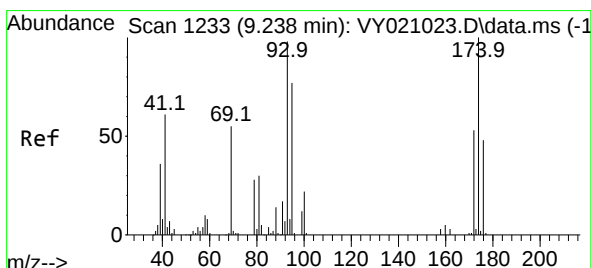
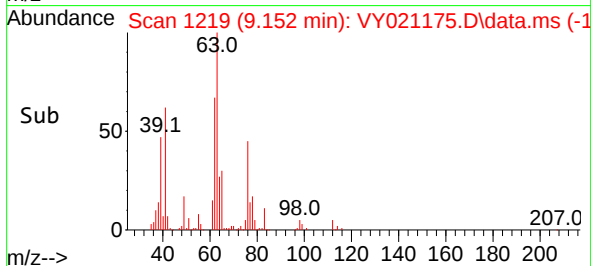
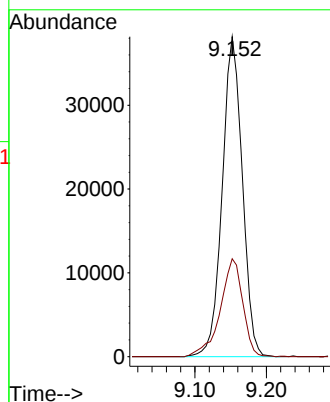
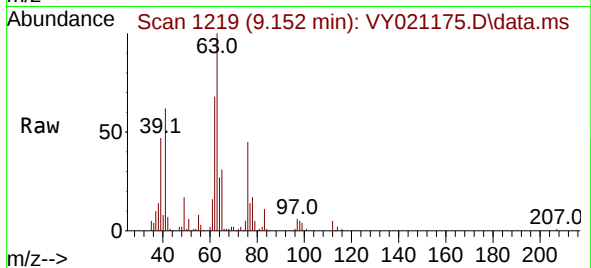
65 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025

Supervised By :Semsettin Yesilyurt 02/13/2025



#46

Dibromomethane

Concen: 55.997 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

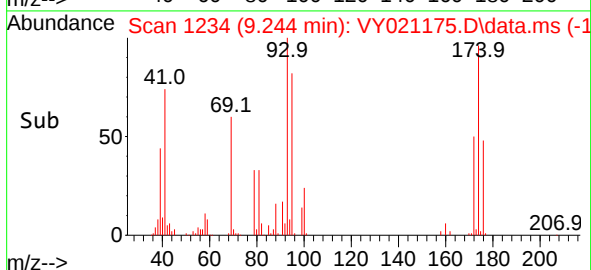
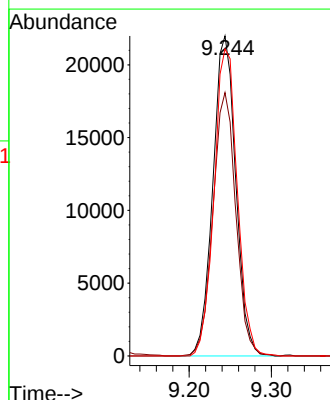
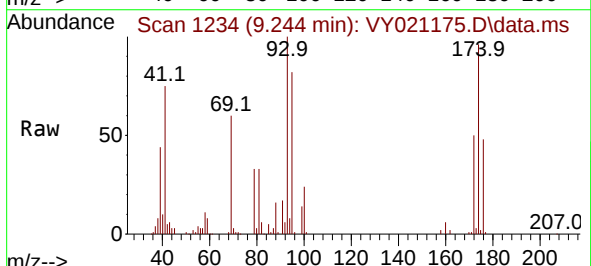
Tgt Ion: 93 Resp: 42450

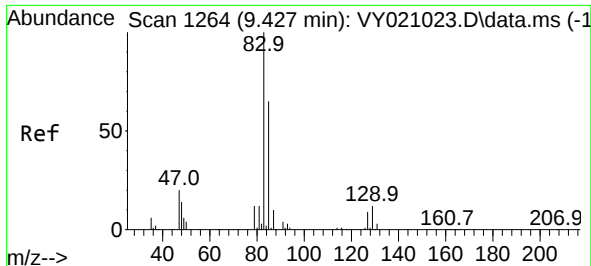
Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

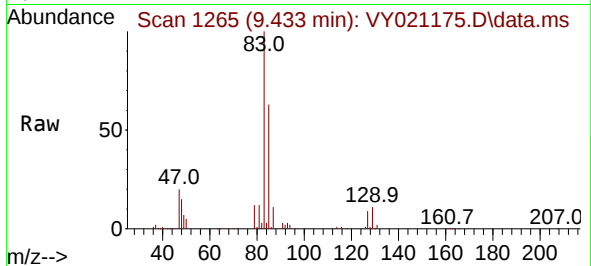
174 97.5 73.8 110.6





#47
Bromodichloromethane
Concen: 55.467 ug/l
RT: 9.433 min Scan# 112770
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

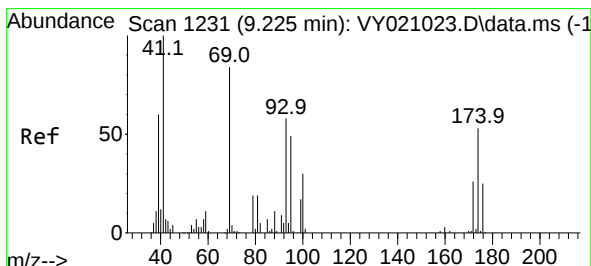
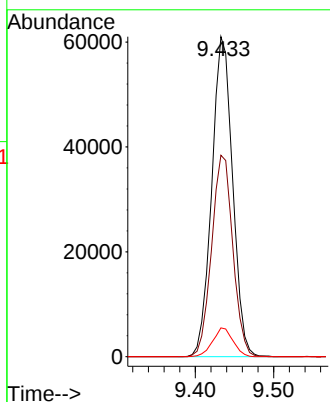
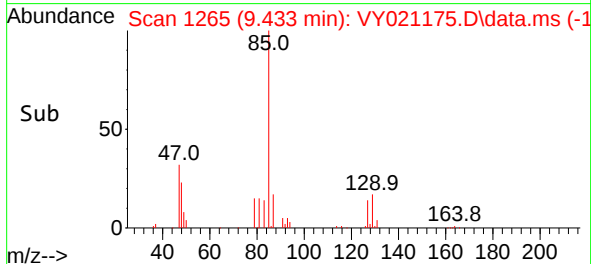
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 112770
Ion Ratio Lower Upper
83 100
85 63.0 53.2 79.8
127 9.0 6.4 9.6

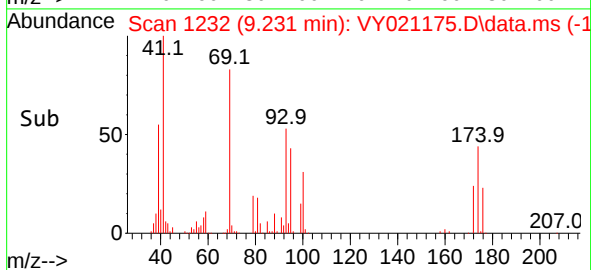
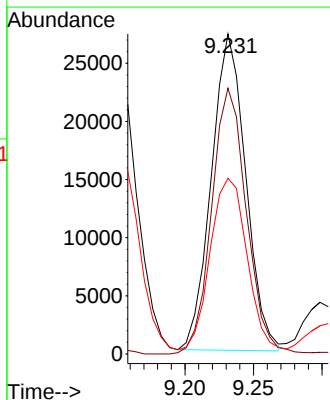
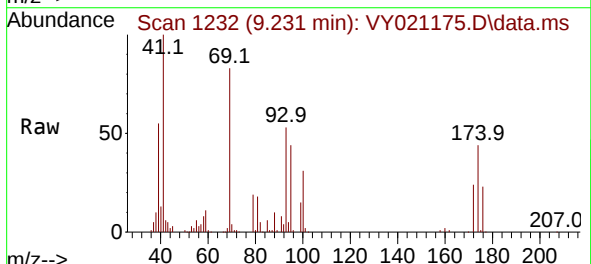
Manual Integrations
APPROVED

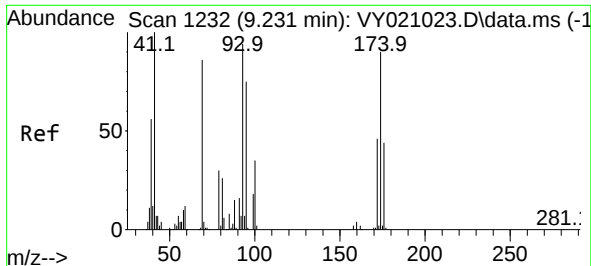
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#48
Methyl methacrylate
Concen: 60.835 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Tgt Ion: 41 Resp: 47481
Ion Ratio Lower Upper
41 100
69 85.0 72.1 108.1
39 57.9 42.8 64.2





#49

1,4-Dioxane

Concen: 1203.753 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

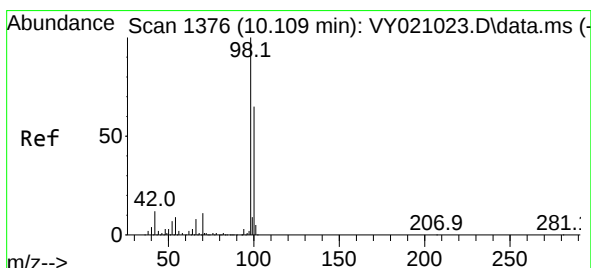
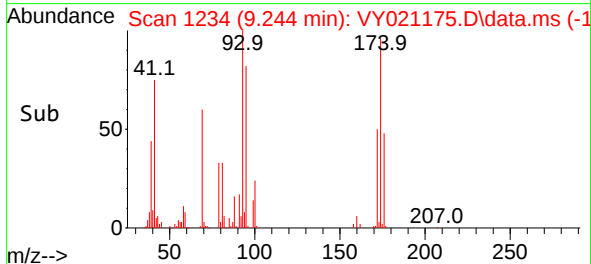
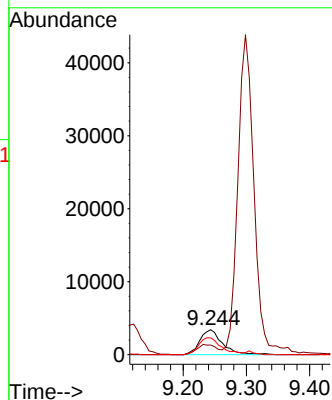
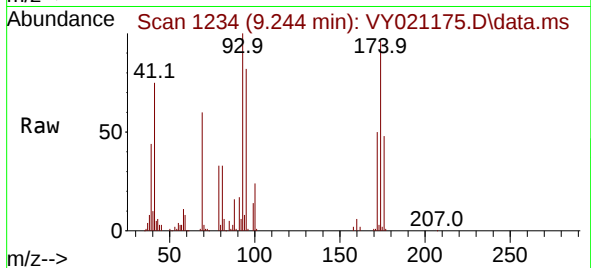
VSTDCCC050

Tgt Ion:	88	Resp:	849
Ion Ratio	Lower	Upper	
88	100		
43	37.5	28.2	42.4
58	67.6	52.2	78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#50

Toluene-d8

Concen: 55.281 ug/l

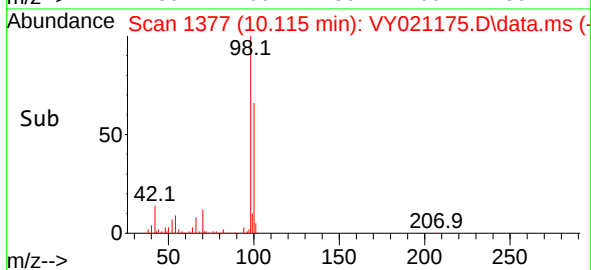
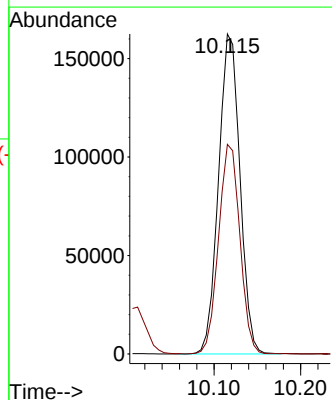
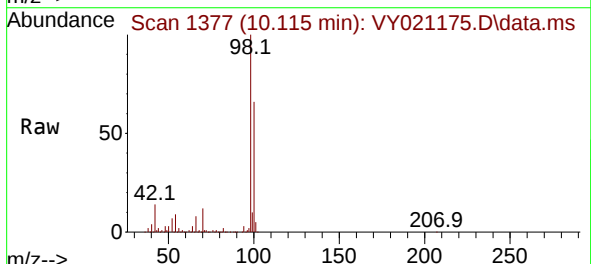
RT: 10.115 min Scan# 1377

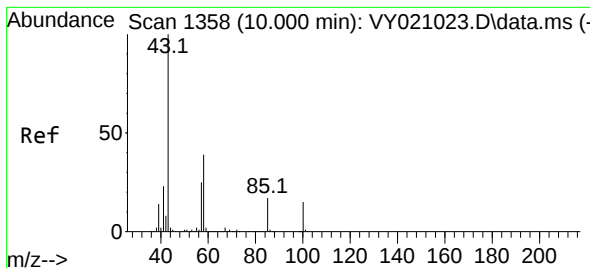
Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

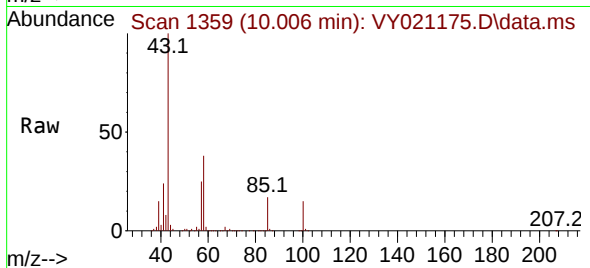
Tgt Ion:	98	Resp:	279297
Ion Ratio	Lower	Upper	
98	100		
100	65.3	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 313.830 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

