

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021021.D
 Acq On : 03 Feb 2025 10:57
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 03 12:38:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 12:36:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	182294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	285332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	239030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	115682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	20294	13.075	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	26.160%#		
35) Dibromofluoromethane	7.646	113	18627	10.859	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.720%#		
50) Toluene-d8	10.109	98	70569	10.540	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	21.080%#		
62) 4-Bromofluorobenzene	12.414	95	23279	10.362	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	20.720%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	15959	10.296	ug/l	99
3) Chloromethane	2.074	50	16219	16.458	ug/l	98
4) Vinyl Chloride	2.208	62	16094	15.839	ug/l	93
5) Bromomethane	2.604	94	10042	14.599	ug/l	99
6) Chloroethane	2.745	64	9830	16.561	ug/l	95
7) Trichlorofluoromethane	3.068	101	29663	12.097	ug/l	90
8) Diethyl Ether	3.458	74	9330	12.745	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.824	101	18483	11.194	ug/l	96
10) Methyl Iodide	4.019	142	19381	10.258	ug/l	98
11) Tert butyl alcohol	4.860	59	7158m	63.135	ug/l	
12) 1,1-Dichloroethene	3.799	96	17176	11.131	ug/l	90
13) Acrolein	3.665	56	10409	79.726	ug/l	96
14) Allyl chloride	4.391	41	28376	13.358	ug/l	93
15) Acrylonitrile	5.074	53	19104	63.446	ug/l	97
16) Acetone	3.879	43	15112	71.438	ug/l #	86
17) Carbon Disulfide	4.116	76	53088	11.171	ug/l	100
18) Methyl Acetate	4.397	43	10297	13.911	ug/l	94
19) Methyl tert-butyl Ether	5.128	73	43216	12.033	ug/l	96
20) Methylene Chloride	4.622	84	18455	11.829	ug/l	89
21) trans-1,2-Dichloroethene	5.128	96	18903	11.426	ug/l	100
22) Diisopropyl ether	6.031	45	59888	13.831	ug/l #	89
23) Vinyl Acetate	5.970	43	166437	69.409	ug/l	94
24) 1,1-Dichloroethane	5.927	63	34569	12.375	ug/l	99
25) 2-Butanone	6.902	43	24268	67.624	ug/l	93
26) 2,2-Dichloropropane	6.896	77	32771	11.915	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	21309	11.206	ug/l	91
28) Bromochloromethane	7.256	49	13417	12.892	ug/l	86
29) Tetrahydrofuran	7.274	42	16758	69.395	ug/l	92
30) Chloroform	7.427	83	37054	12.247	ug/l	100
31) Cyclohexane	7.707	56	32272	11.819	ug/l #	88
32) 1,1,1-Trichloroethane	7.628	97	32862	11.223	ug/l	95
36) 1,1-Dichloropropene	7.847	75	26479	10.820	ug/l	96
37) Ethyl Acetate	6.994	43	11876	13.017	ug/l	97
38) Carbon Tetrachloride	7.823	117	31462	10.389	ug/l	96
39) Methylcyclohexane	9.115	83	31392	9.549	ug/l	90
40) Benzene	8.085	78	78846	10.950	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	7195m	14.253	ug/l	
42) 1,2-Dichloroethane	8.164	62	22281	12.201	ug/l	99
43) Isopropyl Acetate	8.207	43	23795	13.055	ug/l #	84
44) Trichloroethene	8.872	130	20261	10.197	ug/l	100
45) 1,2-Dichloropropane	9.146	63	18765	11.627	ug/l	96
46) Dibromomethane	9.237	93	10511	11.191	ug/l	94
47) Bromodichloromethane	9.432	83	28538	11.570	ug/l	96
48) Methyl methacrylate	9.225	41	10297	11.866	ug/l	93
49) 1,4-Dioxane	9.231	88	1885	188.876	ug/l #	89
51) 4-Methyl-2-Pentanone	10.006	43	60088	64.159	ug/l	94
52) Toluene	10.176	92	48876	10.457	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	24301	10.888	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	29426	11.031	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	13425	10.748	ug/l	96
56) Ethyl methacrylate	10.445	69	16883	10.341	ug/l #	86
57) 1,3-Dichloropropane	10.725	76	23377	11.042	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	41611	60.048	ug/l	95
59) 2-Hexanone	10.768	43	37306	61.283	ug/l	90
60) Dibromochloromethane	10.914	129	18851	10.585	ug/l	100
61) 1,2-Dibromoethane	11.018	107	12746	10.684	ug/l	100
64) Tetrachloroethene	10.652	164	17544	9.730	ug/l	98
65) Chlorobenzene	11.450	112	53298	10.583	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.524	131	19150	10.714	ug/l	99
67) Ethyl Benzene	11.524	91	90783	10.411	ug/l	99
68) m/p-Xylenes	11.633	106	69094	20.624	ug/l	98
69) o-Xylene	11.963	106	31473	10.106	ug/l	96
70) Styrene	11.975	104	53436	10.334	ug/l	98
71) Bromoform	12.139	173	10627	10.088	ug/l #	97
73) Isopropylbenzene	12.261	105	85491	10.522	ug/l	98
74) N-amyl acetate	12.078	43	18529	12.524	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	14942	11.393	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	9090m	9.926	ug/l	
77) Bromobenzene	12.536	156	20634	10.712	ug/l	94
78) n-propylbenzene	12.603	91	102250	10.738	ug/l	97
79) 2-Chlorotoluene	12.688	91	59630	10.991	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	70161	10.541	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	5224	11.842	ug/l	92
82) 4-Chlorotoluene	12.786	91	62279	11.217	ug/l	96
83) tert-Butylbenzene	13.005	119	63506	10.287	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	67906	10.444	ug/l	100
85) sec-Butylbenzene	13.182	105	92610	10.596	ug/l	98
86) p-Isopropyltoluene	13.298	119	74892	10.196	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	39016	10.388	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	39379	10.559	ug/l	95
89) n-Butylbenzene	13.627	91	67632	10.280	ug/l	97
90) Hexachloroethane	13.889	117	16030	10.788	ug/l	95
91) 1,2-Dichlorobenzene	13.670	146	35252	10.763	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2296	11.372	ug/l	87
93) 1,2,4-Trichlorobenzene	14.932	180	17451	8.702	ug/l	98
94) Hexachlorobutadiene	15.029	225	11988	8.631	ug/l	99
95) Naphthalene	15.151	128	27103	8.409	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	14804	8.729	ug/l	99

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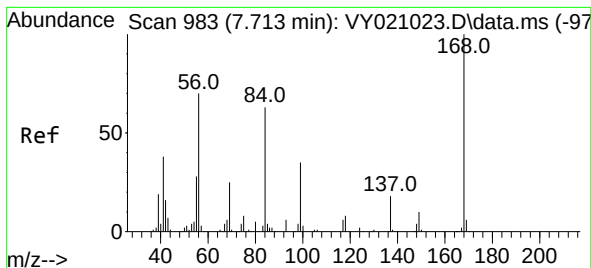
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY021021.D

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Instrument :

MSVOA_Y

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VSTDICC010

Tgt Ion:168 Resp: 182294

Ion Ratio Lower Upper

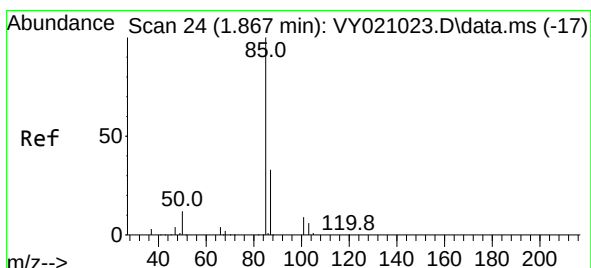
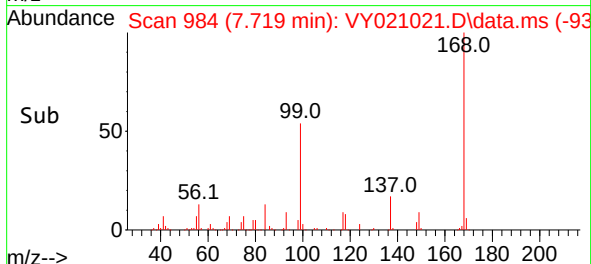
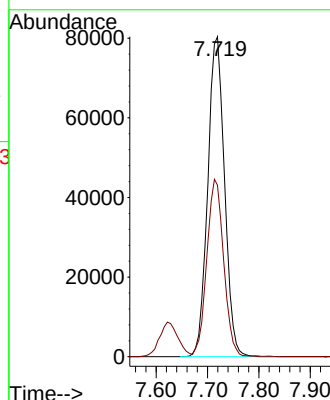
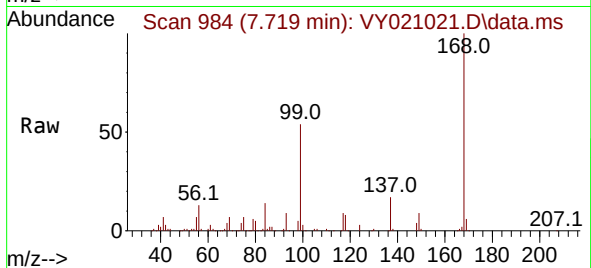
168 100

99 53.6 42.2 63.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 10.296 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY021021.D

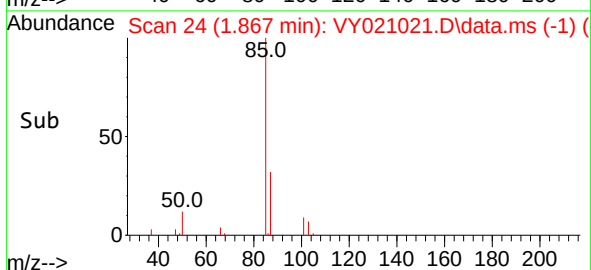
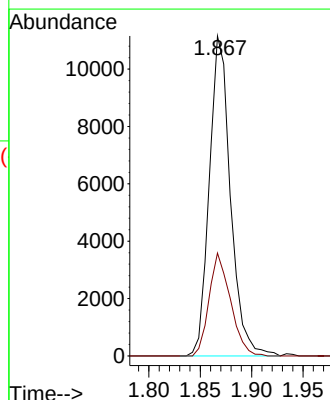
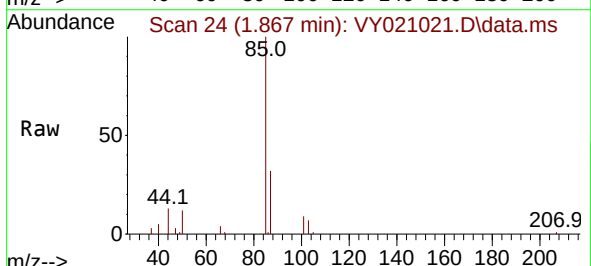
Acq: 03 Feb 2025 10:57

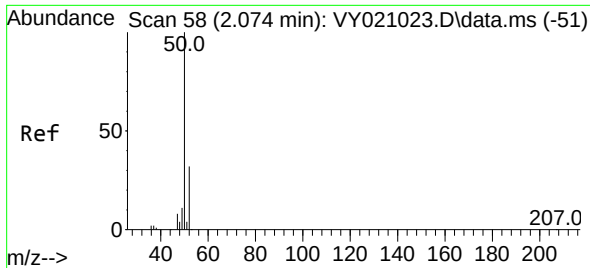
Tgt Ion: 85 Resp: 15959

Ion Ratio Lower Upper

85 100

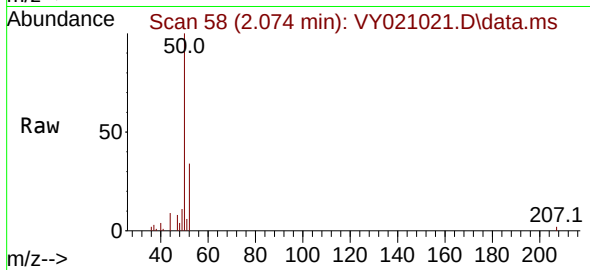
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 16.458 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

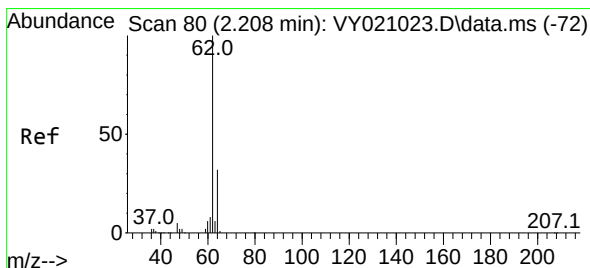
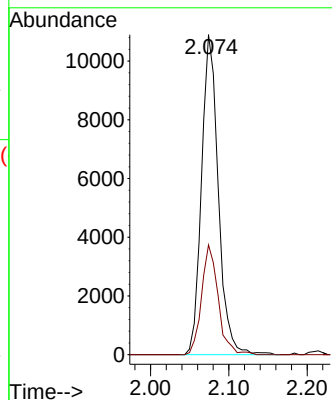
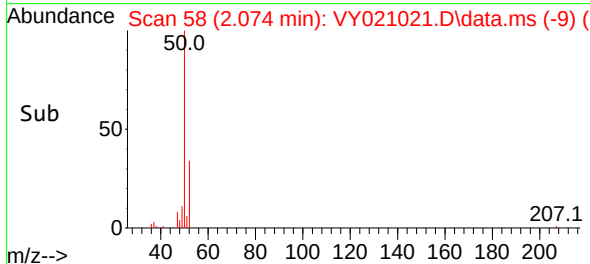
Instrument :
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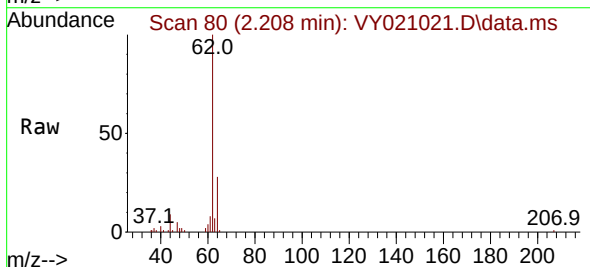
Tgt Ion: 50 Resp: 16219
Ion Ratio Lower Upper
50 100
52 34.3 26.3 39.5