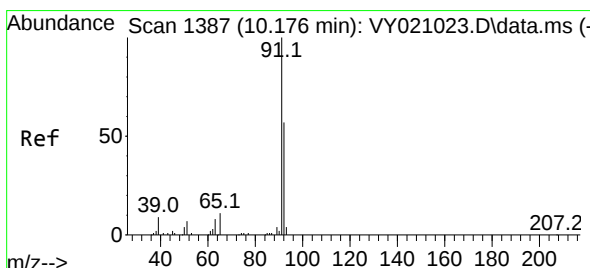
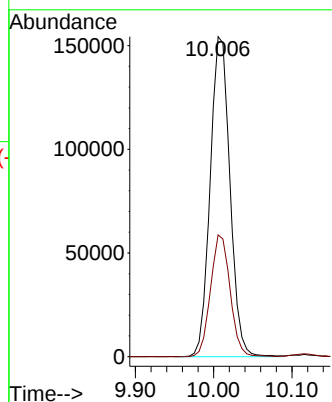
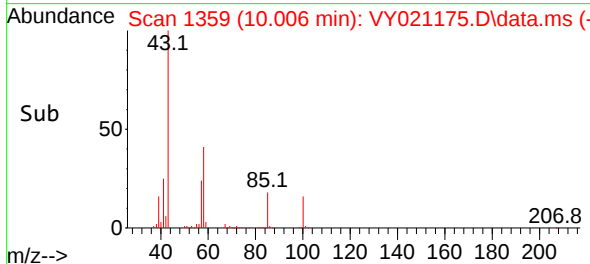
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



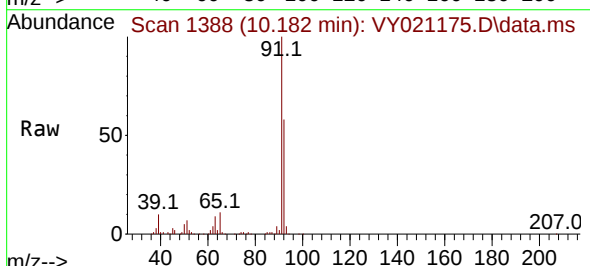
Tgt Ion: 43 Resp: 27040
Ion Ratio Lower Upper
43 100
58 37.8 32.2 48.2

Manual Integrations
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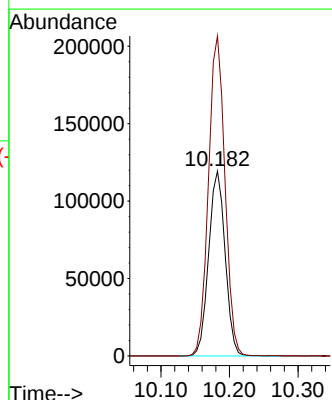
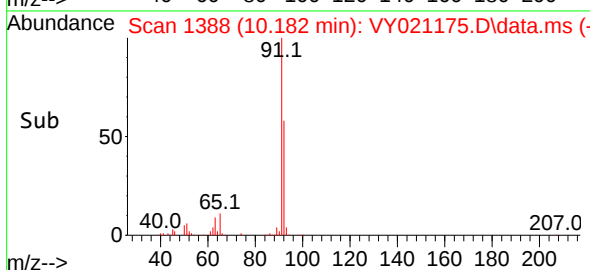
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025

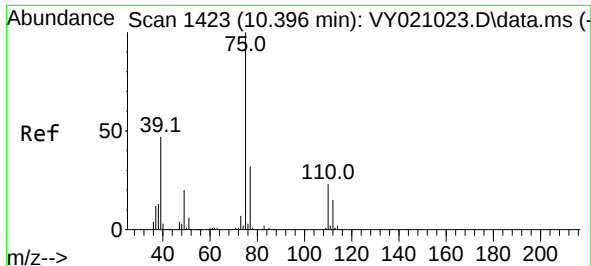


#52
Toluene
Concen: 55.056 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54



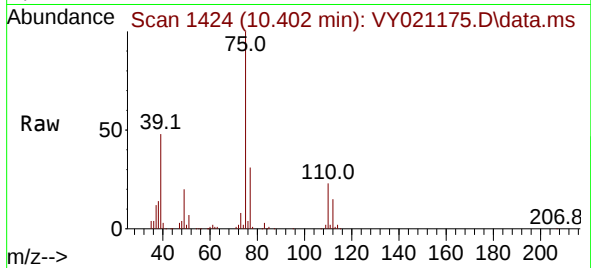
Tgt Ion: 92 Resp: 199416
Ion Ratio Lower Upper
92 100
91 173.4 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 57.747 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

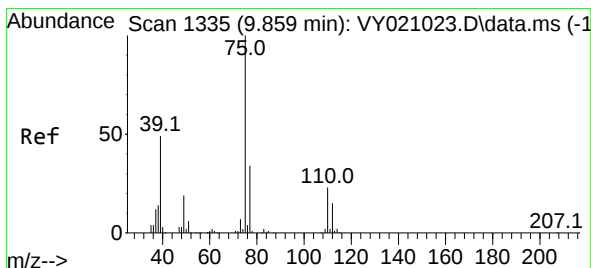
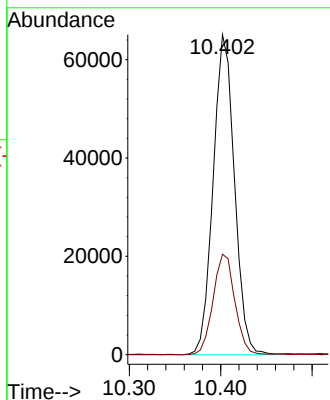
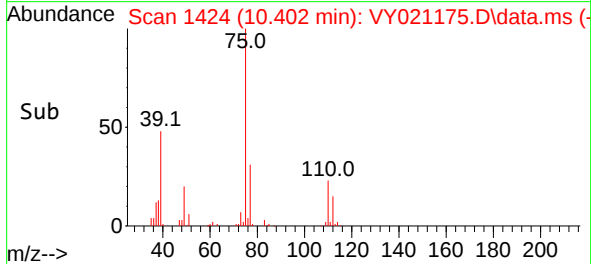
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



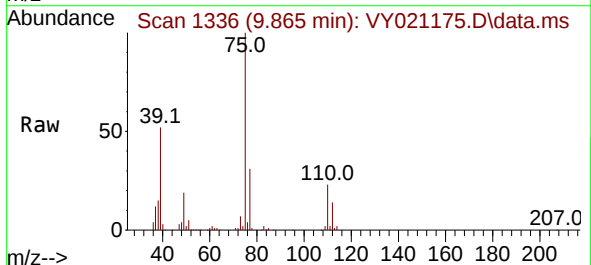
Tgt Ion: 75 Resp: 10542
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8

Manual Integrations
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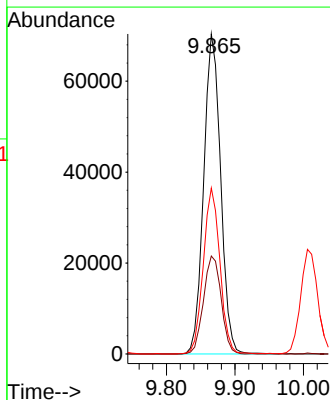
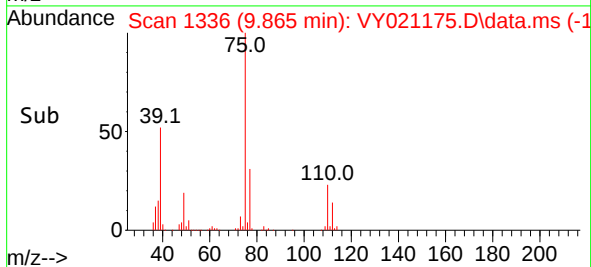
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025

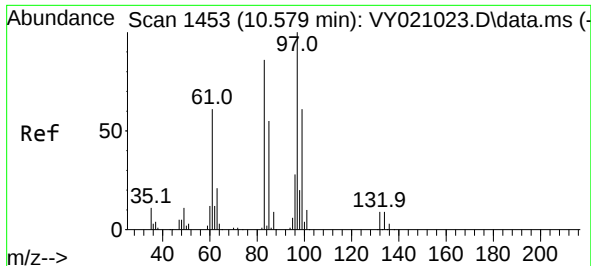


#54
cis-1,3-Dichloropropene
Concen: 56.037 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54



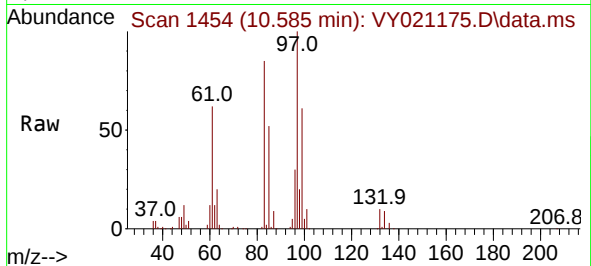
Tgt Ion: 75 Resp: 121126
Ion Ratio Lower Upper
75 100
77 30.6 24.6 36.8
39 51.8 33.6 50.4#





#55
1,1,2-Trichloroethane
Concen: 56.038 ug/l
RT: 10.585 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

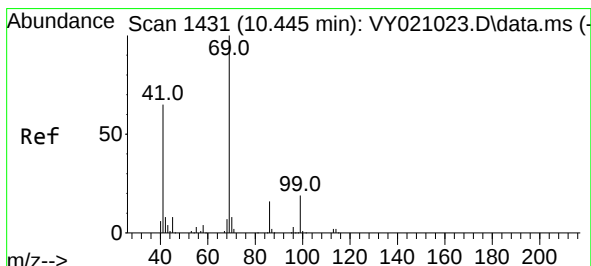
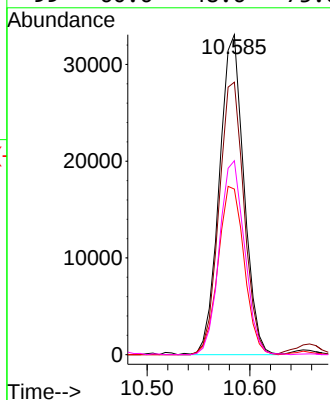
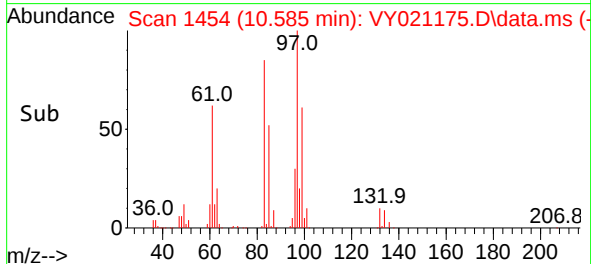
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



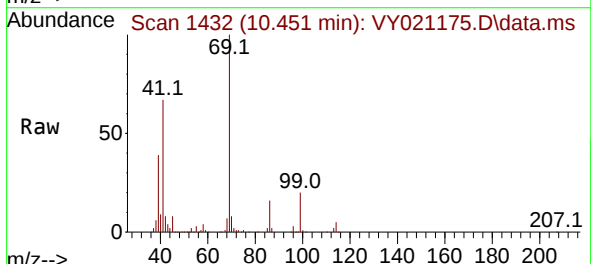
Tgt Ion: 97	Resp: 55010
Ion Ratio	Lower Upper
97 100	
83 85.2	69.4 104.2
85 51.8	43.9 65.9
99 60.6	48.6 73.0

Manual Integrations
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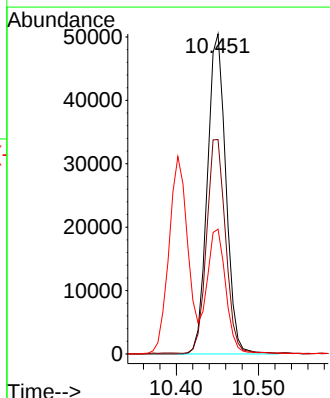
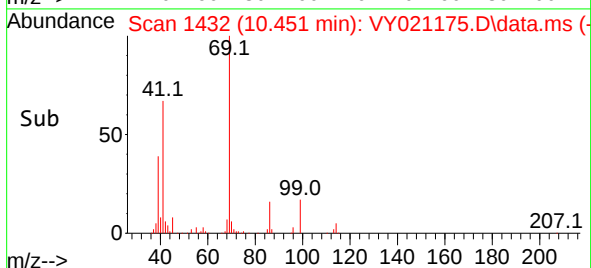
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025

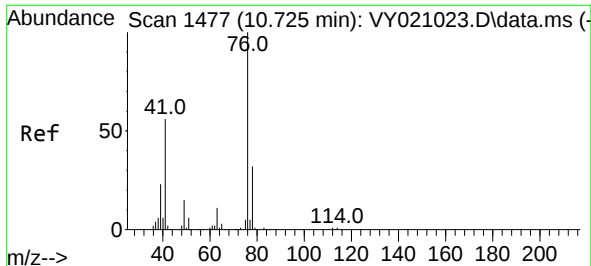


#56
Ethyl methacrylate
Concen: 60.220 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54



Tgt Ion: 69	Resp: 79084
Ion Ratio	Lower Upper
69 100	
41 68.8	49.2 73.8
39 39.9	26.8 40.2





#57

1,3-Dichloropropane

Concen: 56.970 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 96799

Ion Ratio Lower Upper

76 100

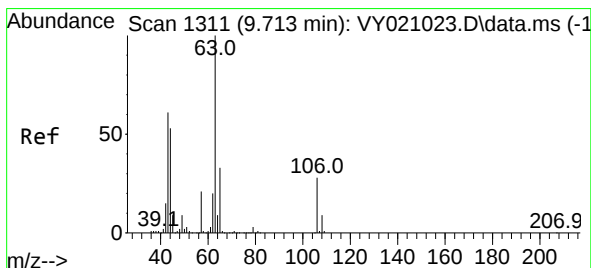
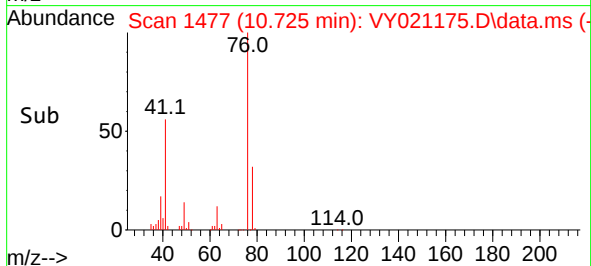
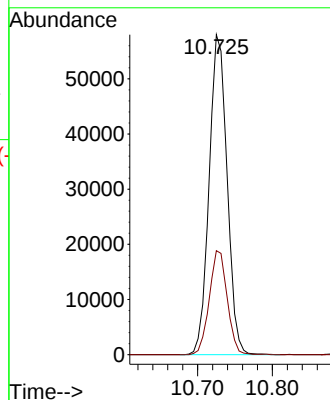
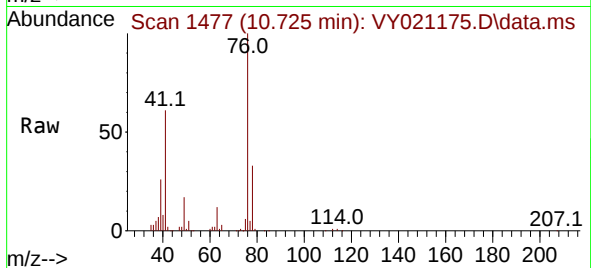
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025