Manual Integrations
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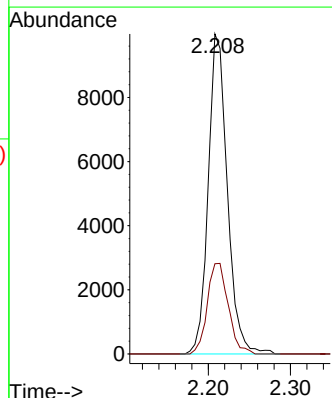
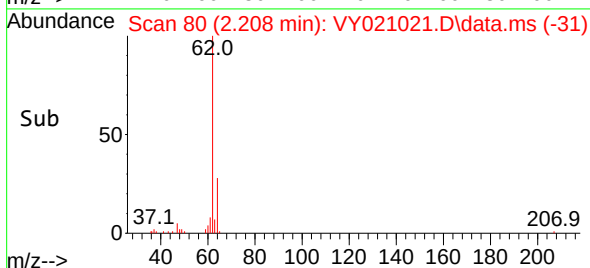
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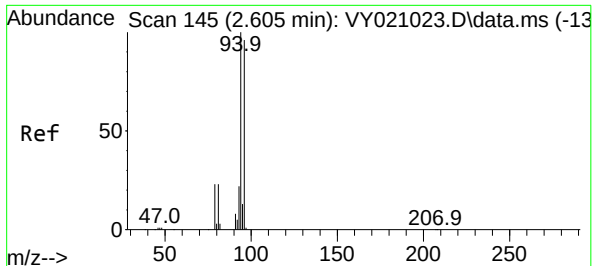


#4
Vinyl Chloride
Concen: 15.839 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57



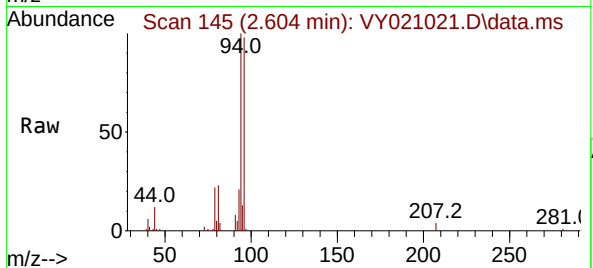
Tgt Ion: 62 Resp: 16094
Ion Ratio Lower Upper
62 100
64 28.2 25.4 38.2





#5
Bromomethane
Concen: 14.599 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

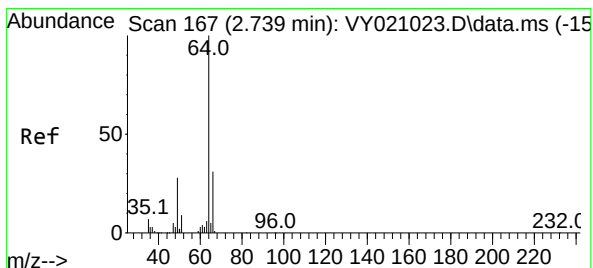
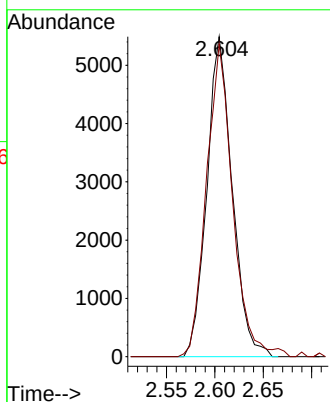
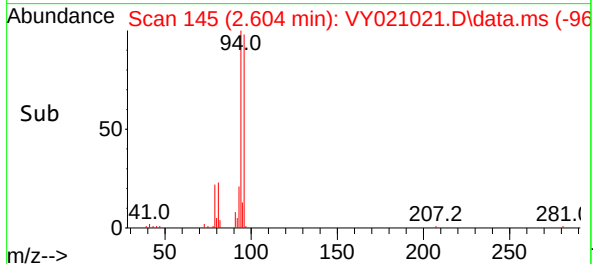
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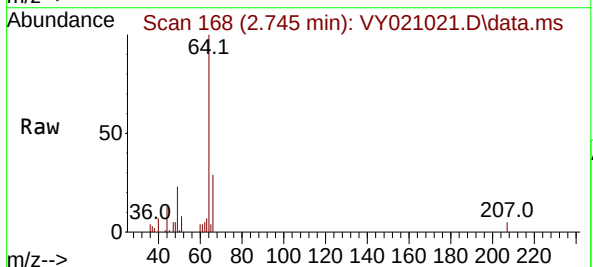
Tgt Ion: 94 Resp: 1004
Ion Ratio Lower Upper
94 100
96 97.7 77.4 116.0

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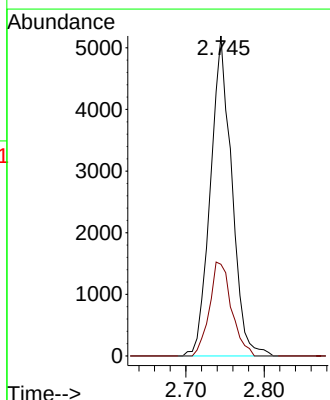
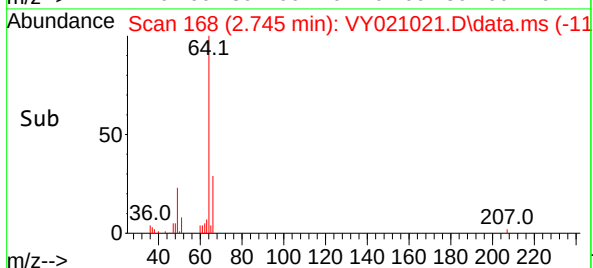
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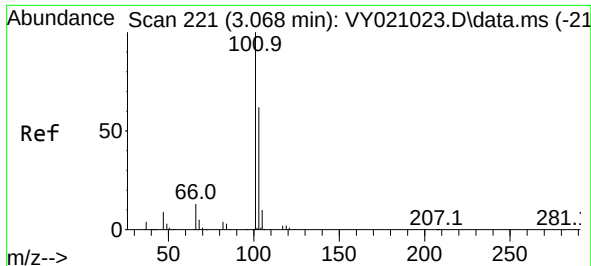


#6
Chloroethane
Concen: 16.561 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
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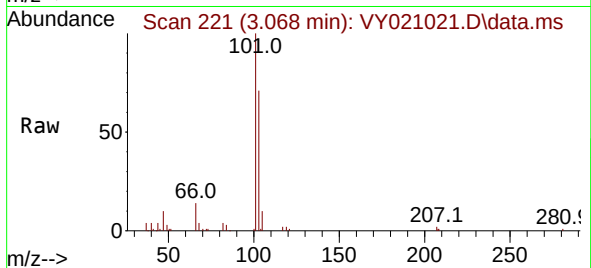
Tgt Ion: 64 Resp: 9830
Ion Ratio Lower Upper
64 100
66 28.6 25.0 37.4





#7
Trichlorofluoromethane
Concen: 12.097 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021021.D
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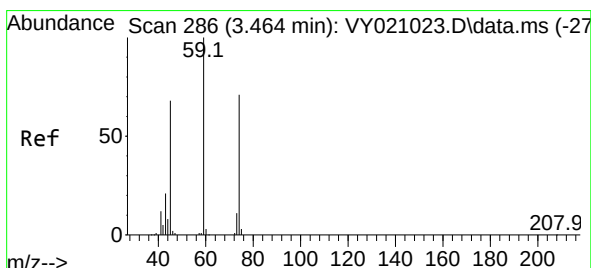
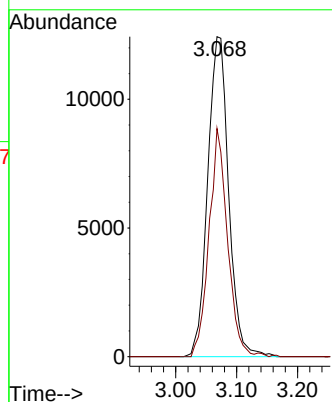
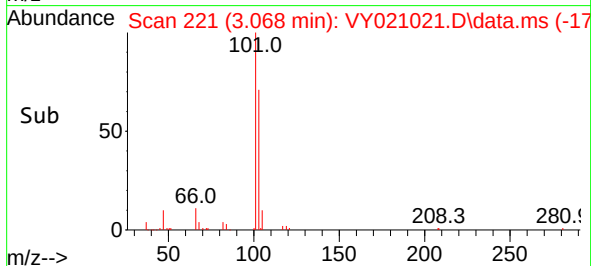
Instrument :
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Tgt Ion:101 Resp: 2966
Ion Ratio Lower Upper
101 100
103 71.3 50.9 76.3

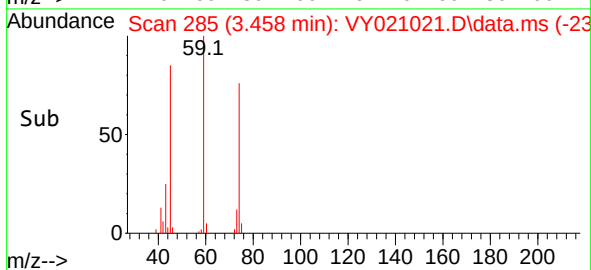
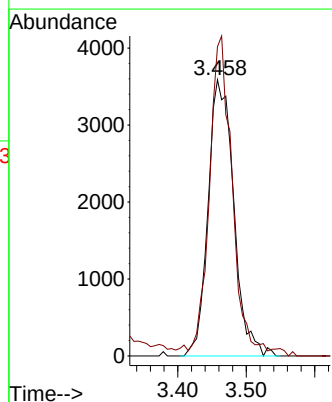
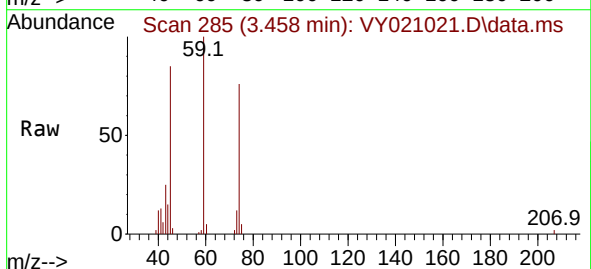
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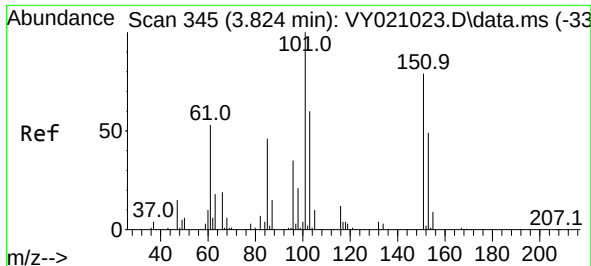
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#8
Diethyl Ether
Concen: 12.745 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 74 Resp: 9330
Ion Ratio Lower Upper
74 100
45 97.0 43.4 130.2





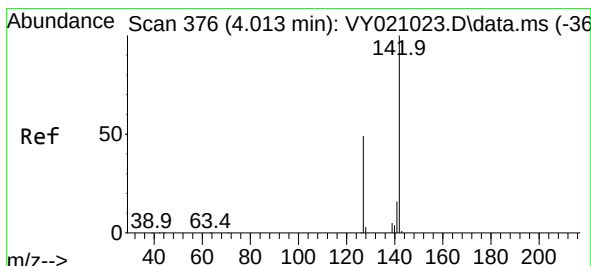
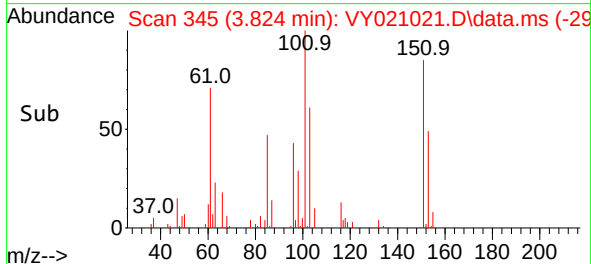
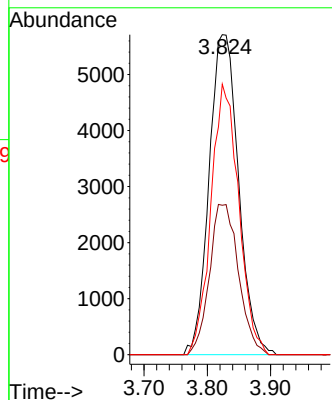
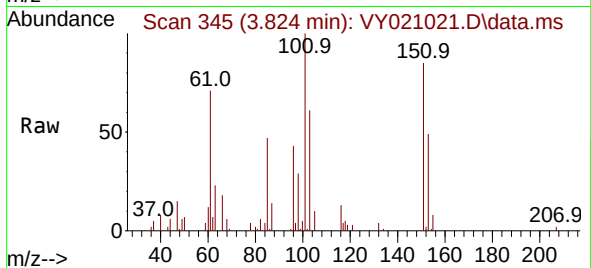
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.194 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

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VSTDICC010

Tgt Ion:101 Resp: 1848
Ion Ratio Lower Upper
101 100
85 46.3 34.9 52.3
151 79.6 66.8 100.2

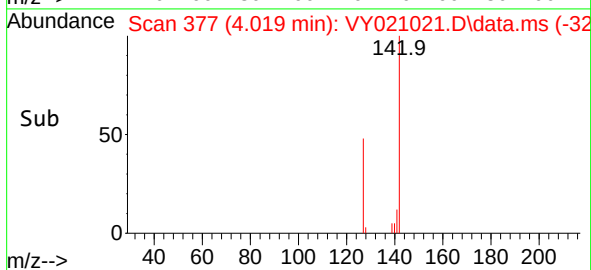
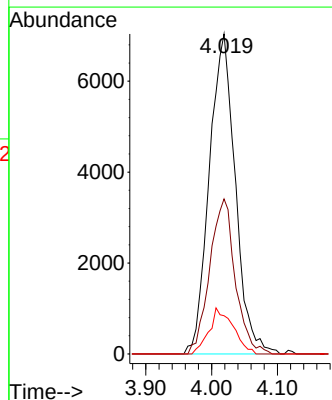
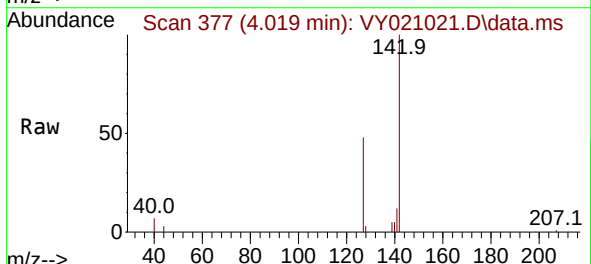
Manual Integrations
APPROVED

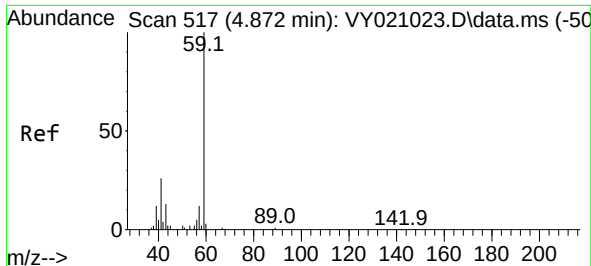
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#10
Methyl Iodide
Concen: 10.258 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:142 Resp: 19381
Ion Ratio Lower Upper
142 100
127 47.5 38.9 58.3
141 13.3 11.7 17.5





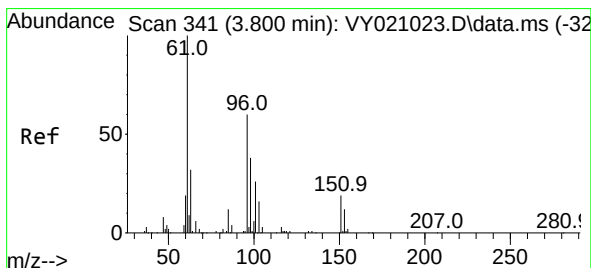
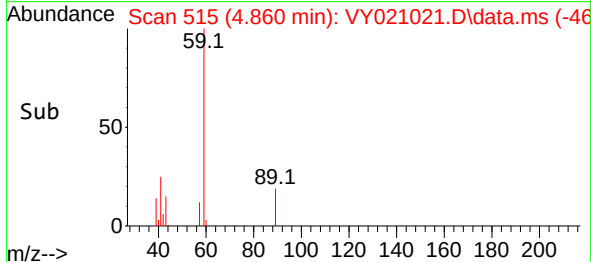
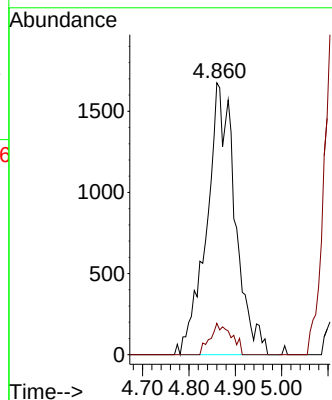
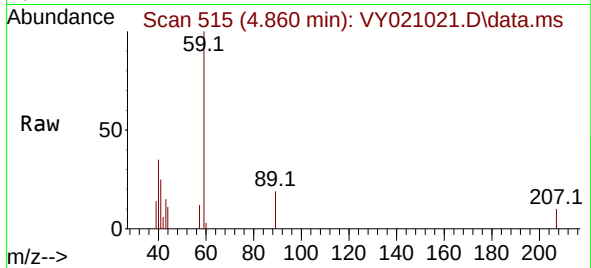
#11
Tert butyl alcohol
Concen: 63.135 ug/l m
RT: 4.860 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 7158
Ion Ratio Lower Upper
59 100
57 8.6 7.8 11.8

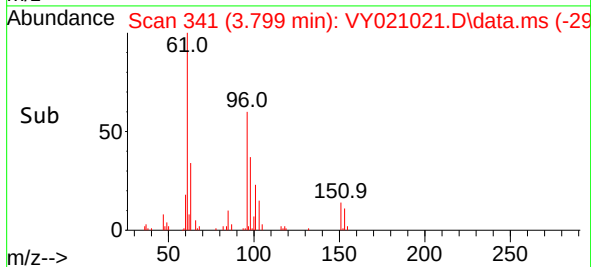
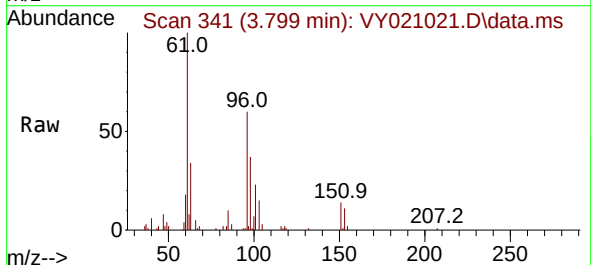
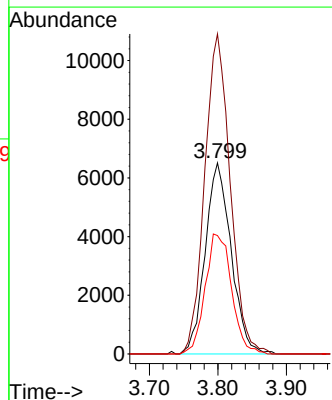
Manual Integrations
APPROVED

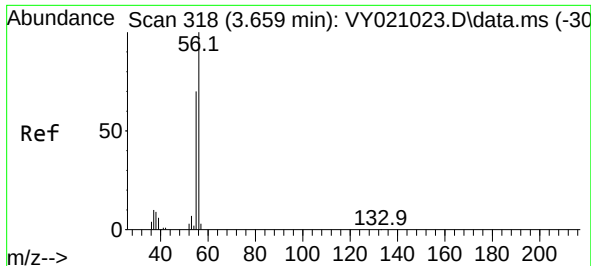
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#12
1,1-Dichloroethene
Concen: 11.131 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 96 Resp: 17176
Ion Ratio Lower Upper
96 100
61 167.5 120.8 181.2
98 62.0 50.6 76.0





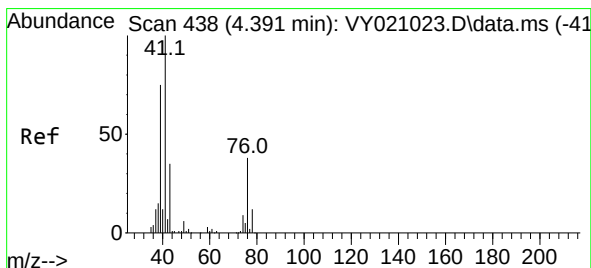
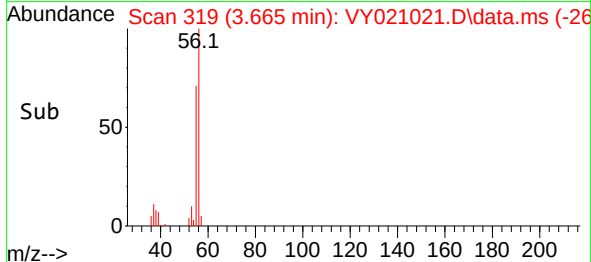
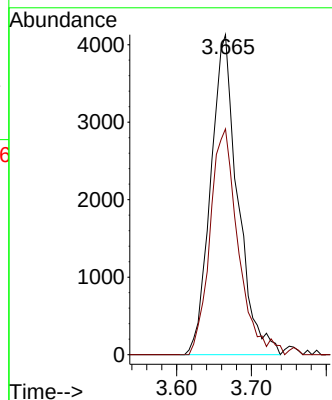
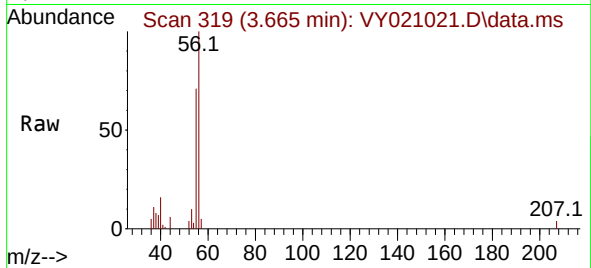
#13
Acrolein
Concen: 79.726 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 10409
Ion Ratio Lower Upper
56 100
55 73.3 56.1 84.1

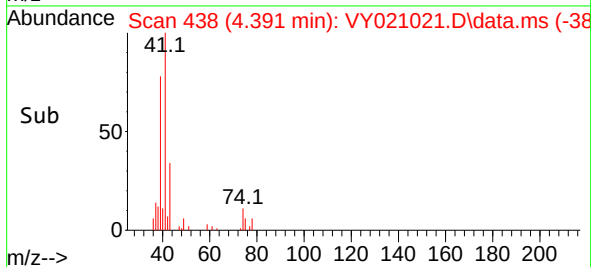
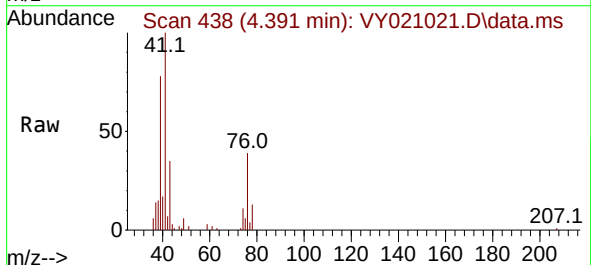
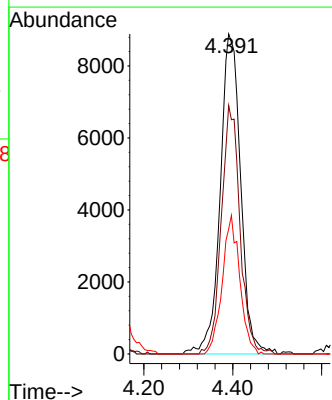
Manual Integrations
APPROVED

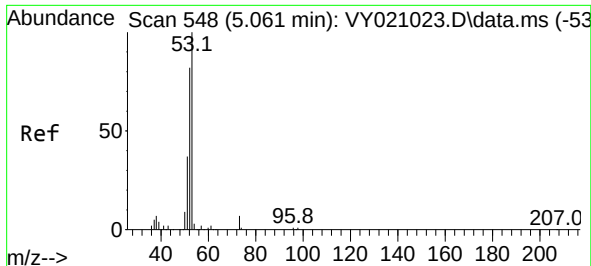
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#14
Allyl chloride
Concen: 13.358 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

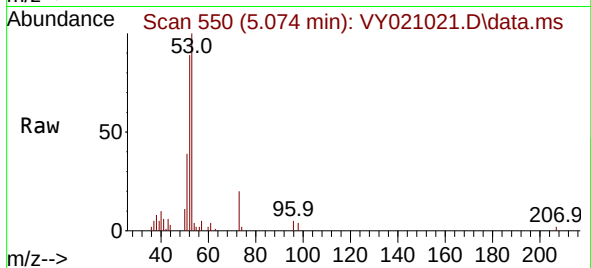
Tgt Ion: 41 Resp: 28376
Ion Ratio Lower Upper
41 100
39 70.7 53.5 80.3
76 37.1 34.6 52.0





#15
Acrylonitrile
Concen: 63.446 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

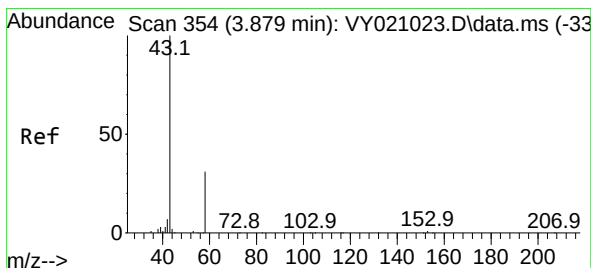
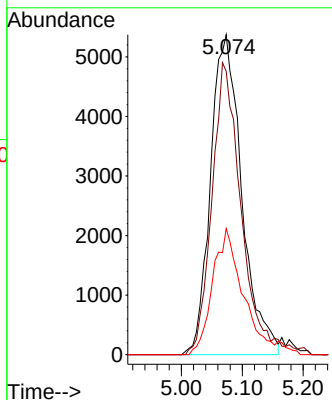
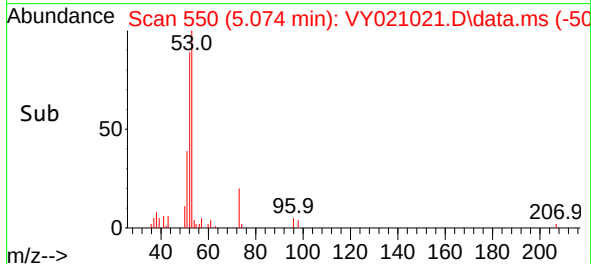
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 19104
Ion Ratio Lower Upper
53 100
52 86.0 66.2 99.4
51 38.0 29.4 44.0

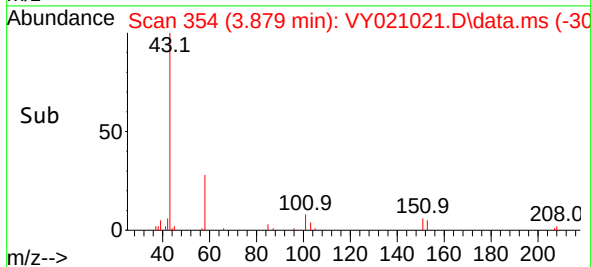
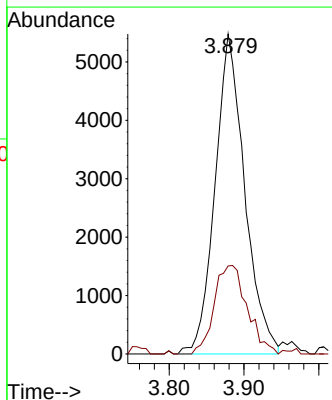
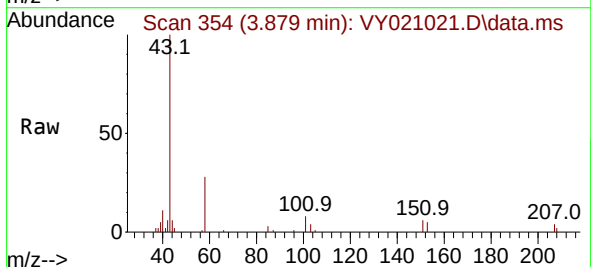
Manual Integrations
APPROVED

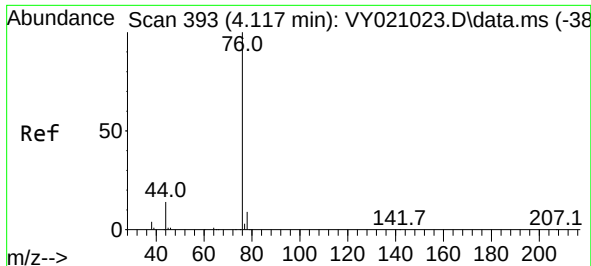
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#16
Acetone
Concen: 71.438 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 15112
Ion Ratio Lower Upper
43 100
58 27.5 28.4 42.6#