Supervised By :Semsettin Yesilyurt 02/13/2025



#58

2-Chloroethyl Vinyl ether

Concen: 276.464 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021175.D

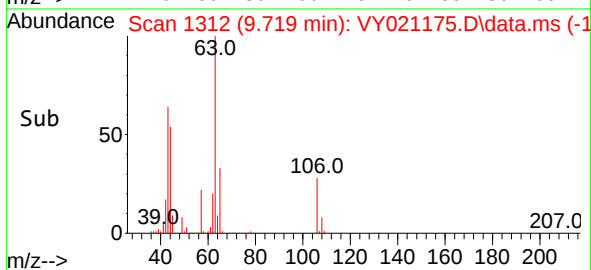
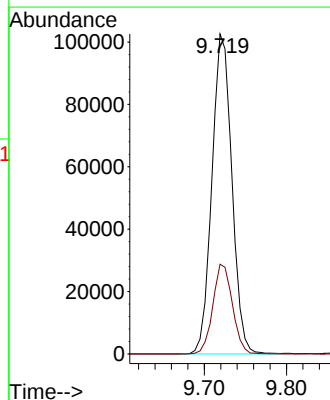
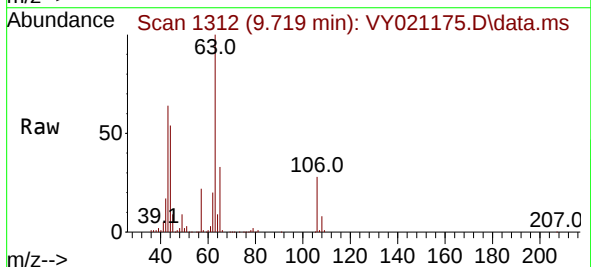
Acq: 12 Feb 2025 09:54

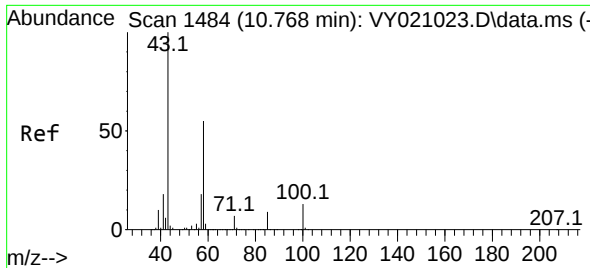
Tgt Ion: 63 Resp: 172726

Ion Ratio Lower Upper

63 100

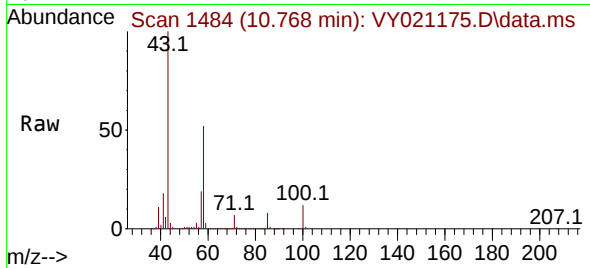
106 27.6 22.4 33.6





#59
2-Hexanone
Concen: 324.531 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

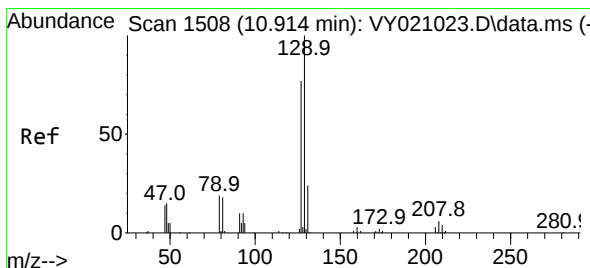
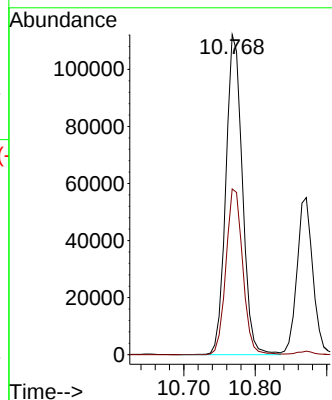
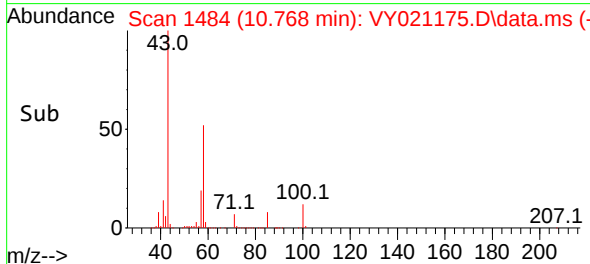
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 18004
Ion Ratio Lower Upper
43 100
58 52.5 28.1 84.3

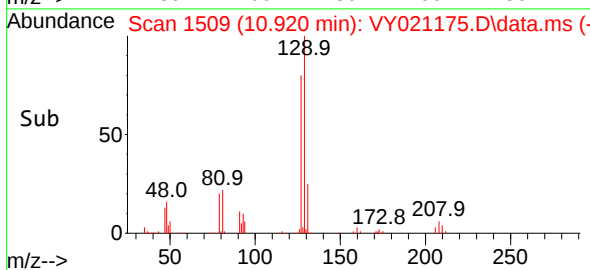
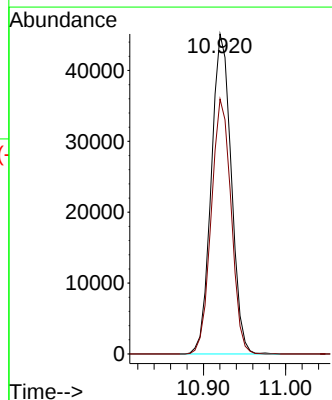
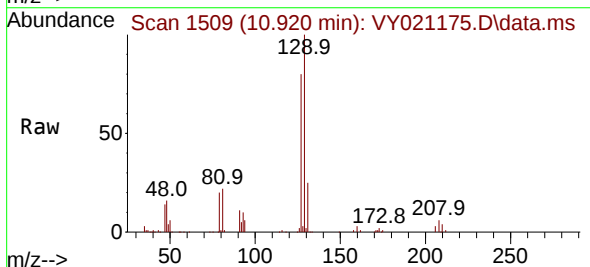
Manual Integrations
APPROVED

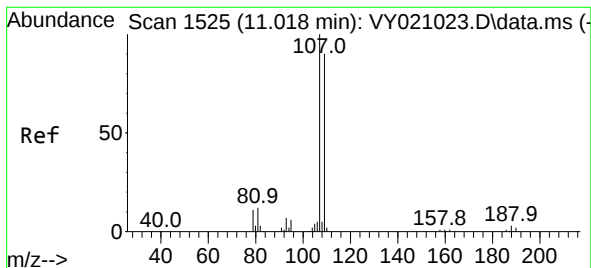
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#60
Dibromochloromethane
Concen: 55.279 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

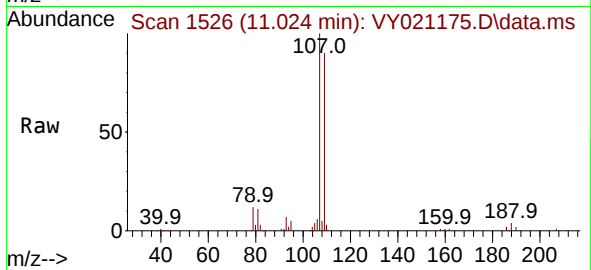
Tgt Ion:129 Resp: 76207
Ion Ratio Lower Upper
129 100
127 79.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 57.079 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

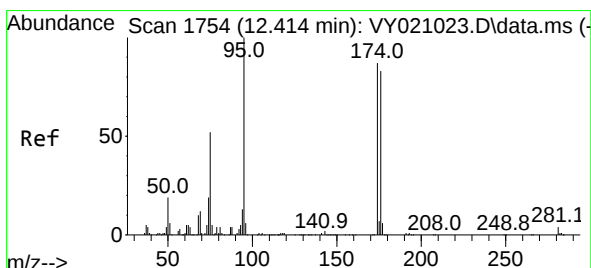
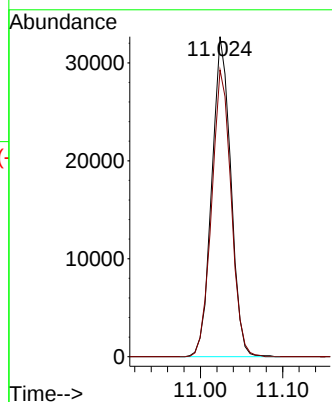
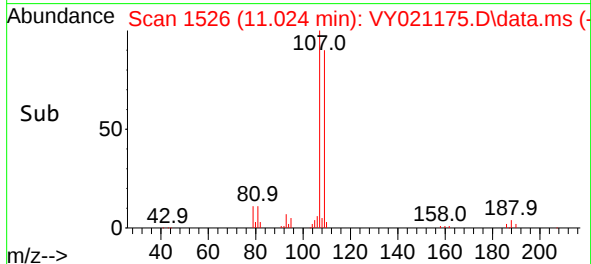
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



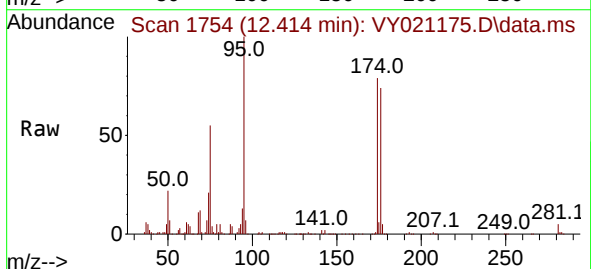
Tgt Ion:107 Resp: 52484
Ion Ratio Lower Upper
107 100
109 91.7 75.4 113.2

Manual Integrations
APPROVED

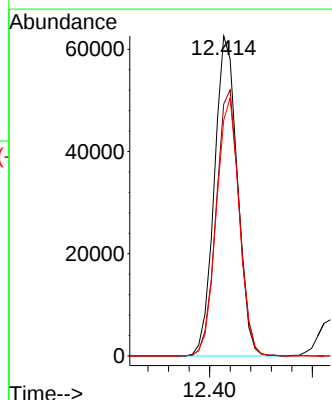
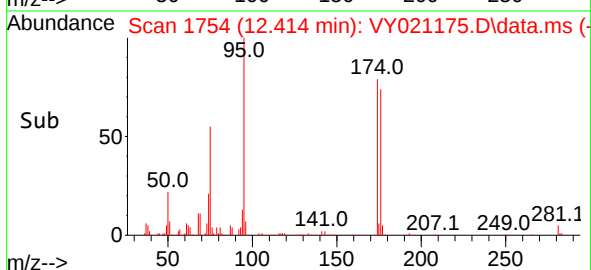
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025

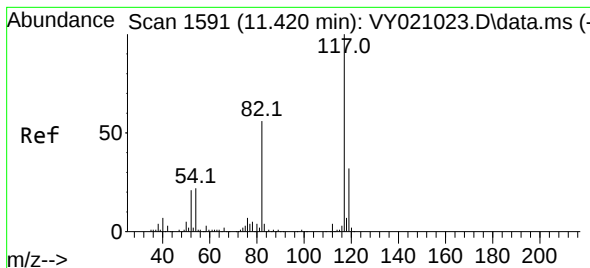


#62
4-Bromofluorobenzene
Concen: 58.786 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54



Tgt Ion: 95 Resp: 97030
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.0
176 80.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 181398

Ion Ratio Lower Upper

117 100

82 57.4 43.8 65.8

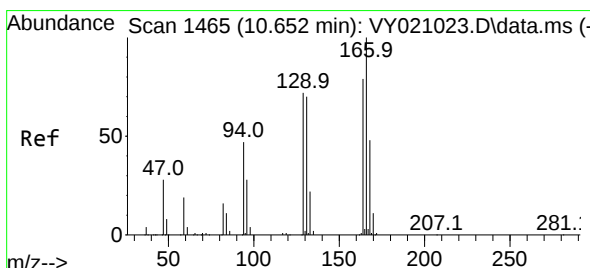
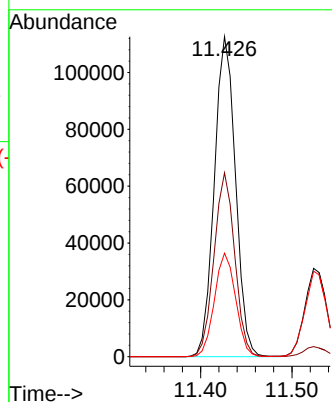
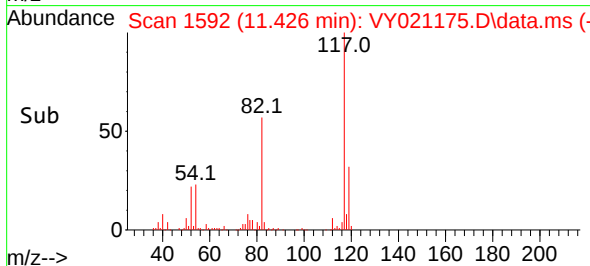
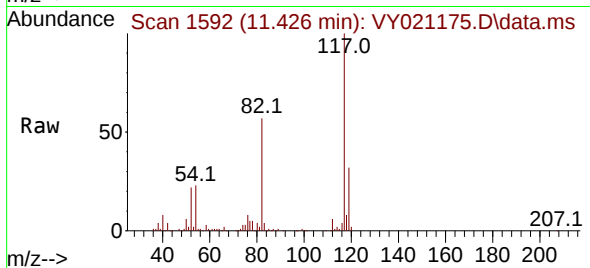
119 32.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025

Supervised By :Semsettin Yesilyurt 02/13/2025



#64

Tetrachloroethene

Concen: 52.672 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Tgt Ion:164 Resp: 70929