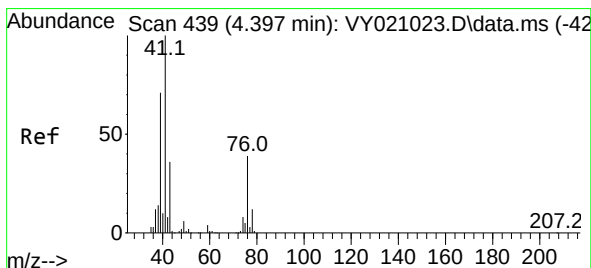
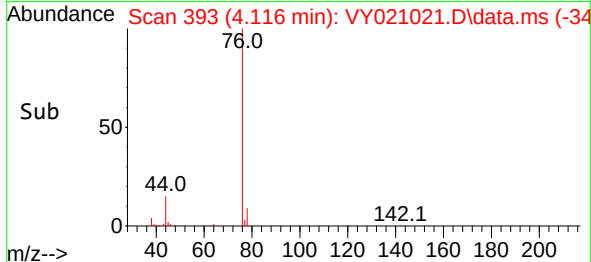
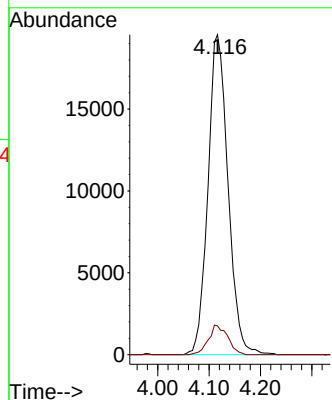
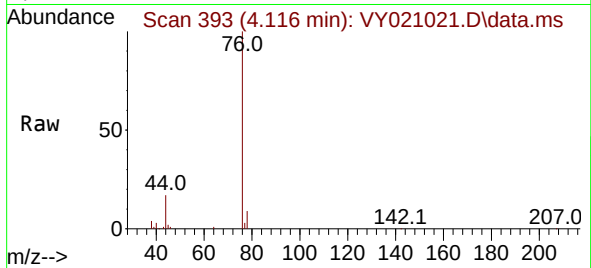
#17
Carbon Disulfide
Concen: 11.171 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 5308
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

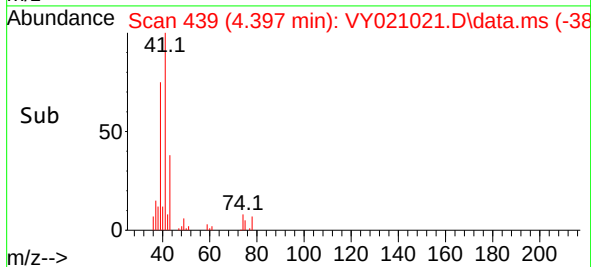
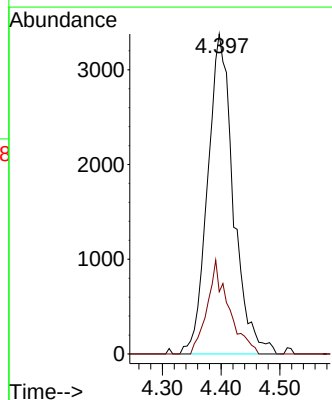
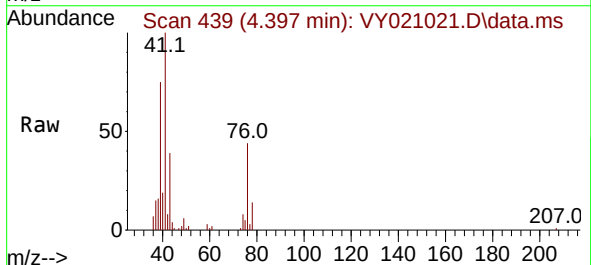
Manual Integrations
APPROVED

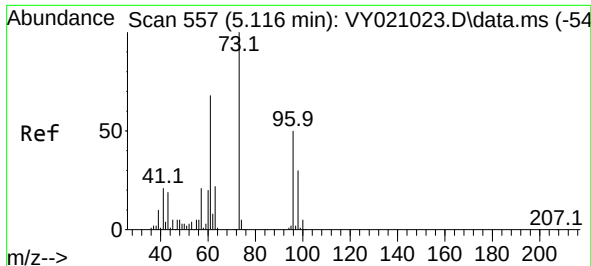
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#18
Methyl Acetate
Concen: 13.911 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

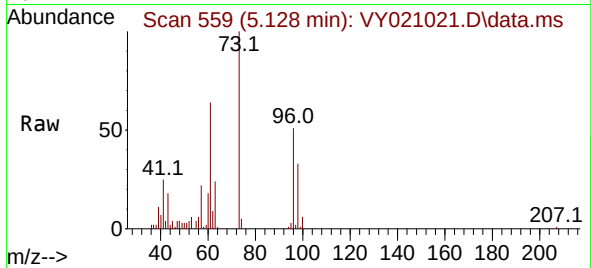
Tgt Ion: 43 Resp: 10297
Ion Ratio Lower Upper
43 100
74 24.6 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 12.033 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

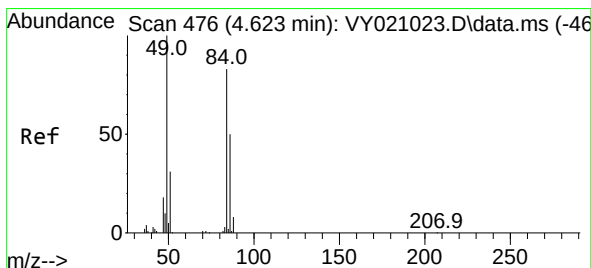
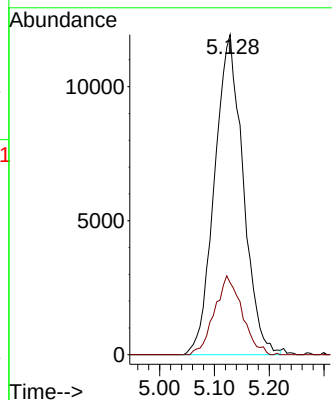
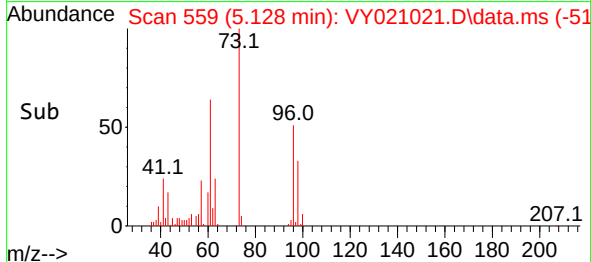
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 73 Resp: 43210
Ion Ratio Lower Upper
73 100
57 22.5 16.6 25.0

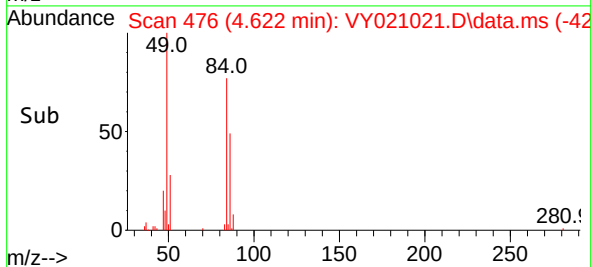
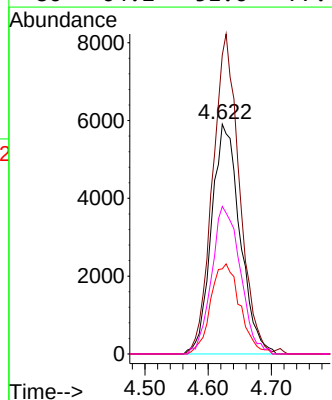
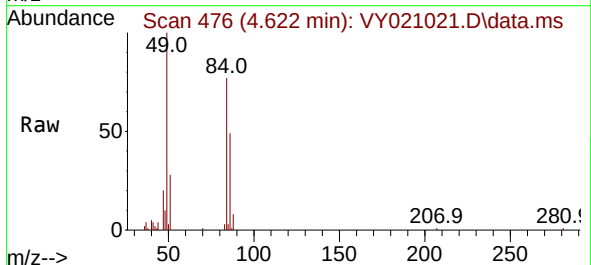
Manual Integrations
APPROVED

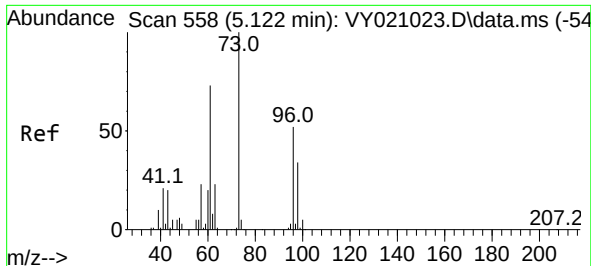
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#20
Methylene Chloride
Concen: 11.829 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

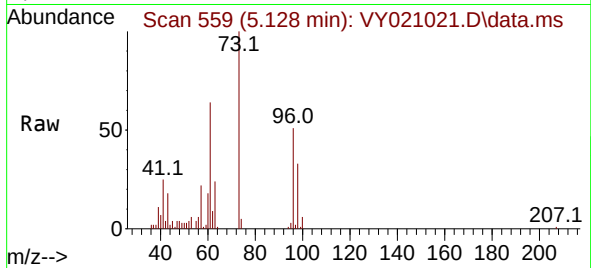
Tgt Ion: 84 Resp: 18455
Ion Ratio Lower Upper
84 100
49 130.0 88.3 132.5
51 37.0 27.7 41.5
86 64.2 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 11.426 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

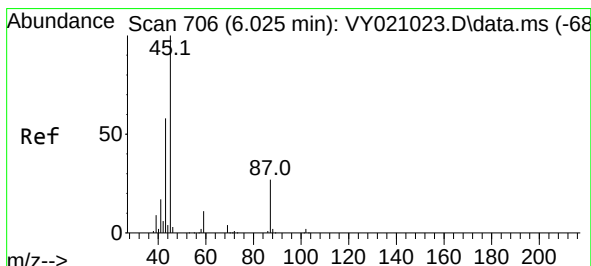
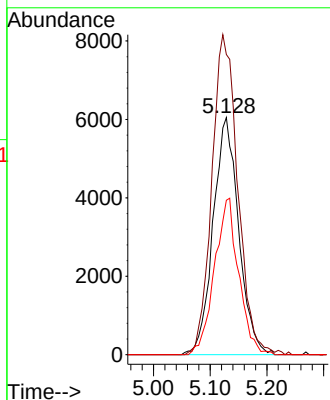
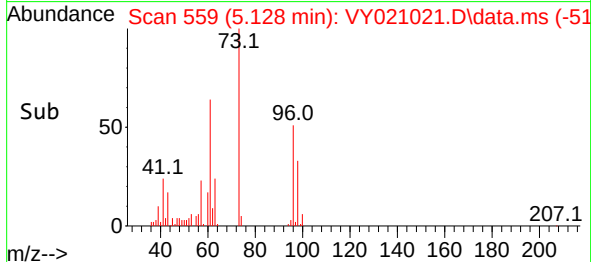
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 1890
Ion Ratio Lower Upper
96 100
61 126.5 101.5 152.3
98 65.1 52.0 78.0

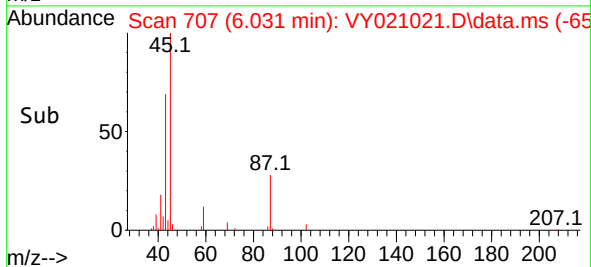
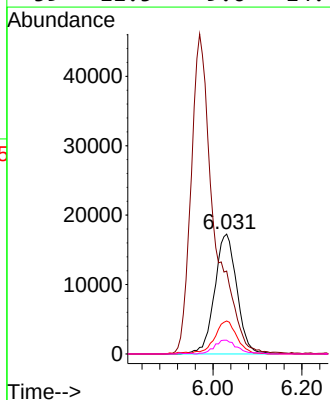
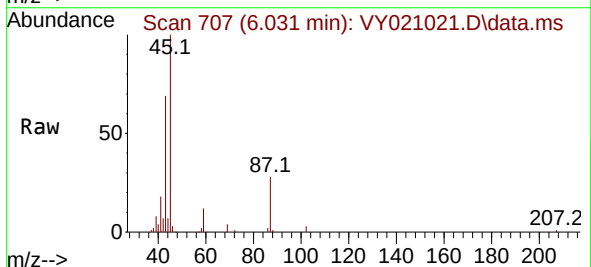
Manual Integrations
APPROVED

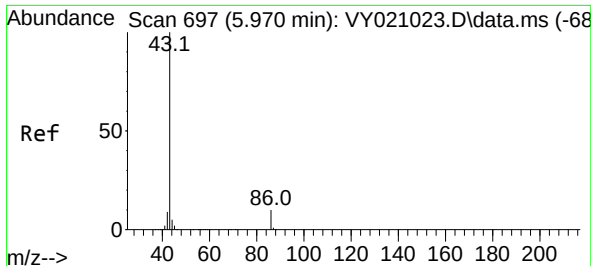
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#22
Diisopropyl ether
Concen: 13.831 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 45 Resp: 59888
Ion Ratio Lower Upper
45 100
43 67.8 45.1 67.7#
87 27.5 25.0 37.4
59 11.5 9.6 14.4





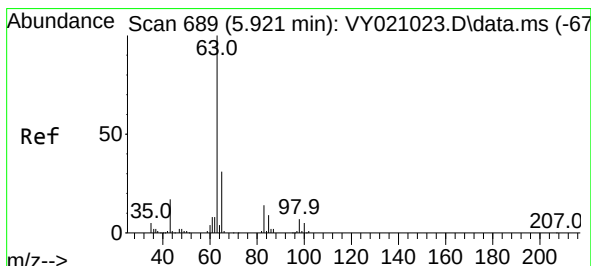
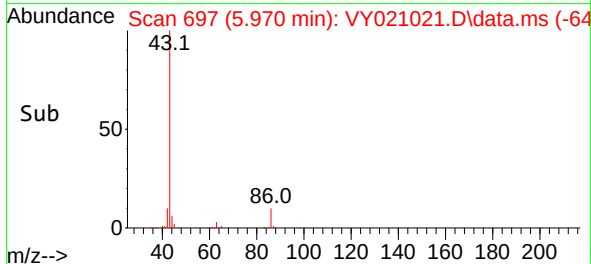
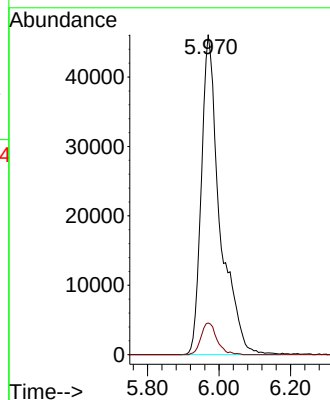
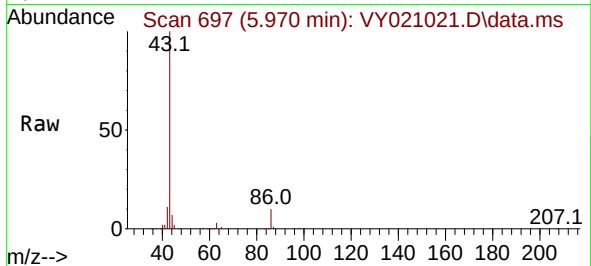
#23
 Vinyl Acetate
 Concen: 69.409 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY021021.D
 Acq: 03 Feb 2025 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Tgt Ion: 43 Resp: 16643
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.7 14.5

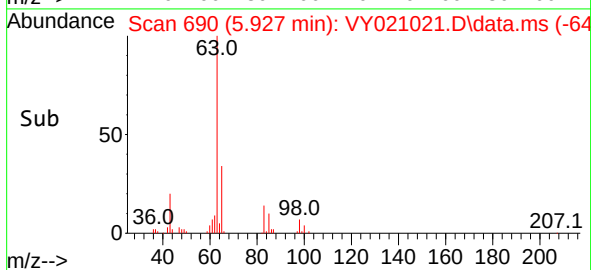
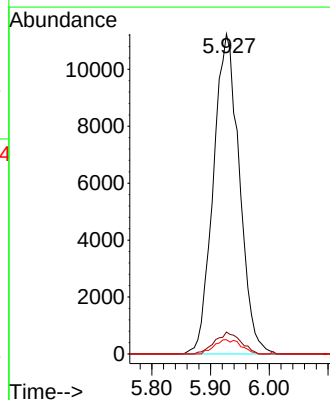
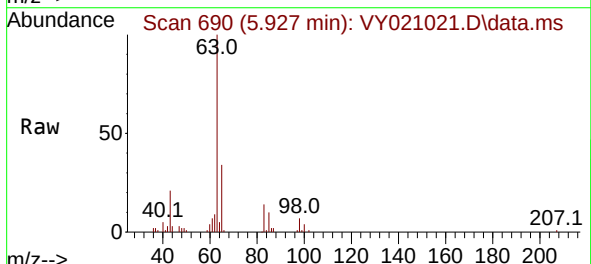
Manual Integrations
 APPROVED

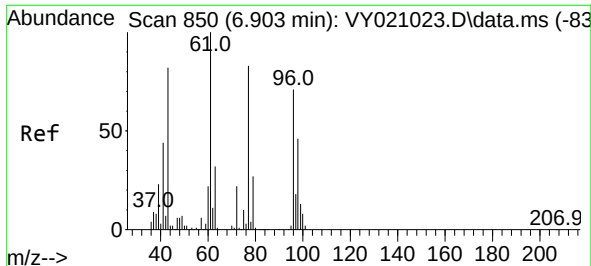
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025



#24
 1,1-Dichloroethane
 Concen: 12.375 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021021.D
 Acq: 03 Feb 2025 10:57

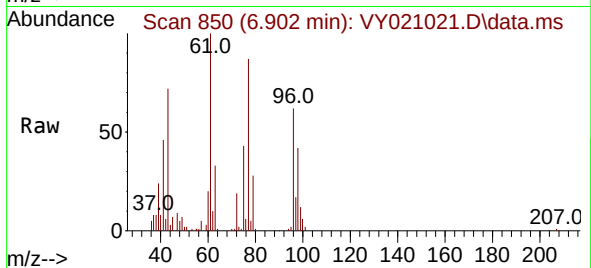
Tgt Ion: 63 Resp: 34569
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 4.4 2.4 7.2





#25
2-Butanone
Concen: 67.624 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

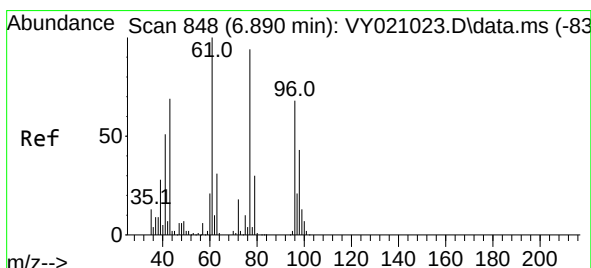
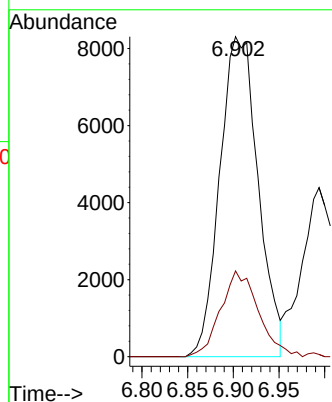
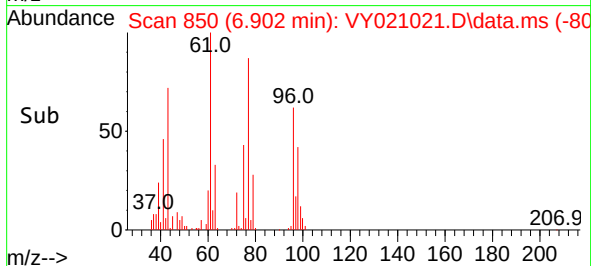
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



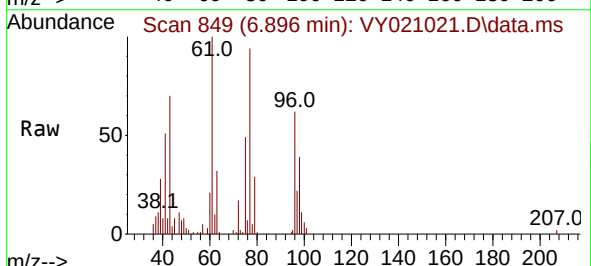
Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
72 26.8 24.3 36.5

Manual Integrations
APPROVED

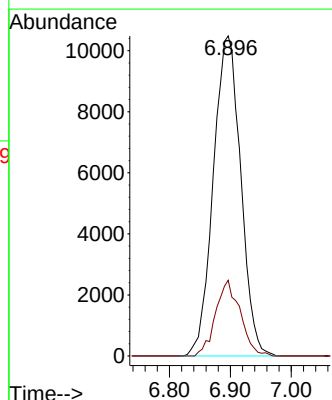
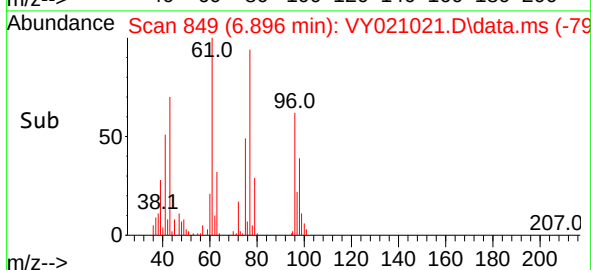
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

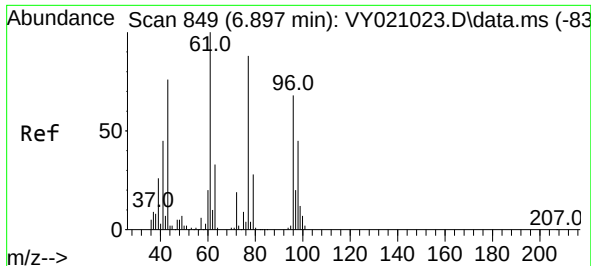


#26
2,2-Dichloropropane
Concen: 11.915 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57



Tgt Ion: 77 Resp: 32771
Ion Ratio Lower Upper
77 100
97 21.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 11.206 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

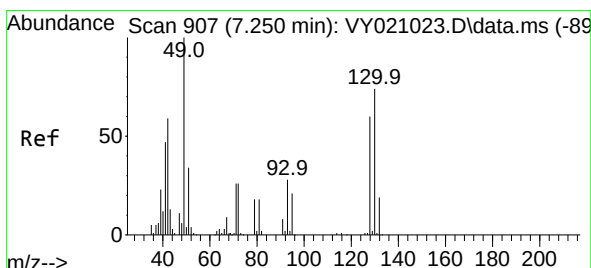
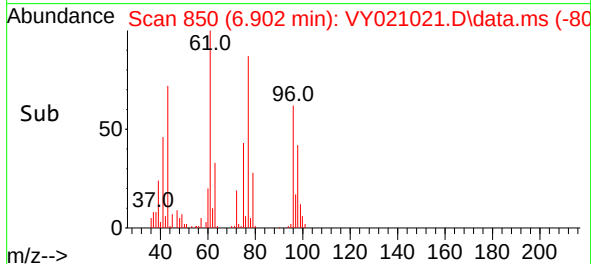
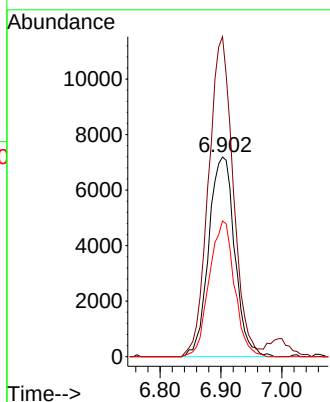
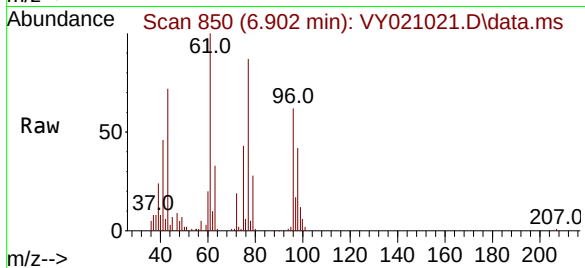
VSTDICC010

Tgt Ion: 96	Resp: 21309
Ion Ratio	Lower Upper
96 100	
61 152.6	0.0 274.0
98 65.8	0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#28

Bromochloromethane

Concen: 12.892 ug/l

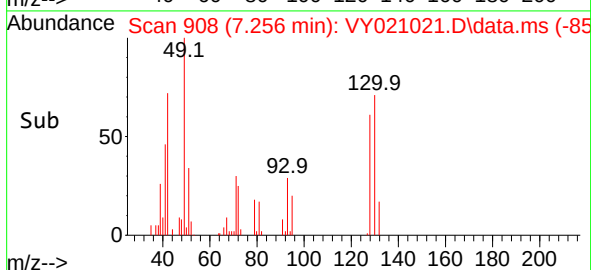
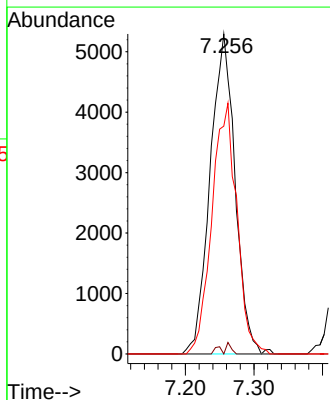
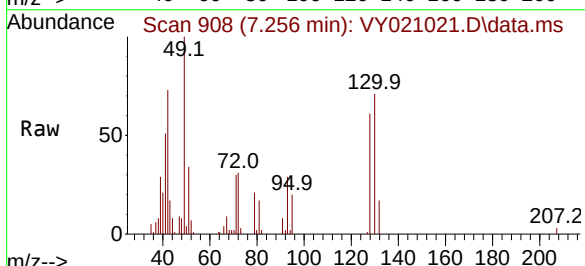
RT: 7.256 min Scan# 908

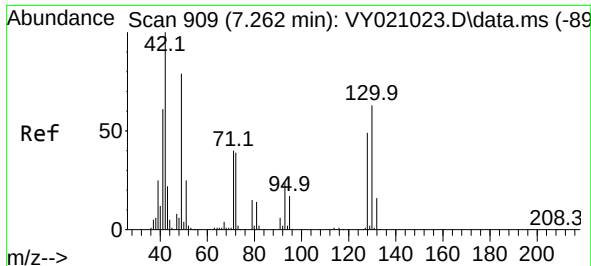
Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

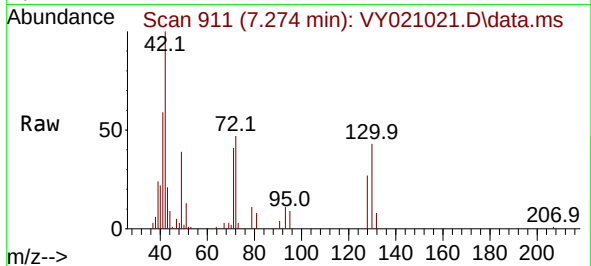
Tgt Ion: 49	Resp: 13417
Ion Ratio	Lower Upper
49 100	
129 0.7	0.0 5.0
130 78.2	73.2 109.8





#29
Tetrahydrofuran
Concen: 69.395 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

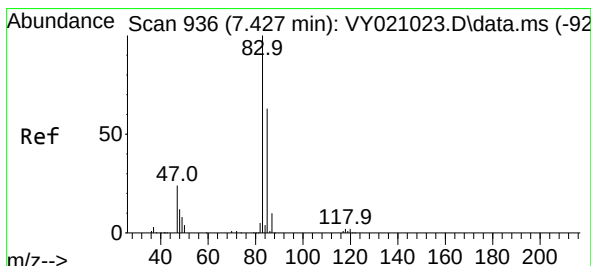
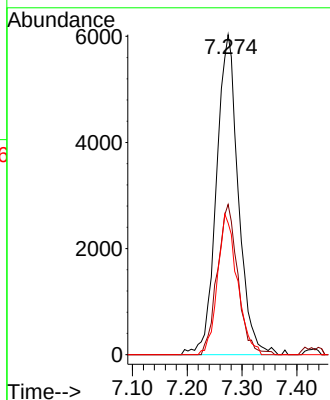
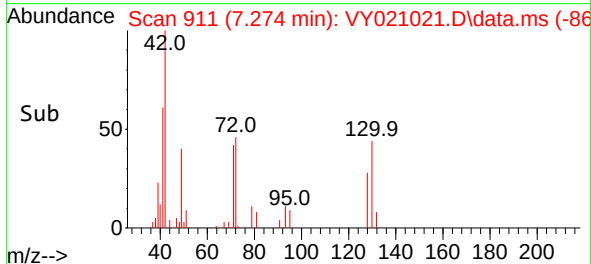
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



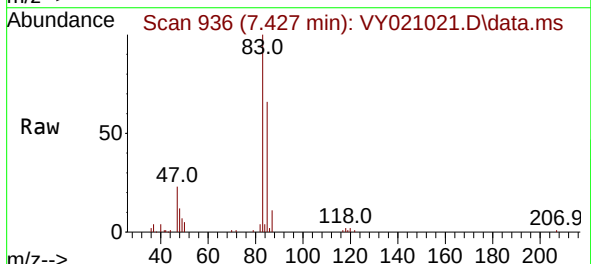
Tgt Ion: 42 Resp: 16758
Ion Ratio Lower Upper
42 100
72 43.8 39.3 58.9
71 39.8 36.1 54.1