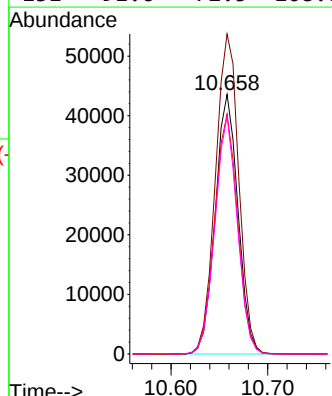
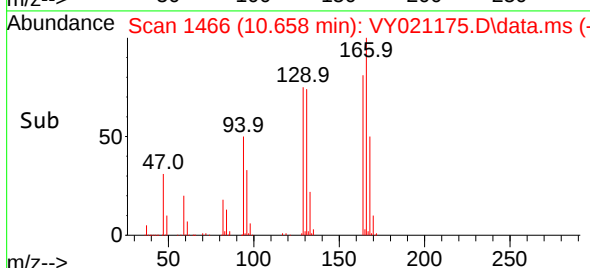
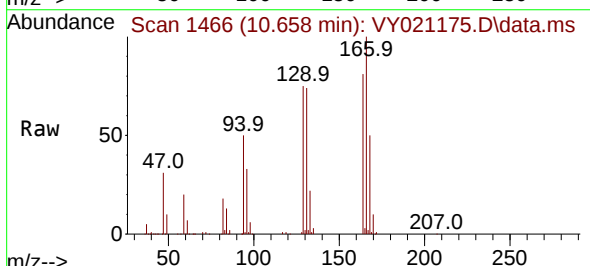
Ion Ratio Lower Upper

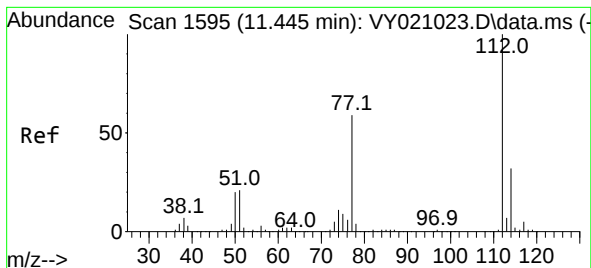
164 100

166 123.3 98.8 148.2

129 92.5 78.9 118.3

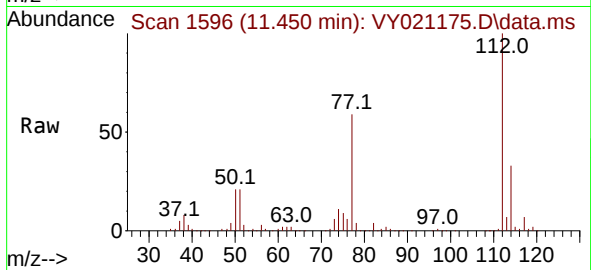
131 91.6 72.5 108.7





#65
Chlorobenzene
Concen: 53.634 ug/l
RT: 11.450 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

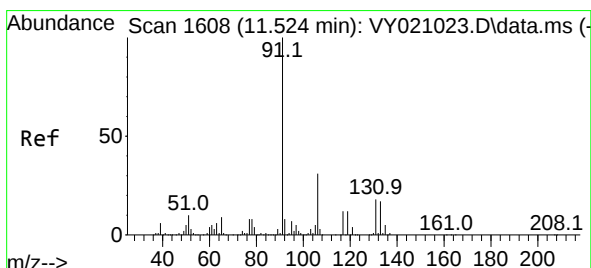
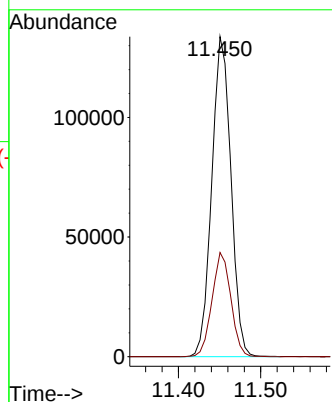
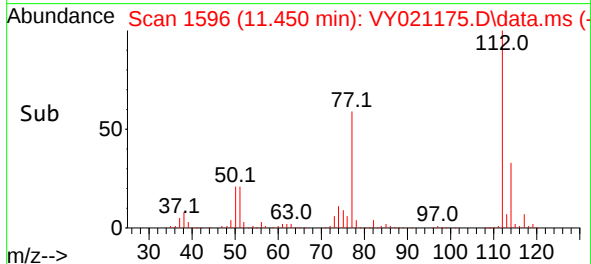
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



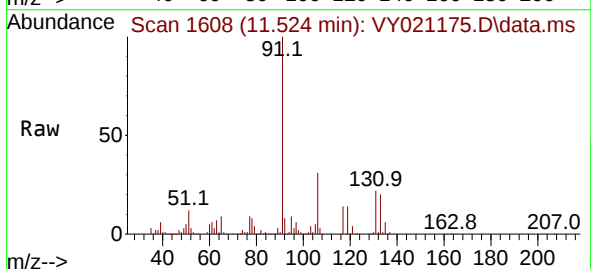
Tgt Ion:112 Resp: 21663
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1

Manual Integrations
APPROVED

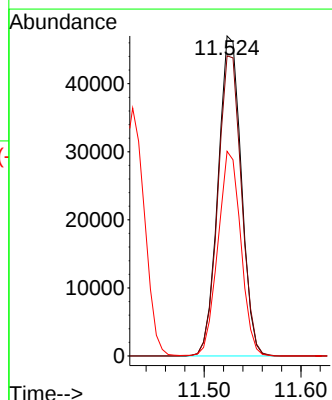
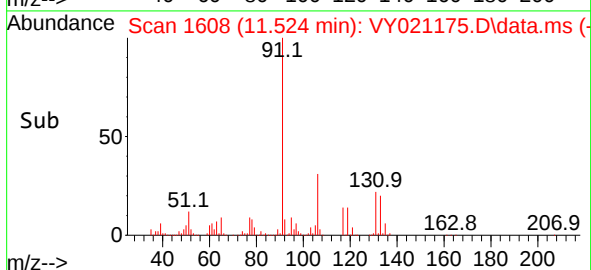
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025

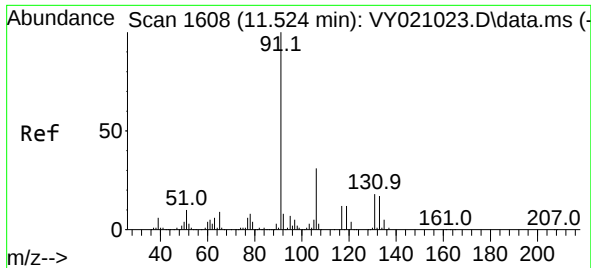


#66
1,1,1,2-Tetrachloroethane
Concen: 54.433 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54



Tgt Ion:131 Resp: 78133
Ion Ratio Lower Upper
131 100
133 95.2 47.0 141.0
119 63.4 33.3 99.9





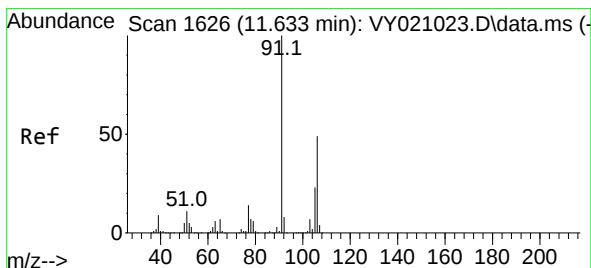
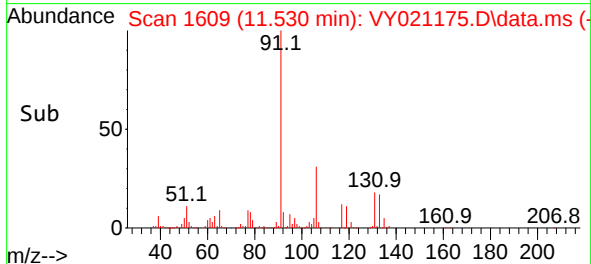
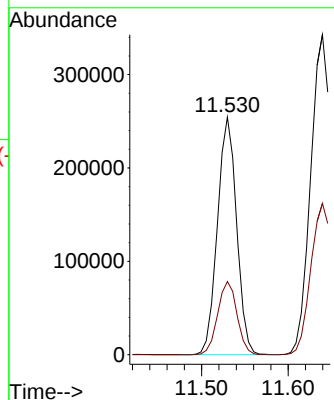
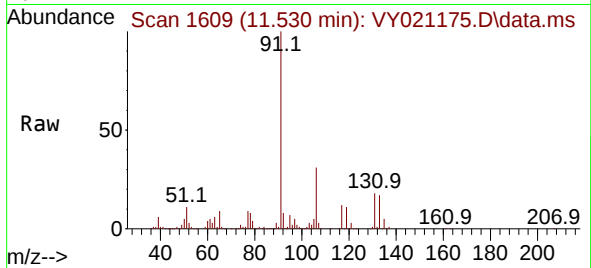
#67
Ethyl Benzene
Concen: 54.688 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 390698
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4

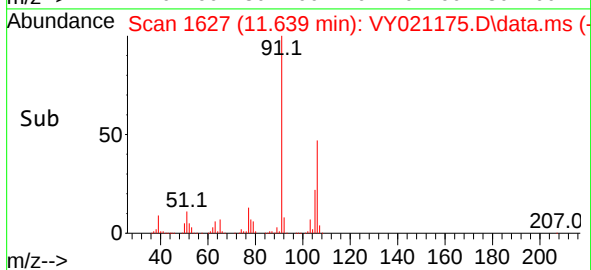
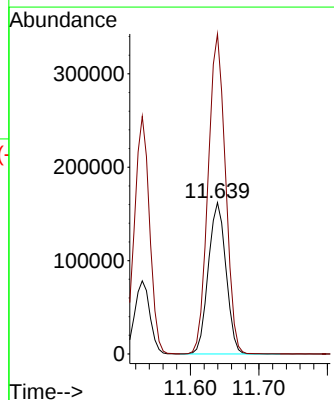
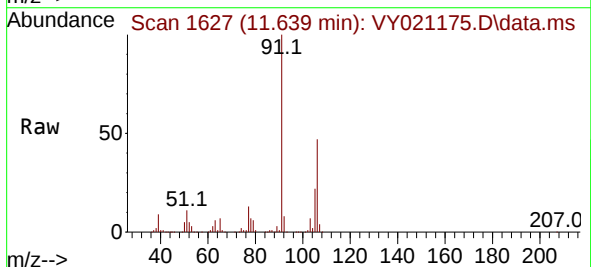
Manual Integrations
APPROVED

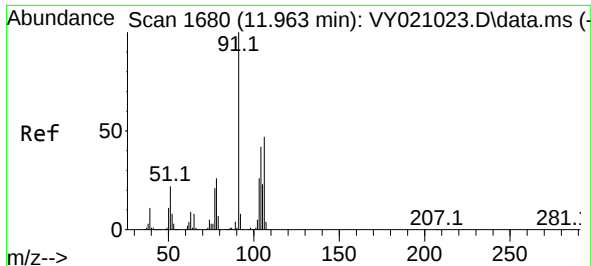
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#68
m/p-Xylenes
Concen: 108.817 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

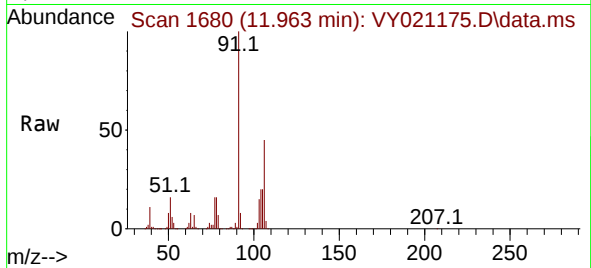
Tgt Ion:106 Resp: 290827
Ion Ratio Lower Upper
106 100
91 207.3 160.7 241.1





#69
o-Xylene
Concen: 55.448 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

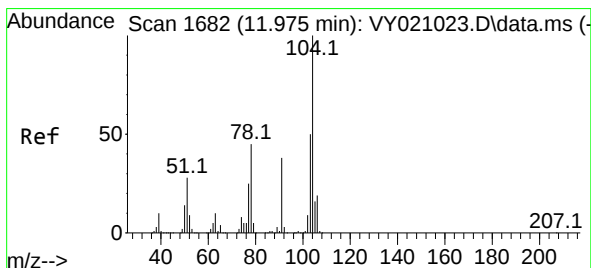
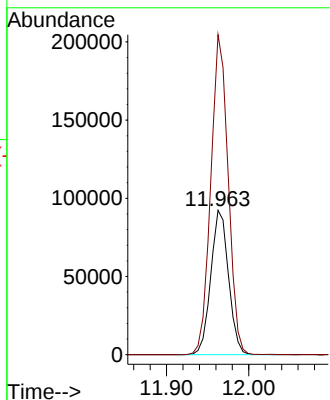
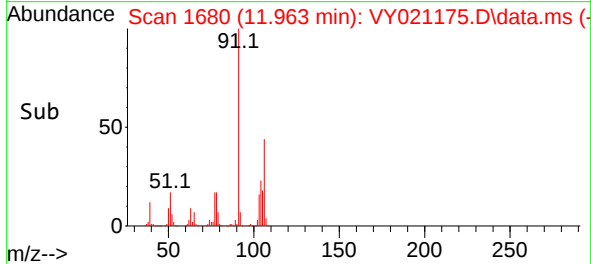
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



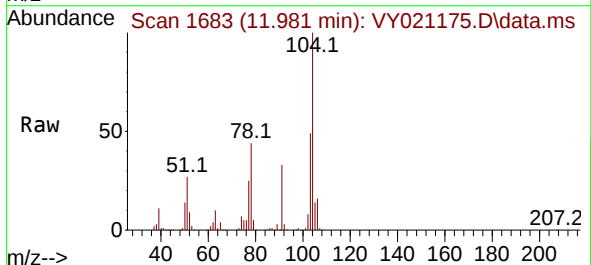
Tgt Ion:106 Resp: 138164
Ion Ratio Lower Upper
106 100
91 217.6 106.5 319.5

Manual Integrations
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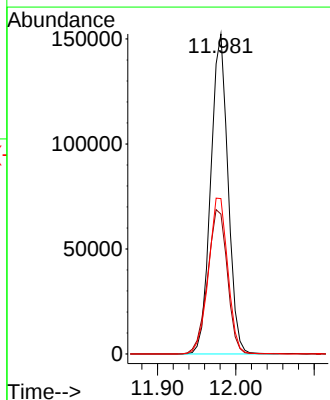
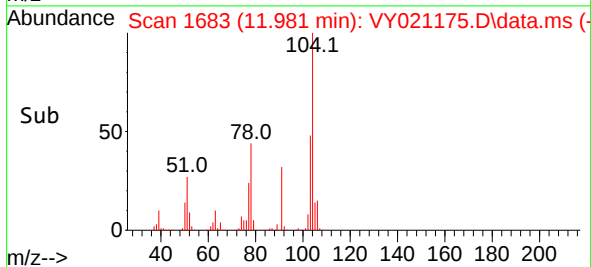
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025

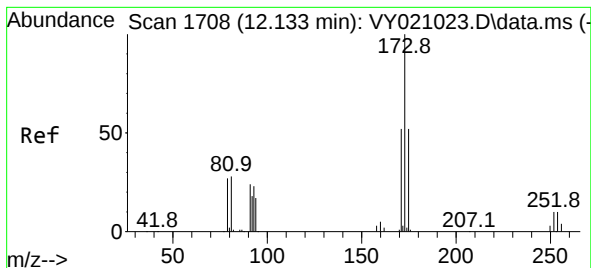


#70
Styrene
Concen: 56.102 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54



Tgt Ion:104 Resp: 232994
Ion Ratio Lower Upper
104 100
78 51.7 39.2 58.8
103 54.6 43.8 65.6





#71

Bromoform

Concen: 57.634 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

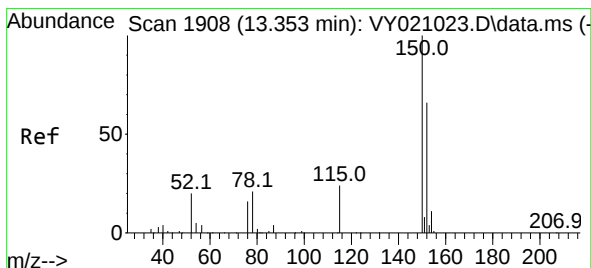
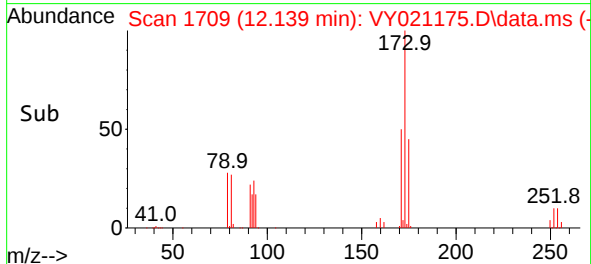
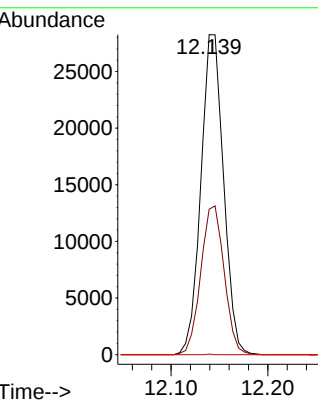
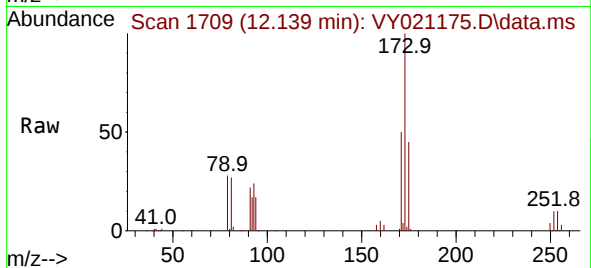
VSTDCCC050

Tgt Ion:173 Resp: 46048
 Ion Ratio Lower Upper
 173 100
 175 47.9 23.5 70.6
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025
 Supervised By :Semsettin Yesilyurt 02/13/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

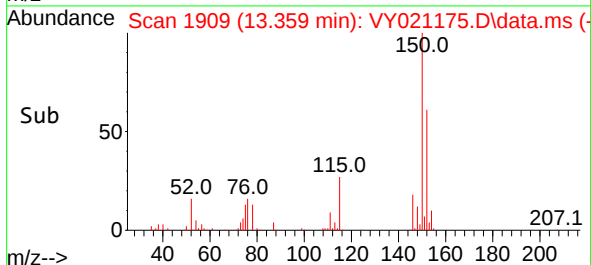
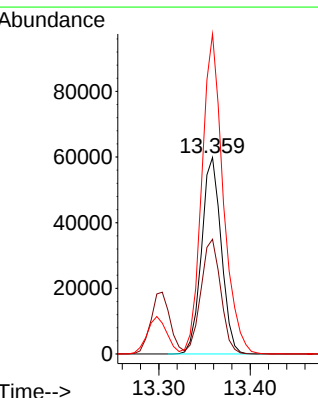
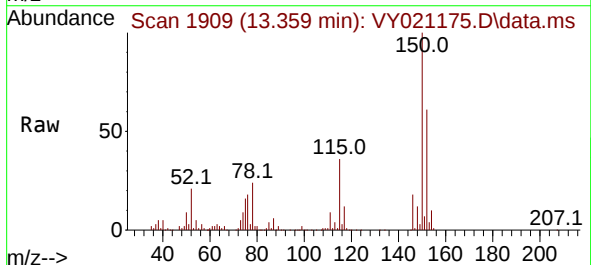
RT: 13.359 min Scan# 1909

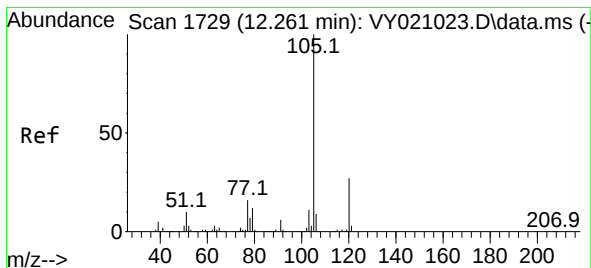
Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Tgt Ion:152 Resp: 89486
 Ion Ratio Lower Upper
 152 100
 115 58.8 30.0 90.0
 150 176.1 0.0 344.6





#73

Isopropylbenzene

Concen: 53.830 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. -0.000 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 37627

Ion Ratio Lower Upper

105 100

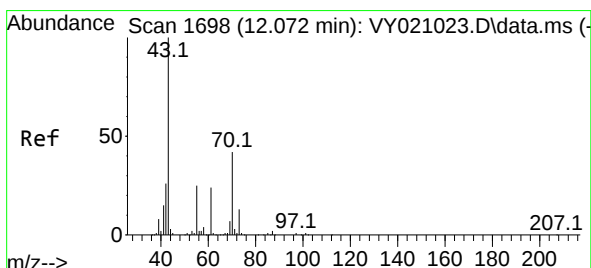
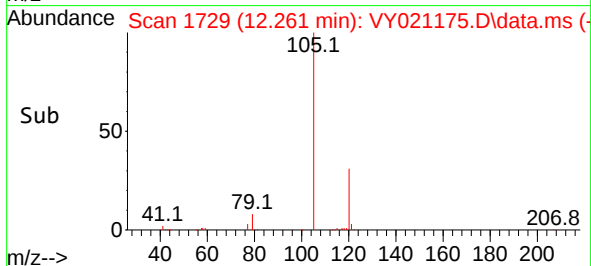
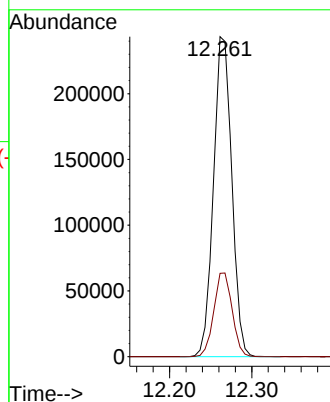
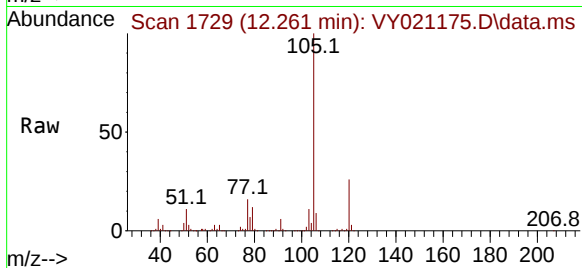
120 26.2 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025

Supervised By :Semsettin Yesilyurt 02/13/2025



#74

N-ethyl acetate

Concen: 58.425 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Tgt Ion: 43 Resp: 89288

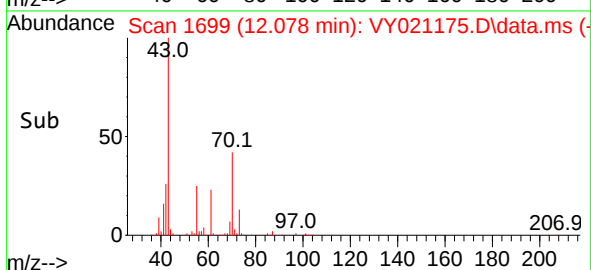
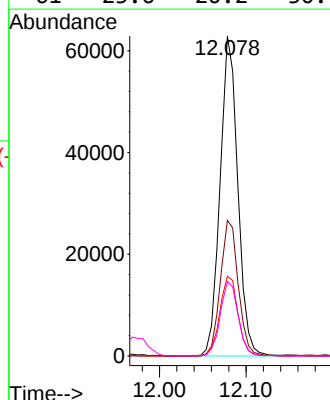
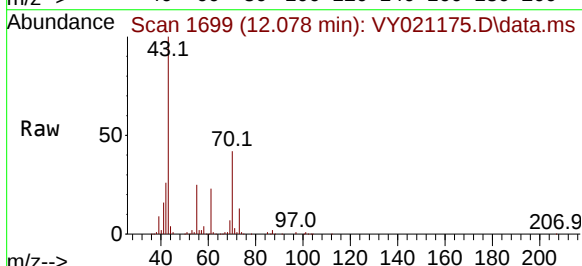
Ion Ratio Lower Upper

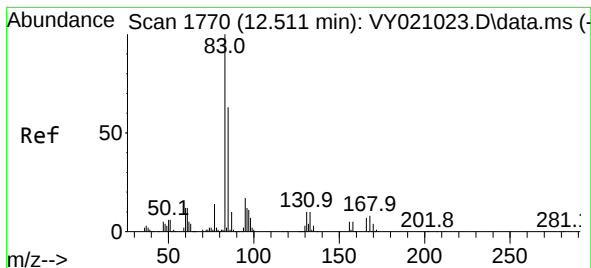
43 100

70 42.8 36.6 55.0

55 25.7 22.2 33.4

61 23.6 20.2 30.4





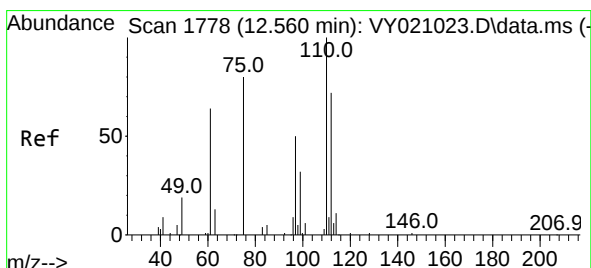
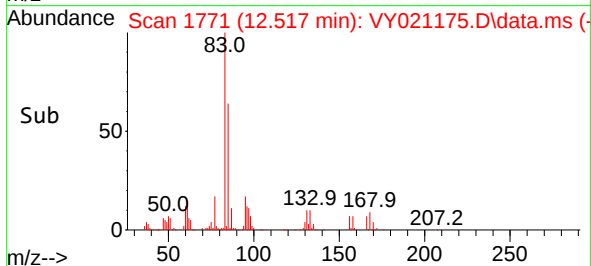
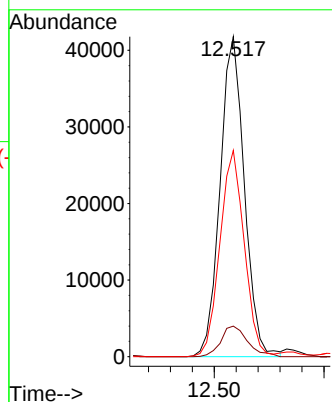
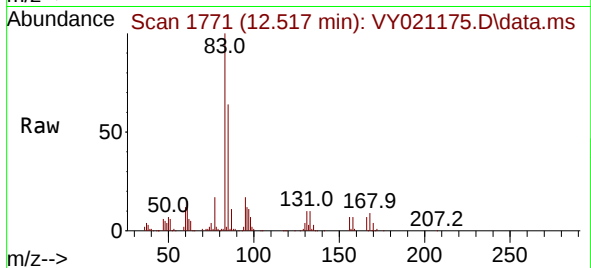
#75
1,1,2,2-Tetrachloroethane
Concen: 55.286 ug/l
RT: 12.517 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 64272
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.6
85 64.5 32.6 98.0

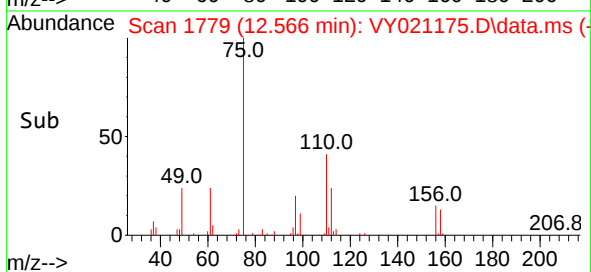
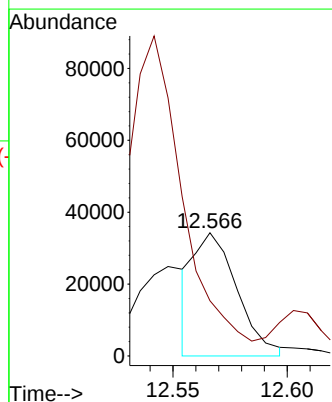
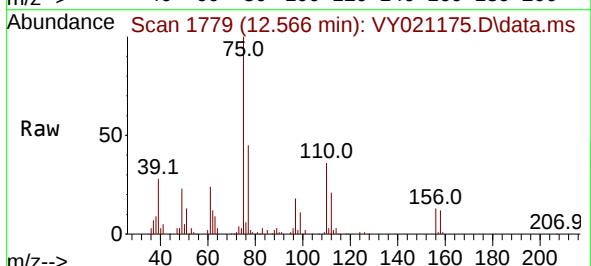
Manual Integrations
APPROVED