Manual Integrations
APPROVED

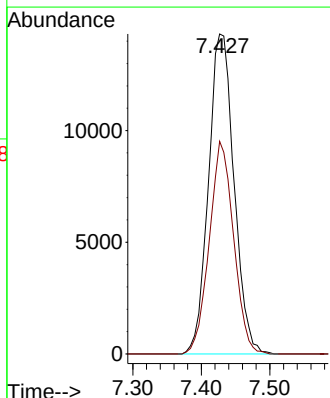
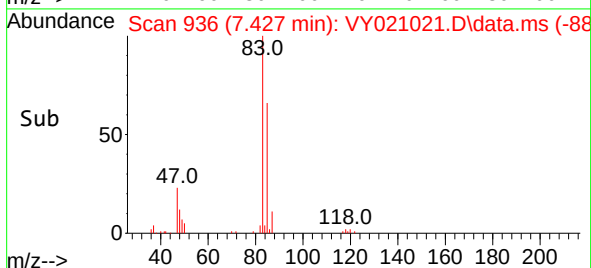
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

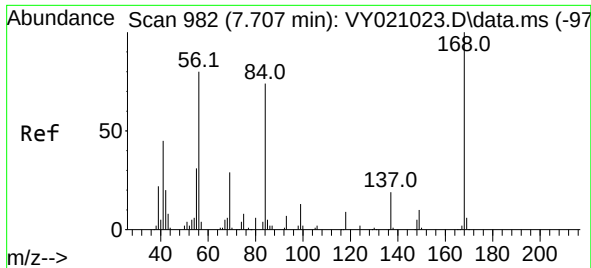


#30
Chloroform
Concen: 12.247 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57



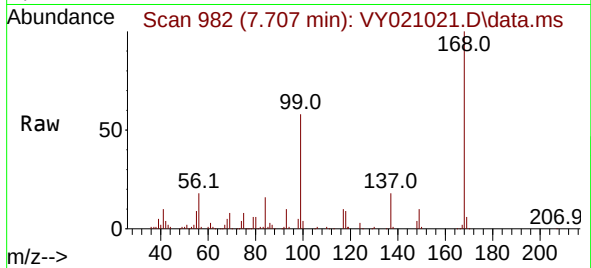
Tgt Ion: 83 Resp: 37054
Ion Ratio Lower Upper
83 100
85 66.4 52.9 79.3





#31
Cyclohexane
Concen: 11.819 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

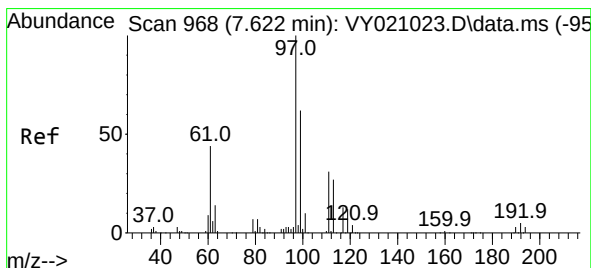
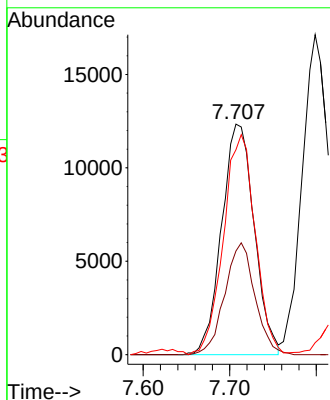
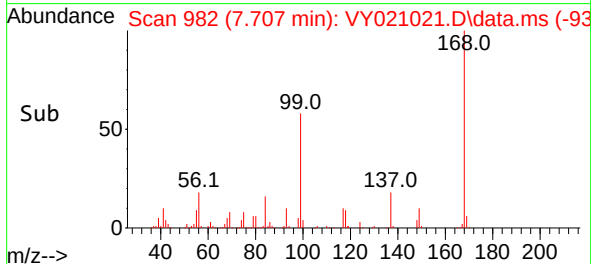
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



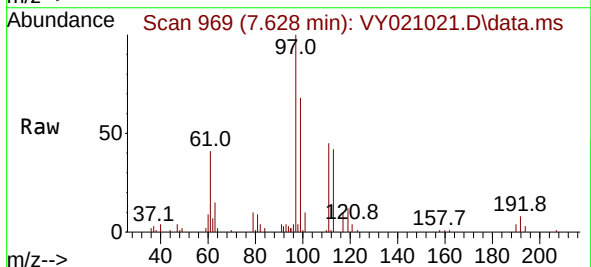
Tgt Ion: 56 Resp: 32272
Ion Ratio Lower Upper
56 100
69 44.9 27.7 41.5
84 87.6 77.5 116.3

Manual Integrations
APPROVED

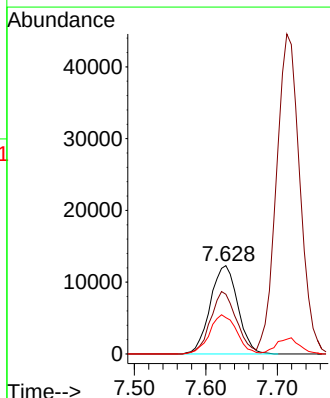
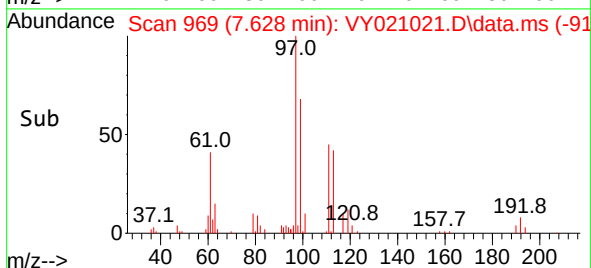
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

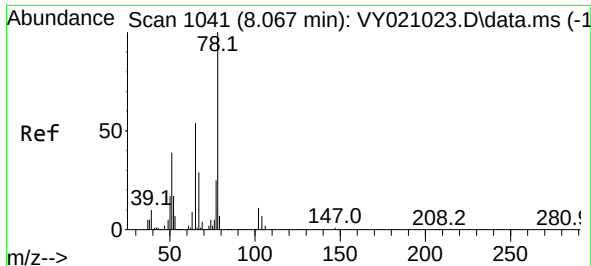


#32
1,1,1-Trichloroethane
Concen: 11.223 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57



Tgt Ion: 97 Resp: 32862
Ion Ratio Lower Upper
97 100
99 66.6 51.4 77.0
61 43.8 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 13.075 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 20294

Ion Ratio Lower Upper

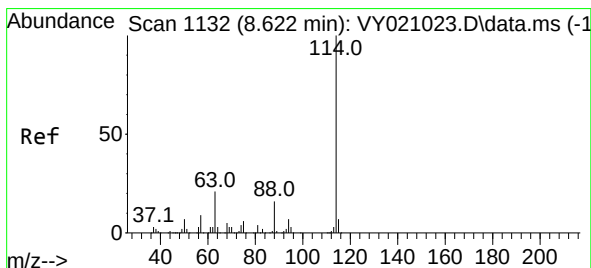
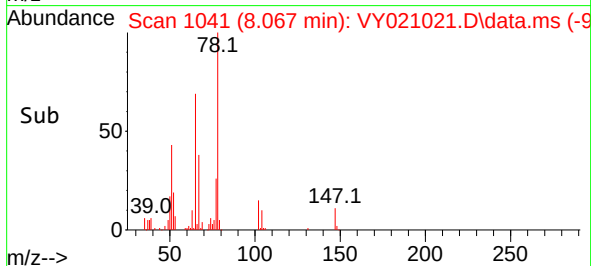
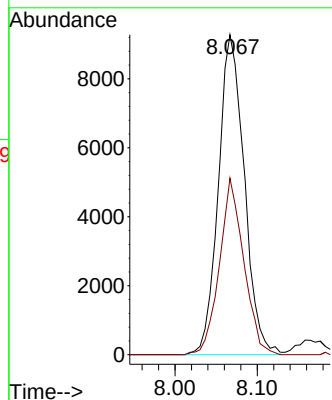
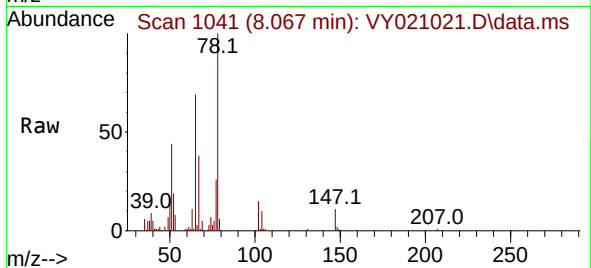
65 100

67 51.8 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

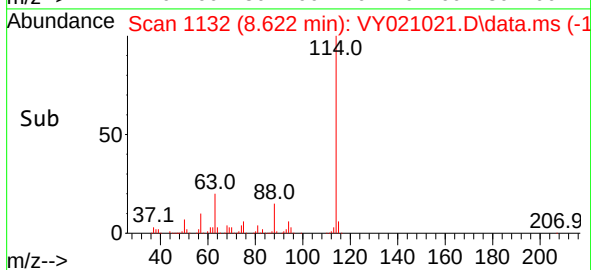
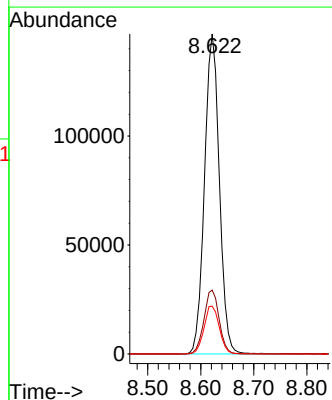
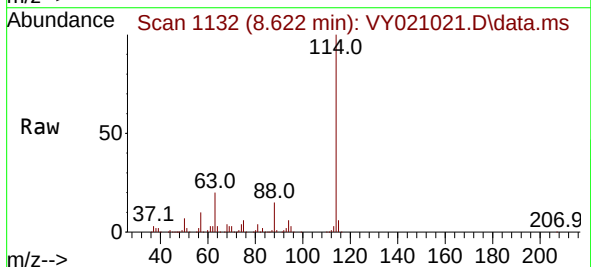
Tgt Ion:114 Resp: 285332

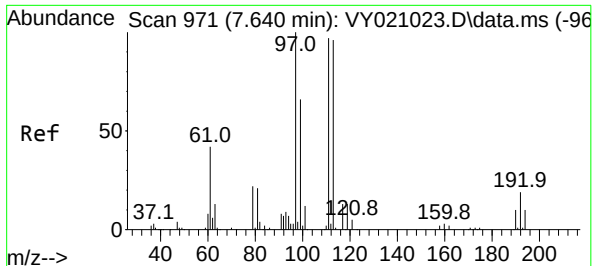
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.2

88 15.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 10.859 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

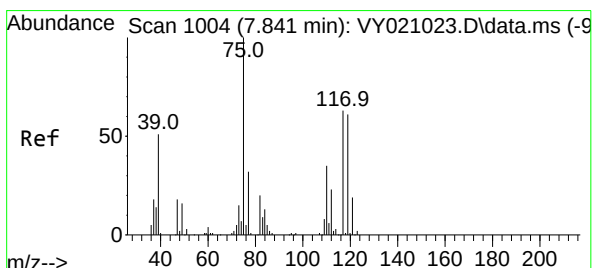
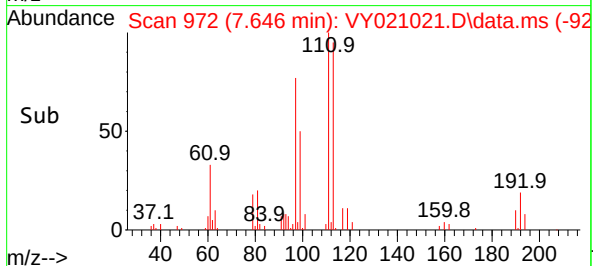
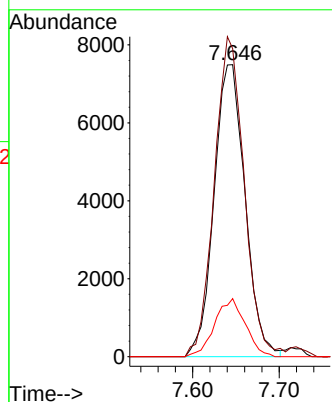
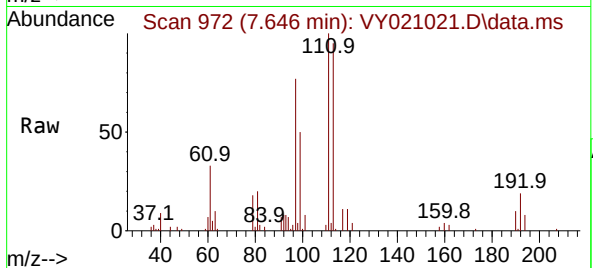
VSTDICC010

Tgt Ion:	113	Resp:	1862
Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.6	123.8
192	19.6	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#36

1,1-Dichloropropene

Concen: 10.820 ug/l

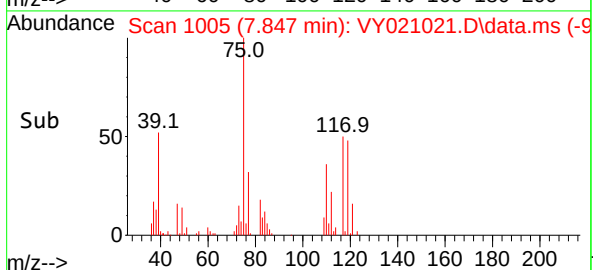
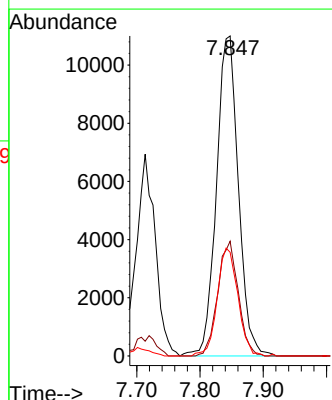
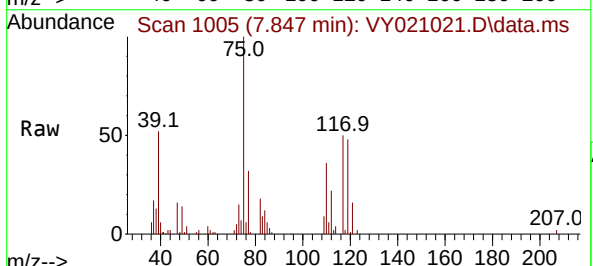
RT: 7.847 min Scan# 1005