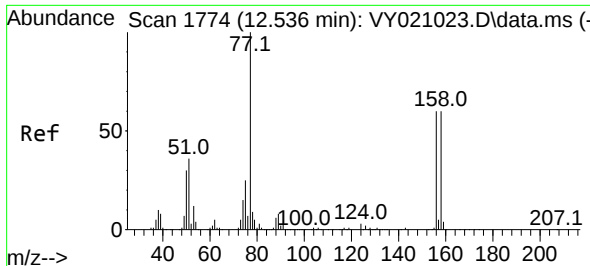
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#76
1,2,3-Trichloropropane
Concen: 55.941 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Tgt Ion: 75 Resp: 45410
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





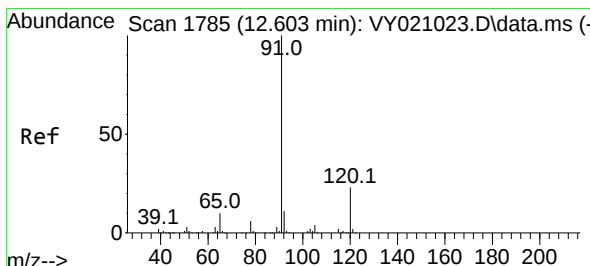
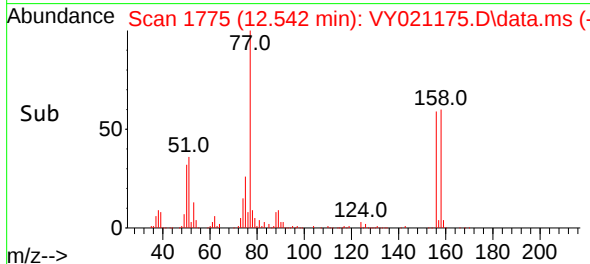
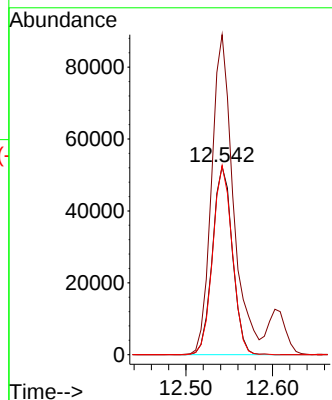
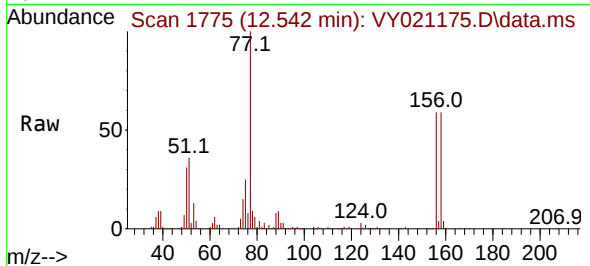
#77
Bromobenzene
Concen: 51.940 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 8378
Ion Ratio Lower Upper
156 100
77 184.4 97.3 291.8
158 98.9 48.4 145.0

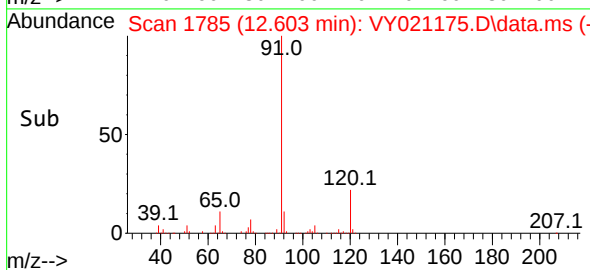
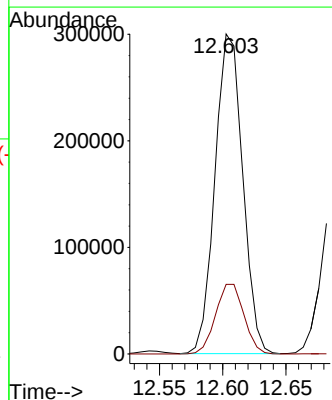
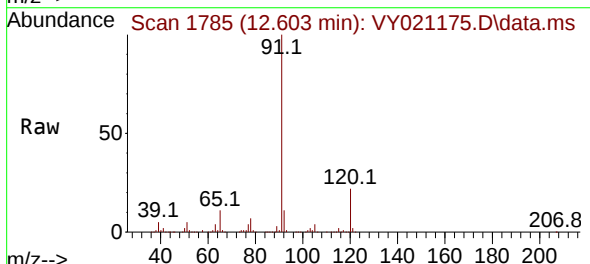
Manual Integrations
APPROVED

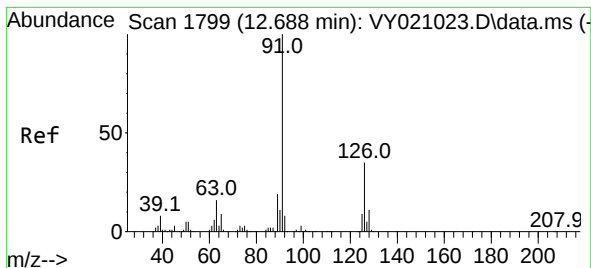
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#78
n-propylbenzene
Concen: 54.847 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Tgt Ion: 91 Resp: 456699
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





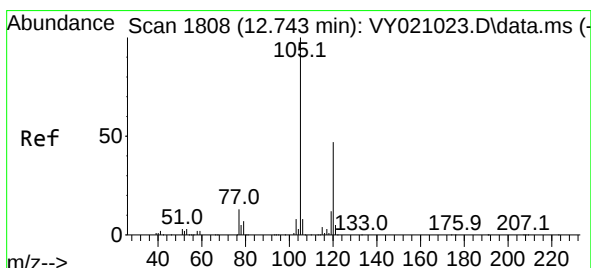
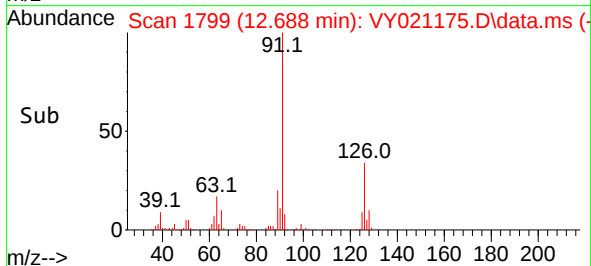
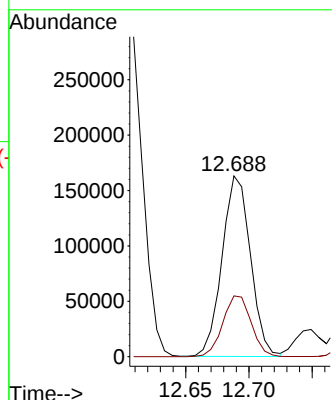
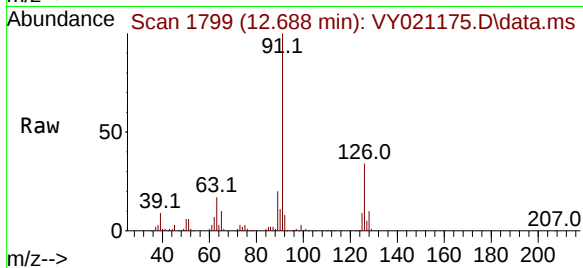
#79
2-Chlorotoluene
Concen: 53.405 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 254698
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0

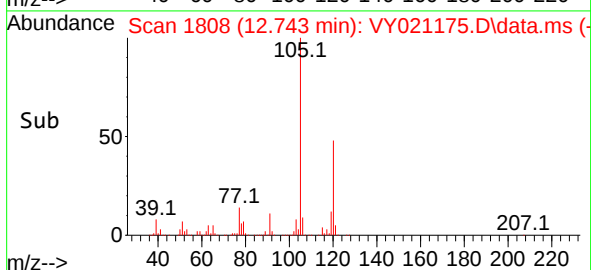
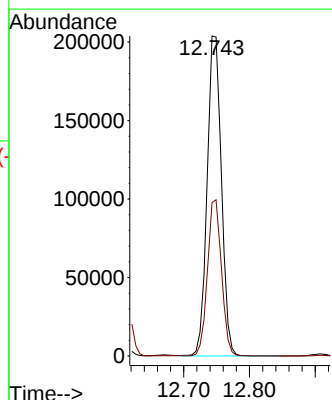
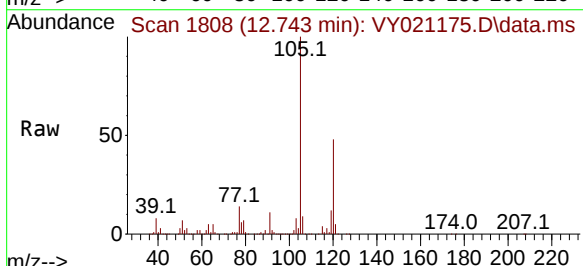
Manual Integrations
APPROVED

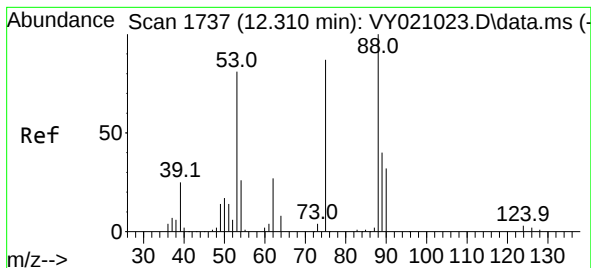
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.379 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Tgt Ion:105 Resp: 308186
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8





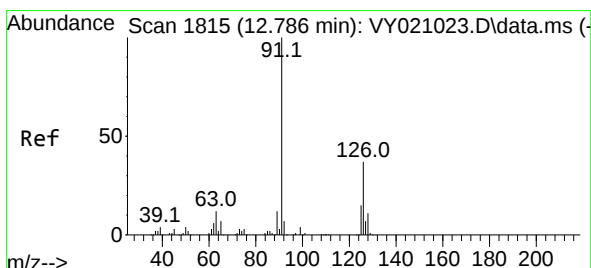
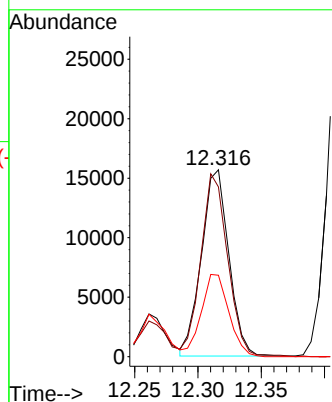
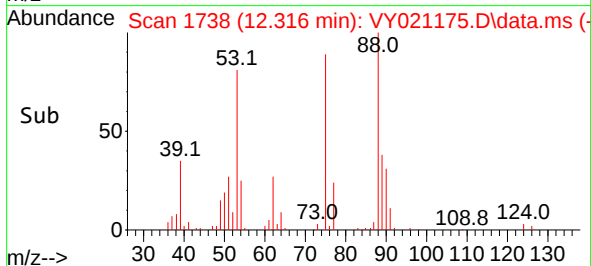
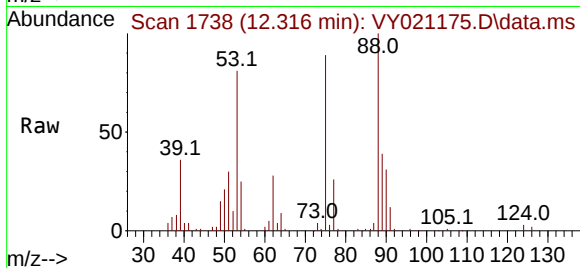
#81
trans-1,4-Dichloro-2-butene
Concen: 59.411 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2363
Ion Ratio Lower Upper
75 100
53 96.5 74.0 111.0
89 44.6 36.5 54.7

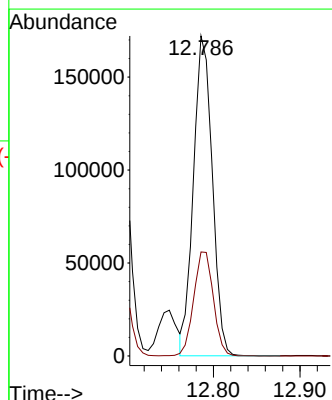
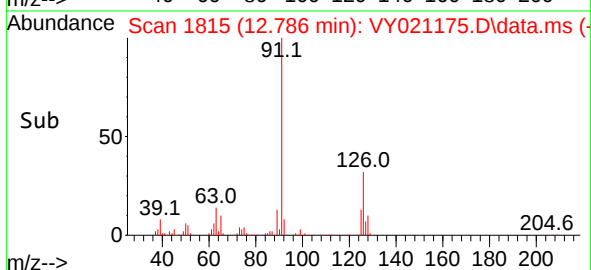
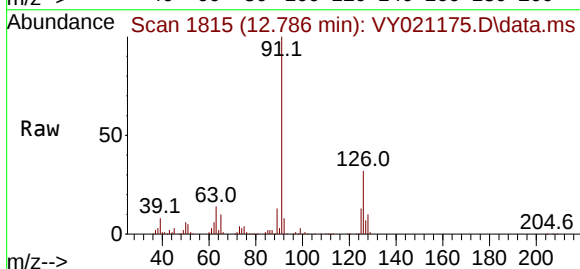
Manual Integrations
APPROVED

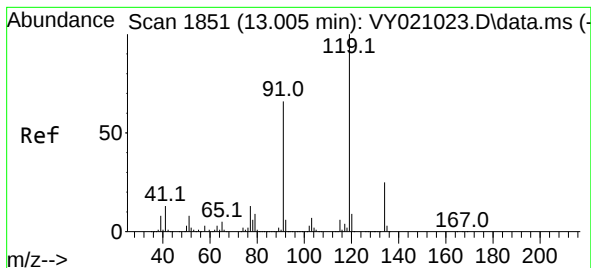
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#82
4-Chlorotoluene
Concen: 53.522 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Tgt Ion: 91 Resp: 260069
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 52.422 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