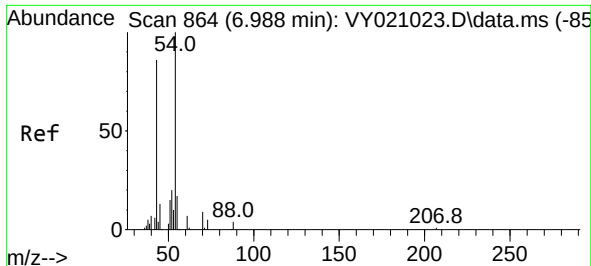
Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion:	75	Resp:	26479
Ion	Ratio	Lower	Upper
75	100		
110	33.6	18.4	55.2
77	31.8	24.9	37.3





#37

Ethyl Acetate

Concen: 13.017 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

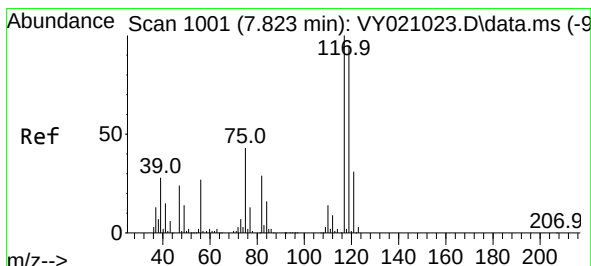
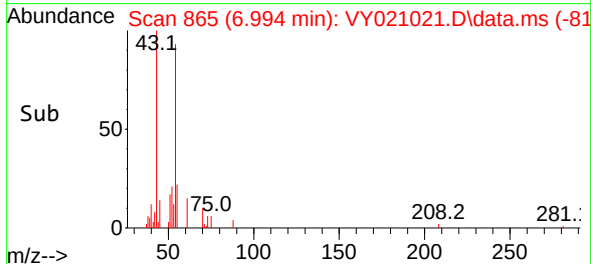
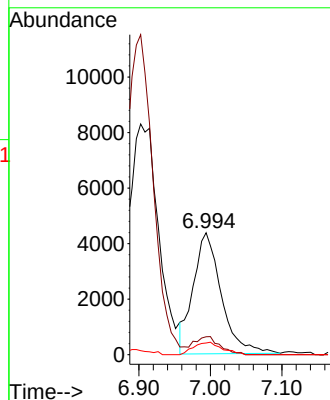
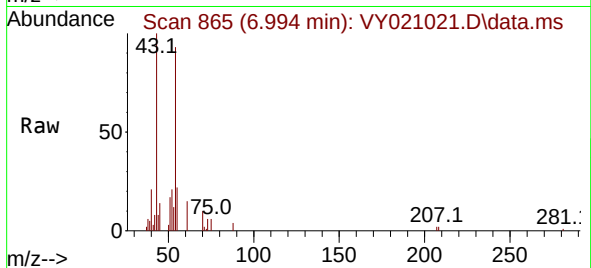
VSTDICC010

Tgt Ion: 43 Resp: 11870
 Ion Ratio Lower Upper
 43 100
 61 13.2 11.4 17.0
 70 10.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025



#38

Carbon Tetrachloride

Concen: 10.389 ug/l

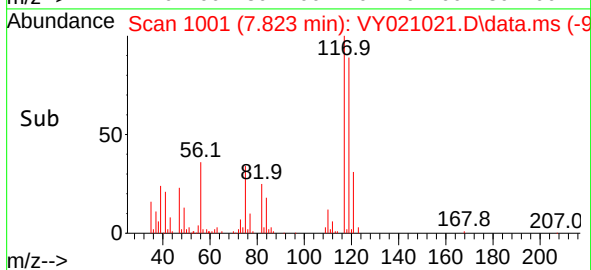
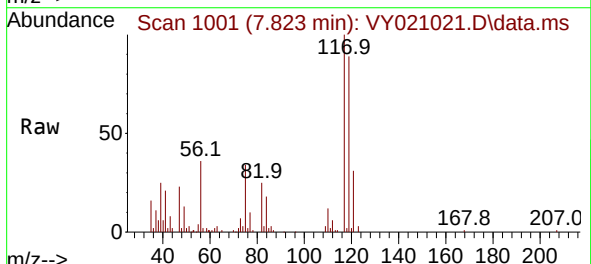
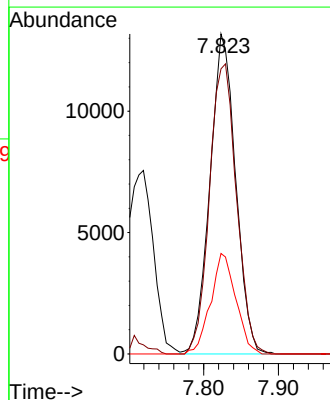
RT: 7.823 min Scan# 1001

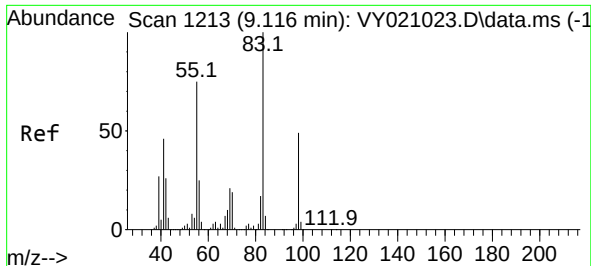
Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

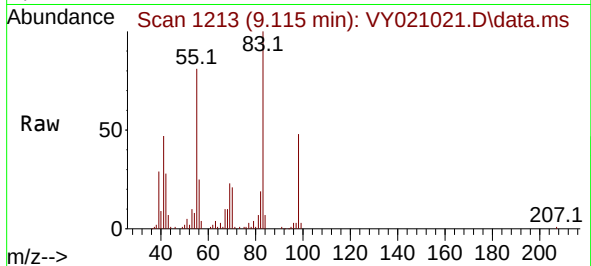
Tgt Ion:117 Resp: 31462
 Ion Ratio Lower Upper
 117 100
 119 89.1 75.0 112.6
 121 31.4 24.2 36.2





#39
Methylcyclohexane
Concen: 9.549 ug/l
RT: 9.115 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

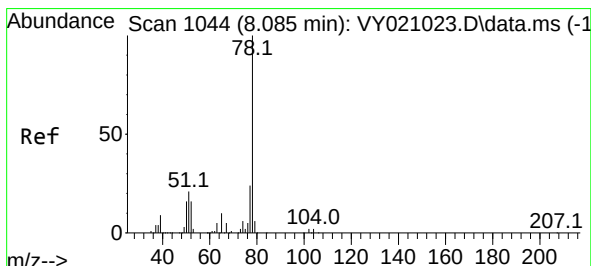
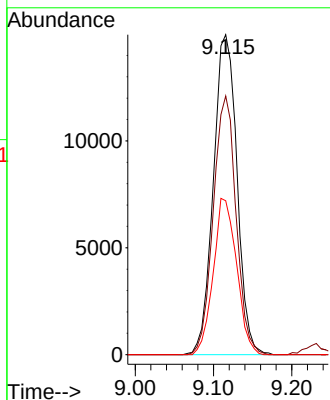
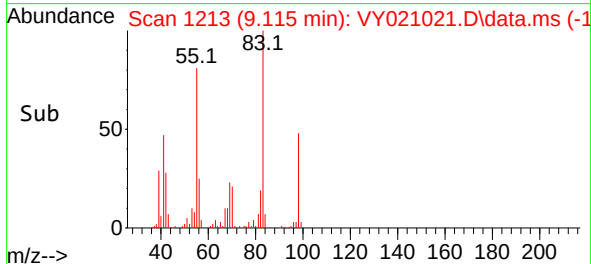
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 83 Resp: 31392
Ion Ratio Lower Upper
83 100
55 80.9 54.9 82.3
98 48.1 40.5 60.7

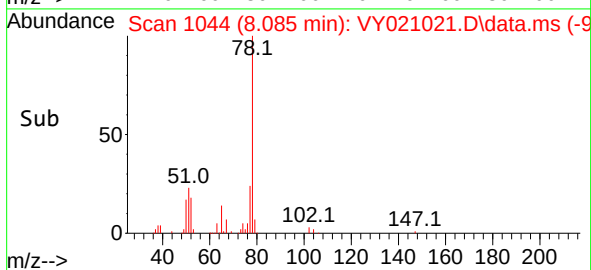
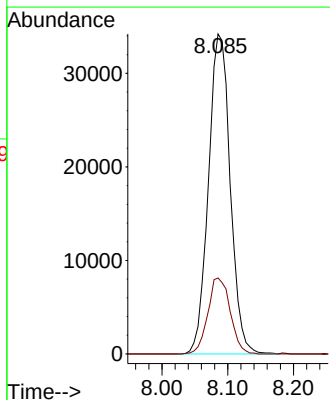
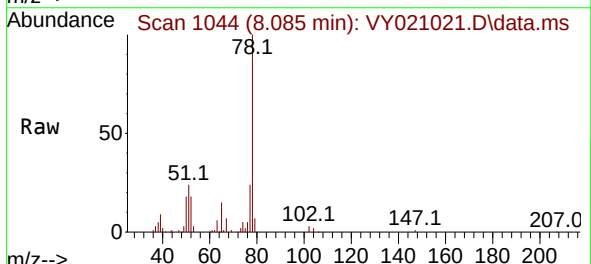
Manual Integrations
APPROVED

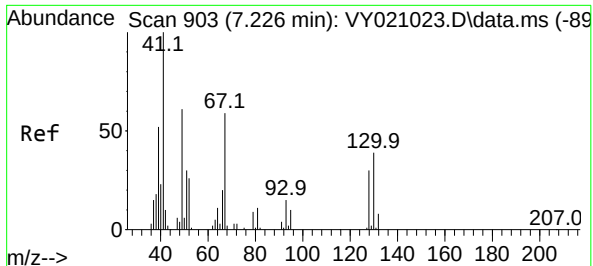
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#40
Benzene
Concen: 10.950 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

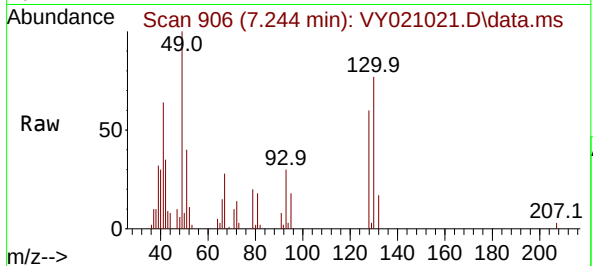
Tgt Ion: 78 Resp: 78846
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2





#41
Methacrylonitrile
Concen: 14.253 ug/l m
RT: 7.244 min Scan# 903
Delta R.T. 0.019 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

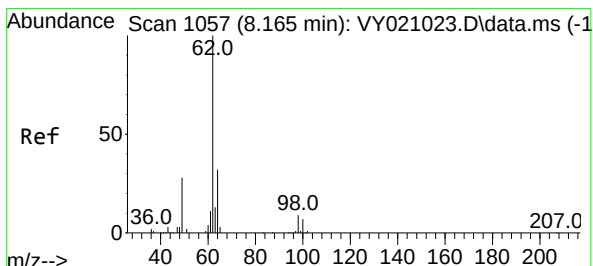
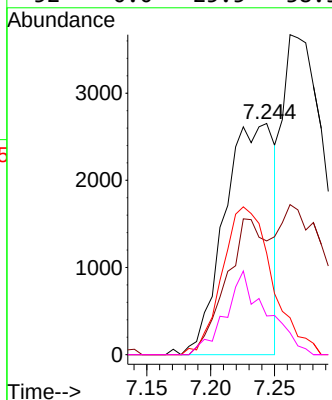
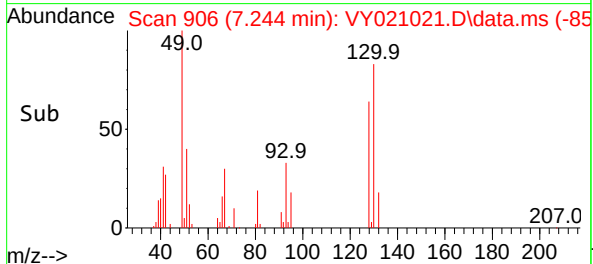
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 719
Ion Ratio Lower Upper
41 100
39 57.7 41.6 62.4
67 0.0 63.8 95.6
52 0.0 25.5 38.3#

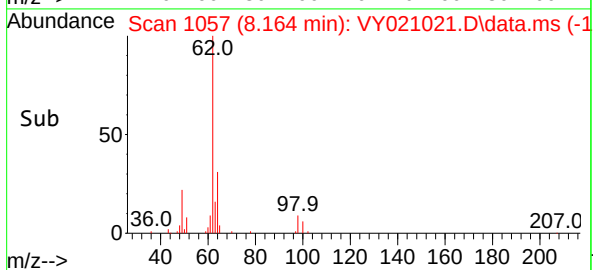
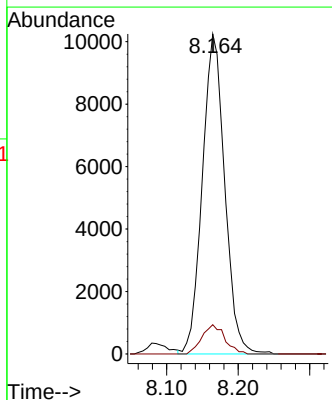
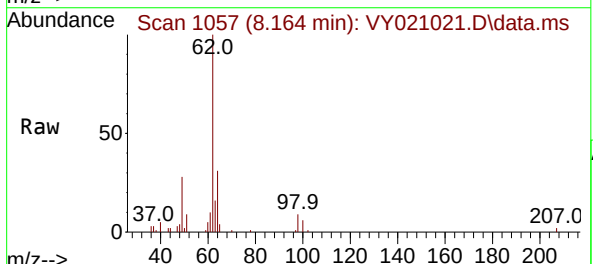
Manual Integrations
APPROVED

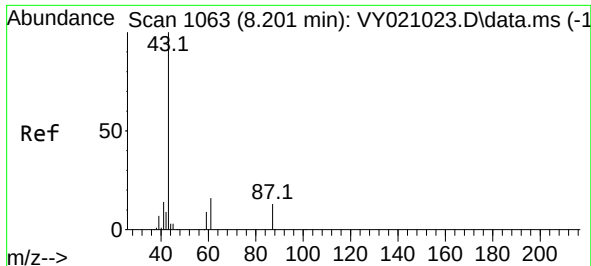
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#42
1,2-Dichloroethane
Concen: 12.201 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

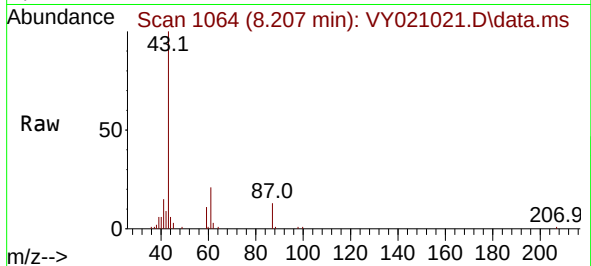
Tgt Ion: 62 Resp: 22281
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 13.055 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