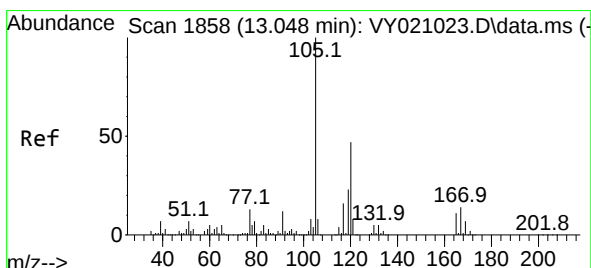
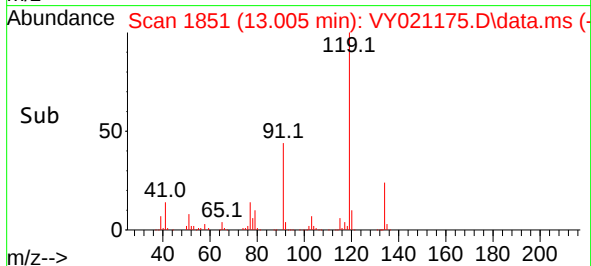
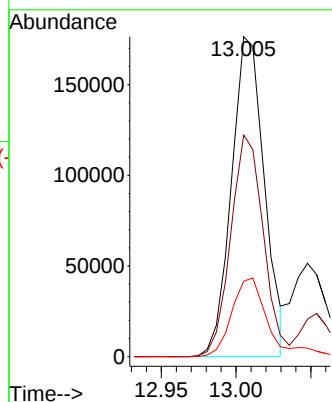
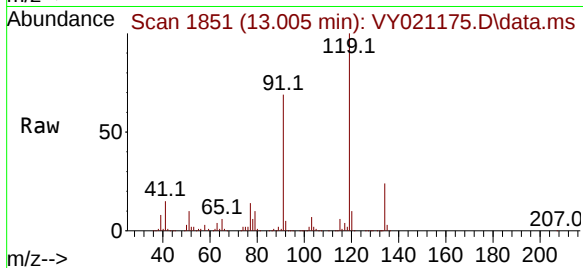
Tgt Ion:119 Resp: 270049

Ion	Ratio	Lower	Upper
119	100		
91	68.8	31.5	94.5
134	27.2	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#84

1,2,4-Trimethylbenzene

Concen: 55.561 ug/l

RT: 13.054 min Scan# 1859

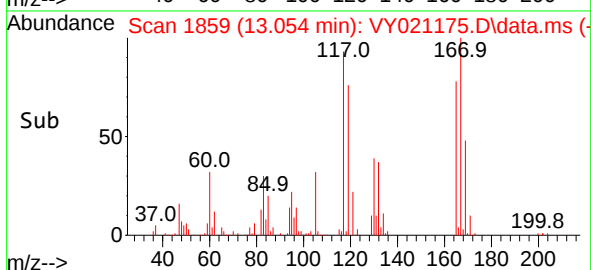
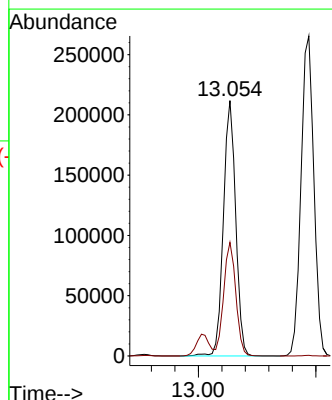
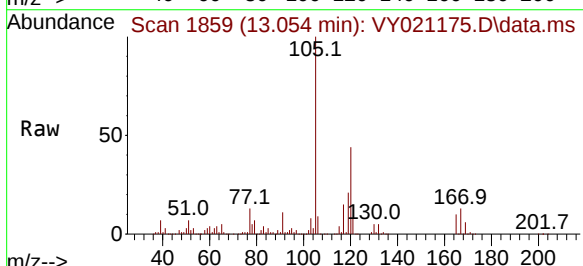
Delta R.T. 0.006 min

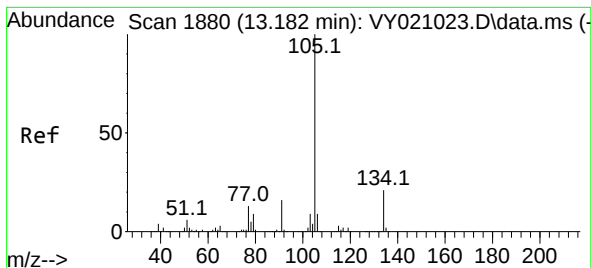
Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Tgt Ion:105 Resp: 307884

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.3





#85

sec-Butylbenzene

Concen: 54.258 ug/l

RT: 13.188 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 402339

Ion Ratio Lower Upper

105 100

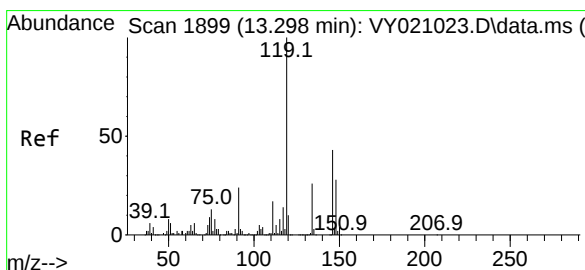
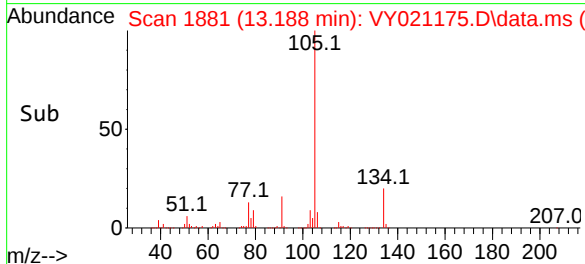
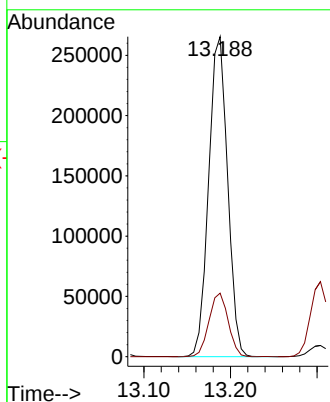
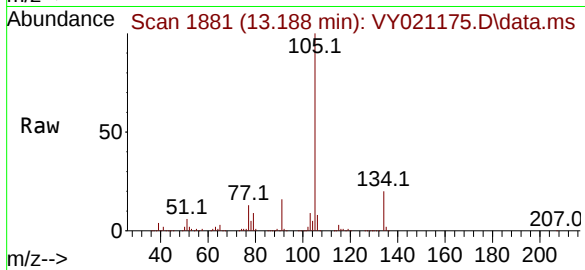
134 20.2 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025

Supervised By :Semsettin Yesilyurt 02/13/2025



#86

p-Isopropyltoluene

Concen: 55.140 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

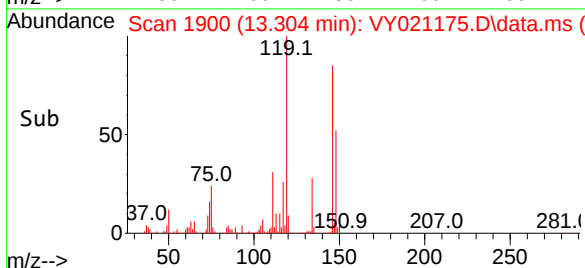
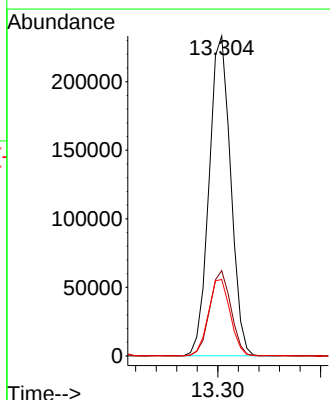
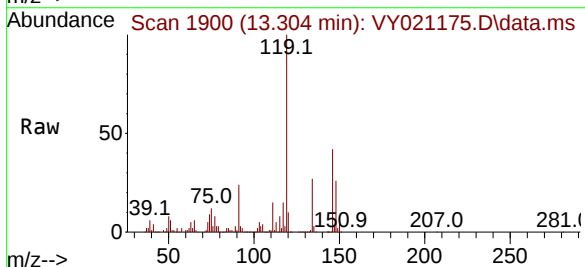
Tgt Ion:119 Resp: 339644

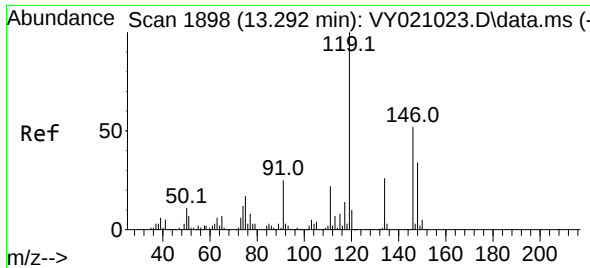
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

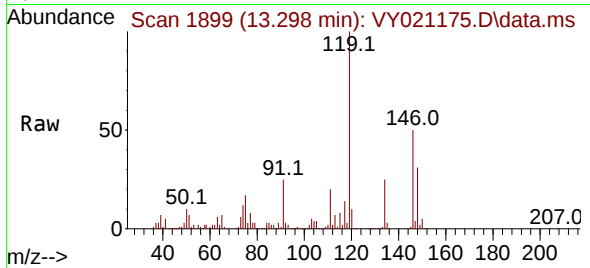
91 24.3 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 53.821 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

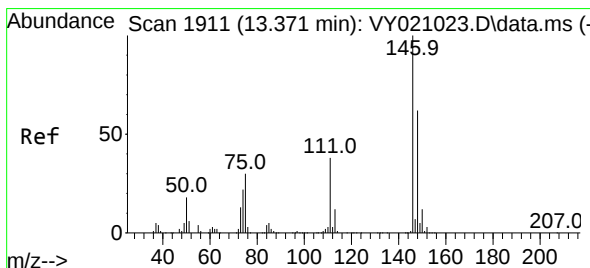
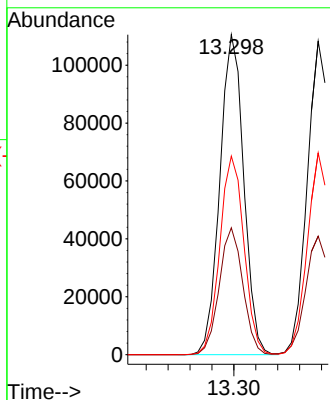
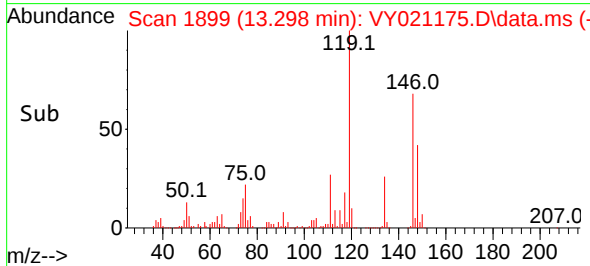
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



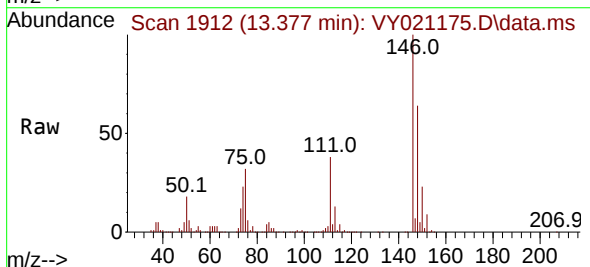
Tgt Ion:146 Resp: 167634
Ion Ratio Lower Upper
146 100
111 39.2 20.2 60.5
148 62.7 31.9 95.9

Manual Integrations
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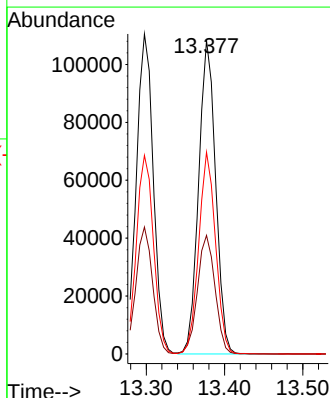
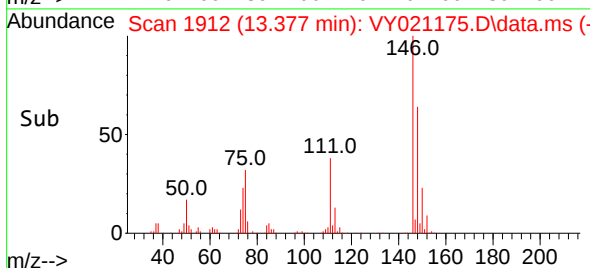
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025

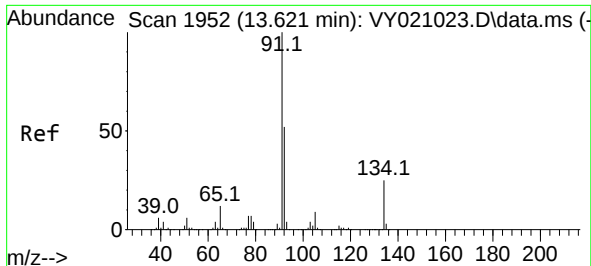


#88
1,4-Dichlorobenzene
Concen: 53.251 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54



Tgt Ion:146 Resp: 163305
Ion Ratio Lower Upper
146 100
111 39.2 19.3 57.9
148 63.9 31.6 94.7





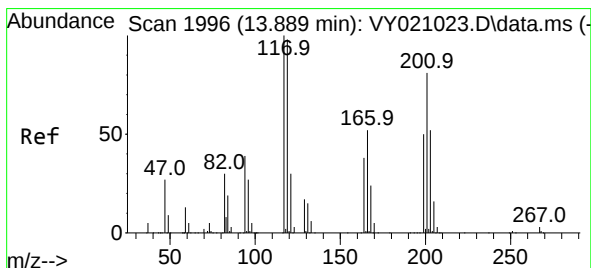
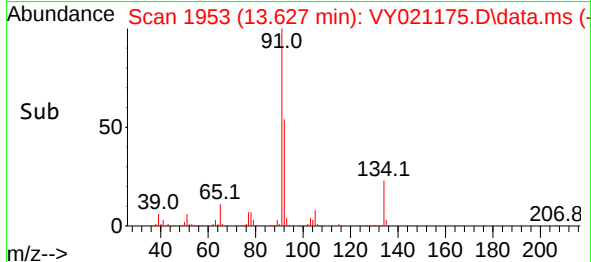
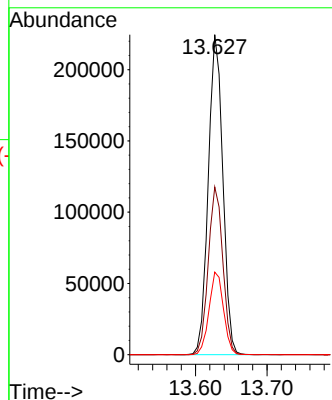
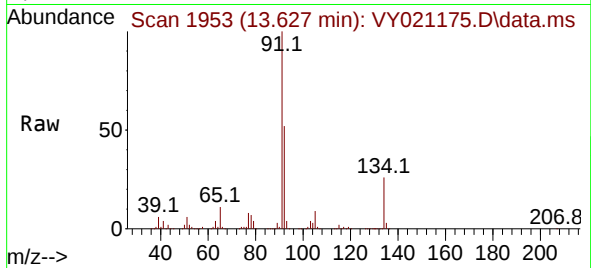
#89
n-Butylbenzene
Concen: 56.451 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31721
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 25.8 12.3 36.8

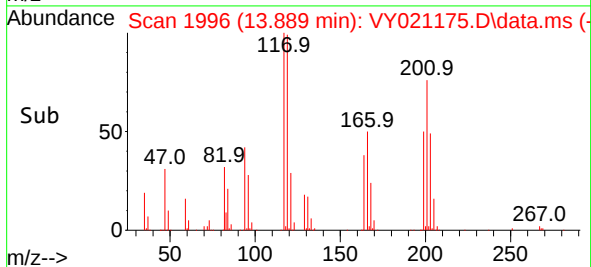
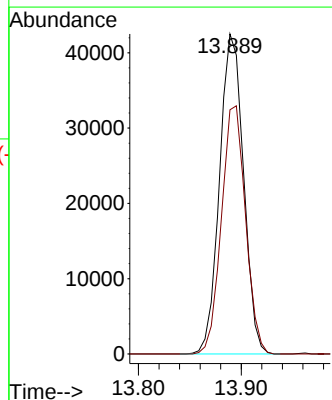
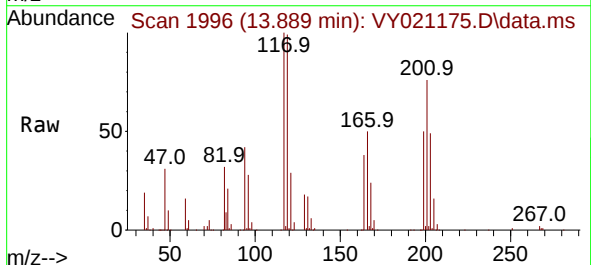
Manual Integrations
APPROVED

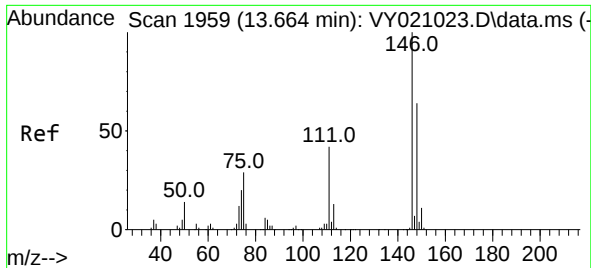
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#90
Hexachloroethane
Concen: 53.512 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

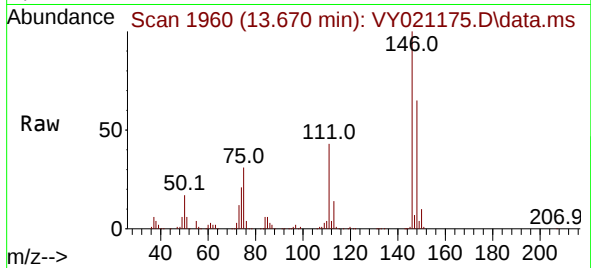
Tgt Ion:117 Resp: 68764
Ion Ratio Lower Upper
117 100
201 77.8 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 52.913 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

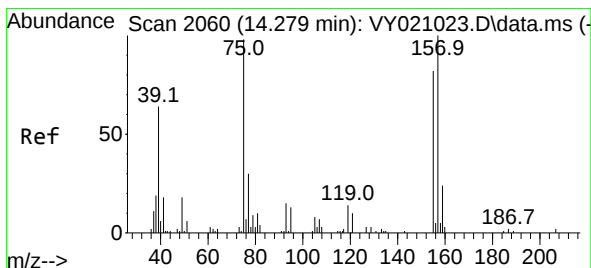
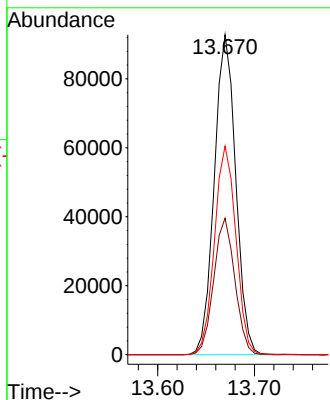
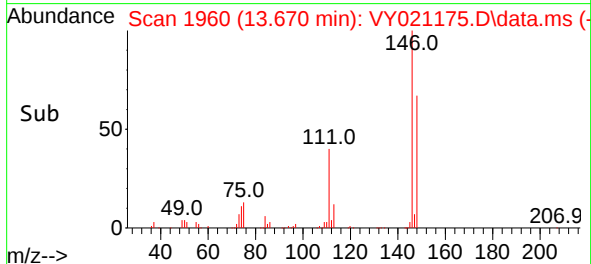
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 14304
Ion Ratio Lower Upper
146 100
111 42.0 20.5 61.6
148 65.2 31.4 94.3

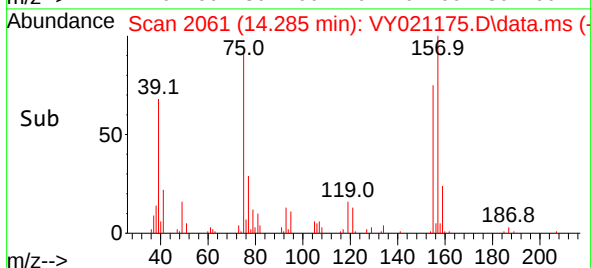
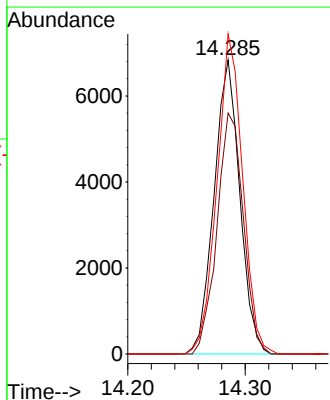
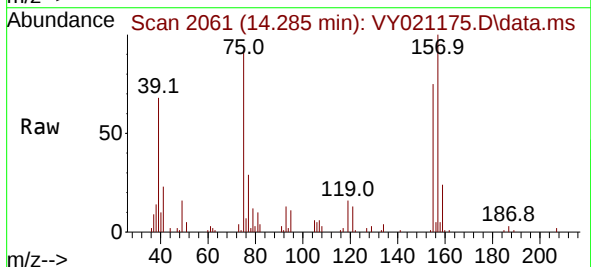
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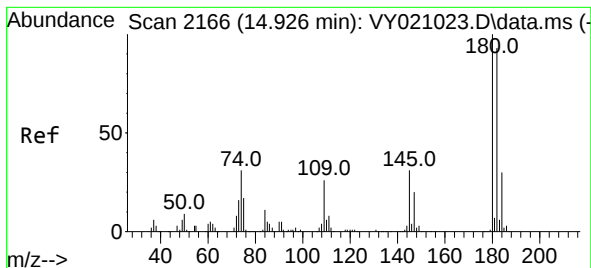
Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.859 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021175.D
Acq: 12 Feb 2025 09:54

Tgt Ion: 75 Resp: 10399
Ion Ratio Lower Upper
75 100
155 83.9 42.1 126.3
157 108.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 57.136 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

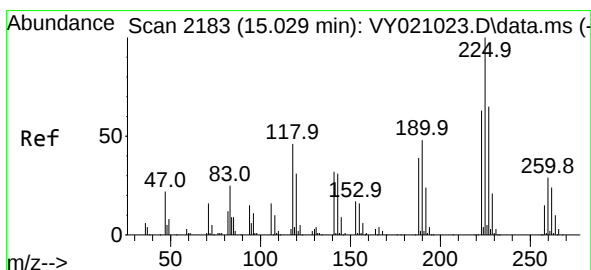
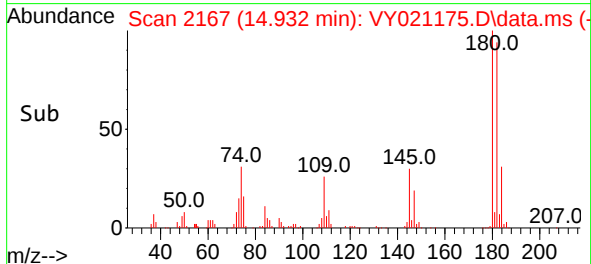
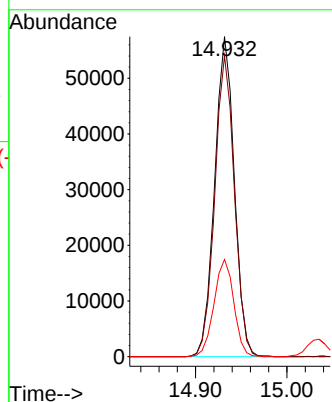
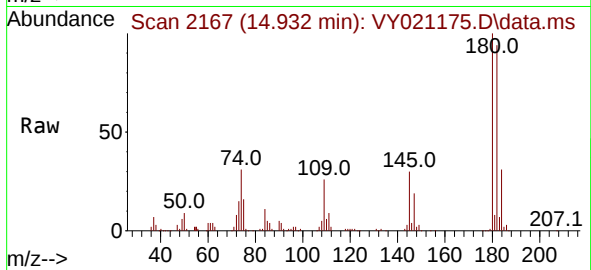
VSTDCCC050

Tgt Ion:180	Resp:	8597
Ion Ratio	Lower	Upper
180	100	
182	93.9	47.9 143.7
145	30.6	15.9 47.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/13/2025
Supervised By :Semsettin Yesilyurt 02/13/2025



#94

Hexachlorobutadiene

Concen: 54.763 ug/l

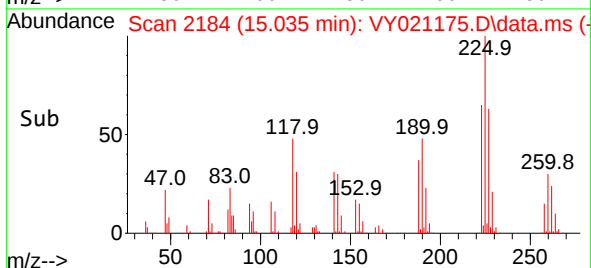
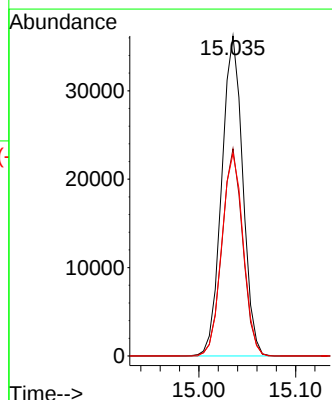
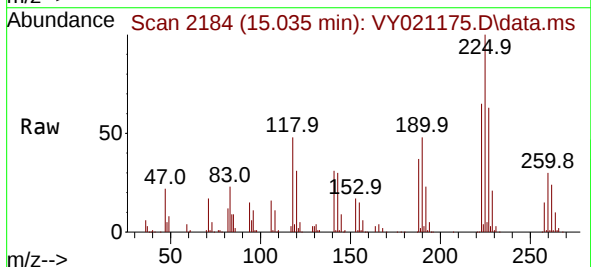
RT: 15.035 min Scan# 2184

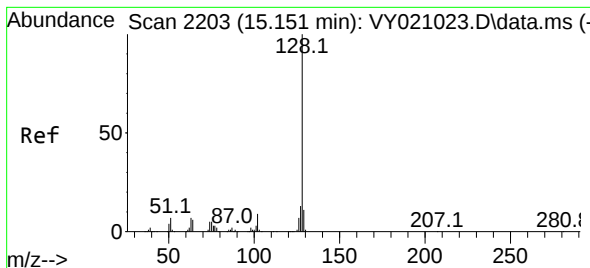
Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Tgt Ion:225	Resp:	54608
Ion Ratio	Lower	Upper
225	100	
223	63.7	31.4 94.3
227	64.2	32.3 96.8





#95

Naphthalene

Concen: 61.406 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 14783

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

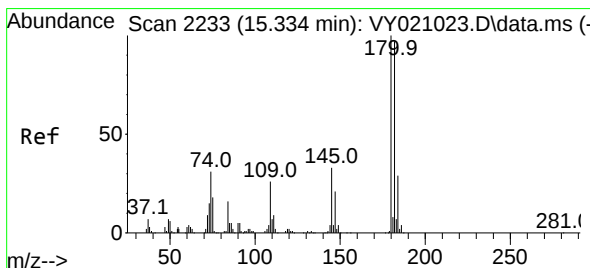
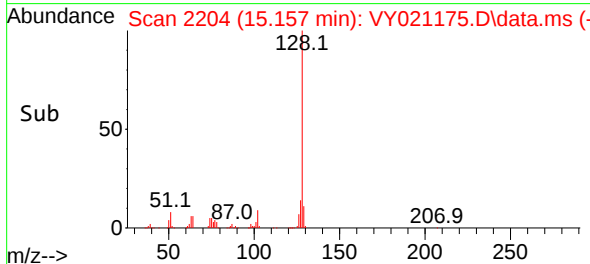
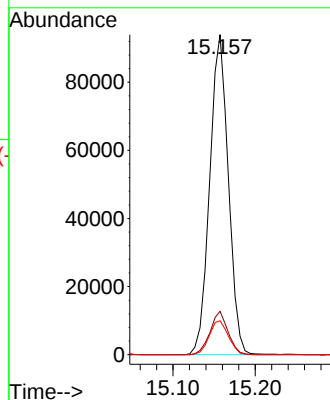
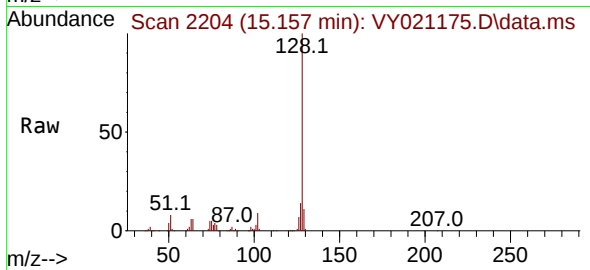
129 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/13/2025

Supervised By :Semsettin Yesilyurt 02/13/2025



#96

1,2,3-Trichlorobenzene

Concen: 56.777 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021175.D

Acq: 12 Feb 2025 09:54

Tgt Ion:180 Resp: 71100

Ion Ratio Lower Upper

180 100

182 97.2 46.3 138.8

145 32.8 16.1 48.2