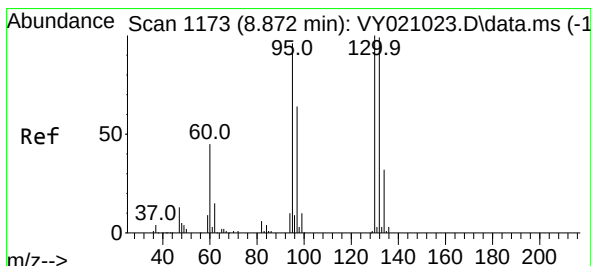
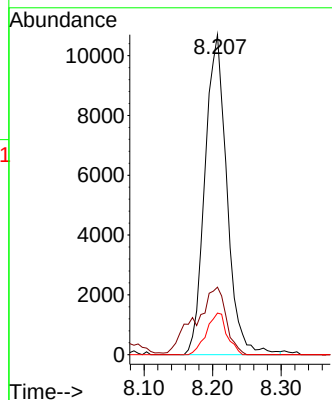
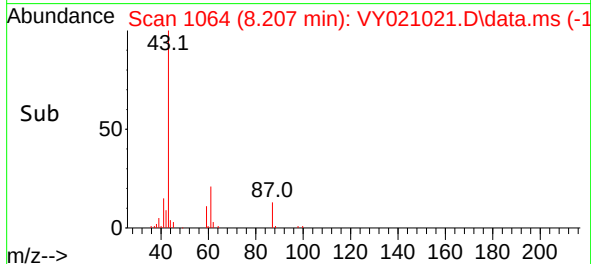
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 2379
Ion Ratio Lower Upper
43 100
61 29.8 15.8 23.6
87 12.1 12.5 18.7

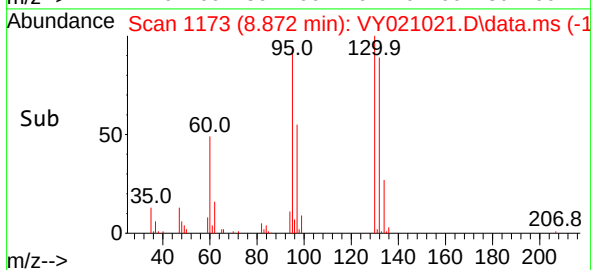
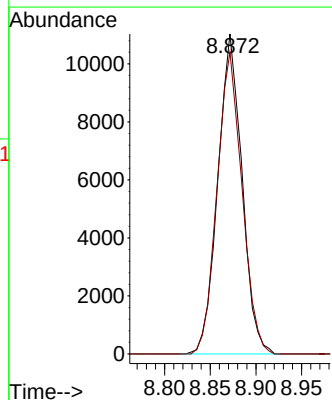
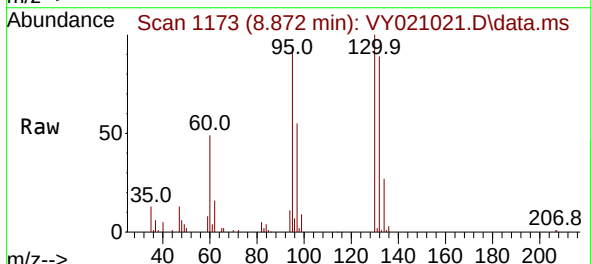
Manual Integrations
APPROVED

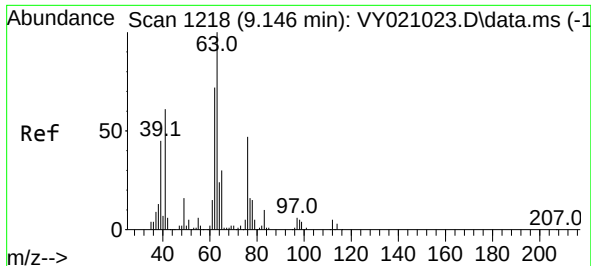
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#44
Trichloroethene
Concen: 10.197 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:130 Resp: 20261
Ion Ratio Lower Upper
130 100
95 94.4 0.0 189.6





#45

1,2-Dichloropropane

Concen: 11.627 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 1876

Ion Ratio Lower Upper

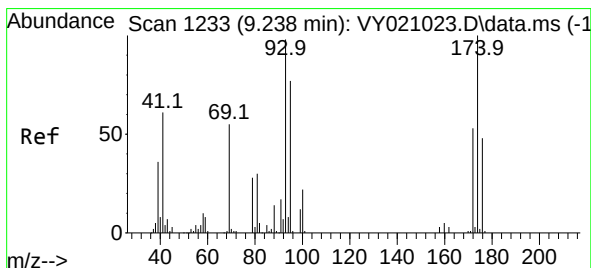
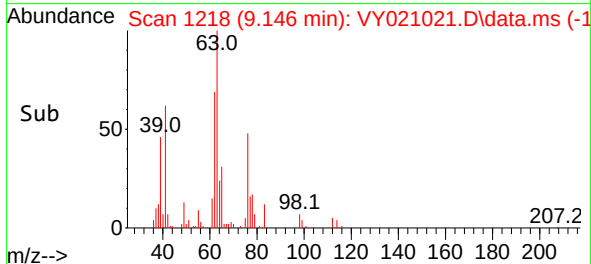
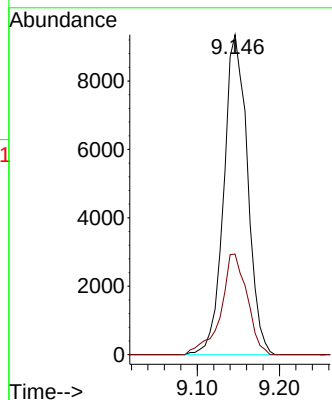
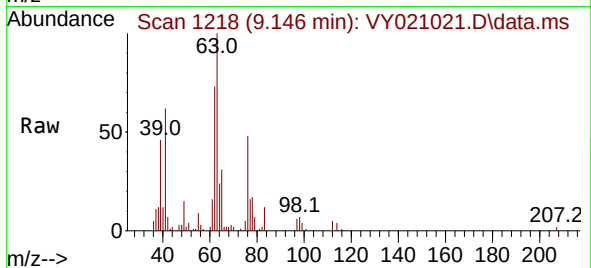
63 100

65 31.5 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#46

Dibromomethane

Concen: 11.191 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

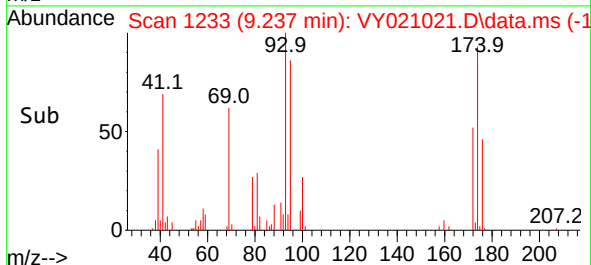
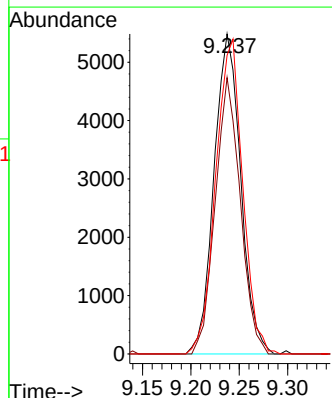
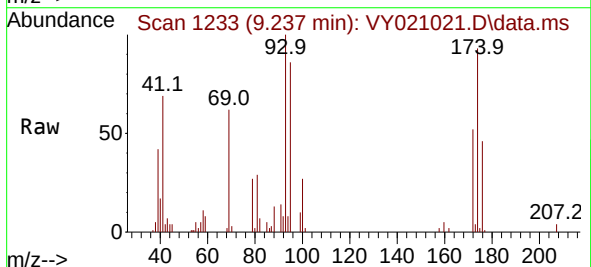
Tgt Ion: 93 Resp: 10511

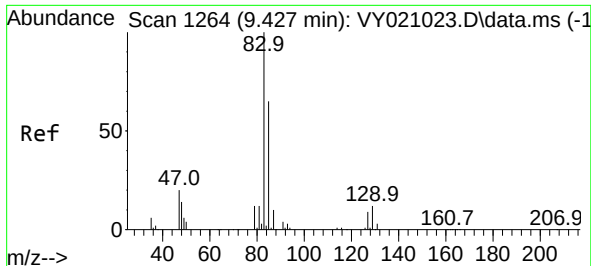
Ion Ratio Lower Upper

93 100

95 81.3 65.8 98.8

174 99.5 88.1 132.1





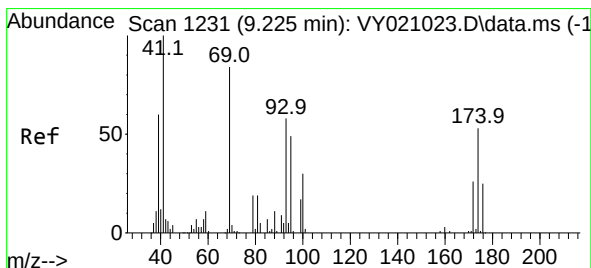
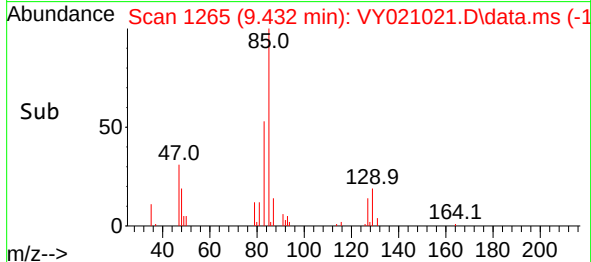
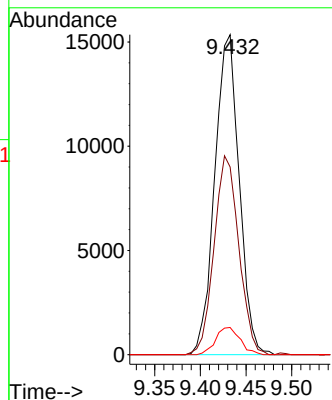
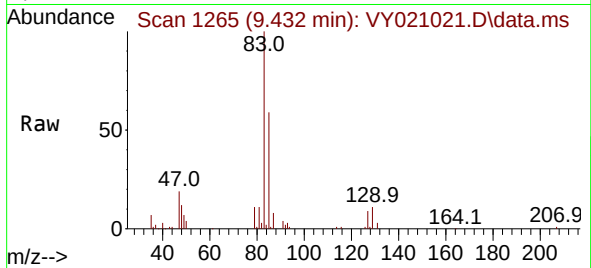
#47
Bromodichloromethane
Concen: 11.570 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 28538
Ion Ratio Lower Upper
83 100
85 58.7 49.6 74.4
127 8.5 7.1 10.7

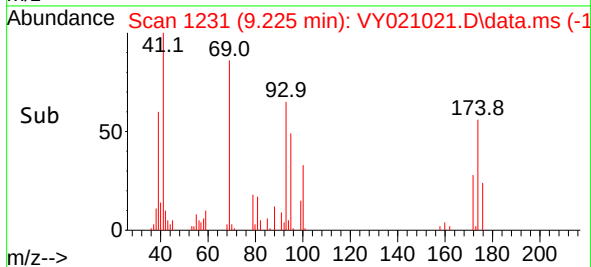
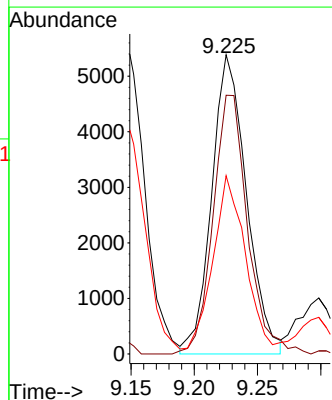
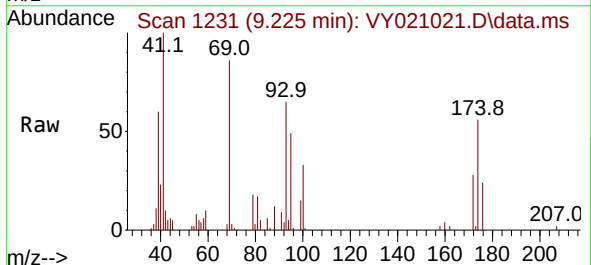
Manual Integrations
APPROVED

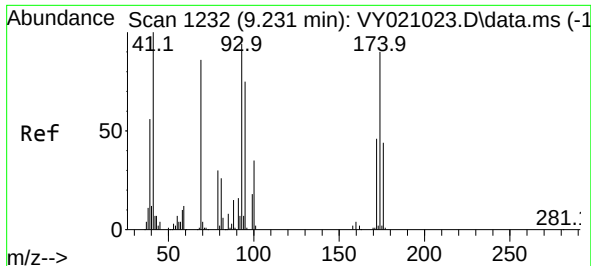
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#48
Methyl methacrylate
Concen: 11.866 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 41 Resp: 10297
Ion Ratio Lower Upper
41 100
69 85.7 75.6 113.4
39 54.0 41.3 61.9





#49

1,4-Dioxane

Concen: 188.876 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

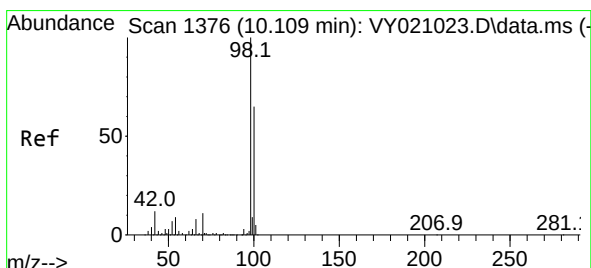
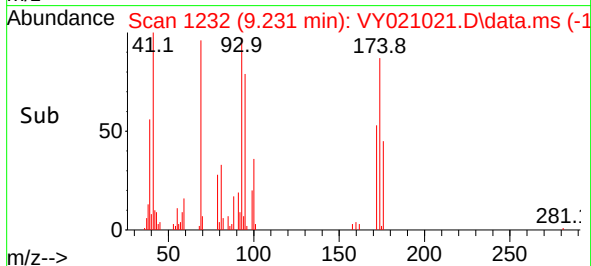
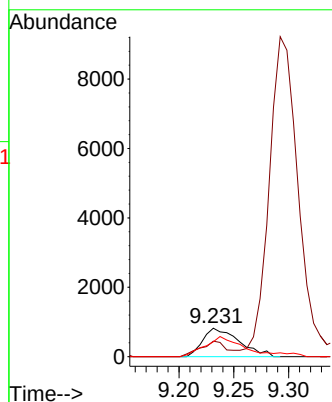
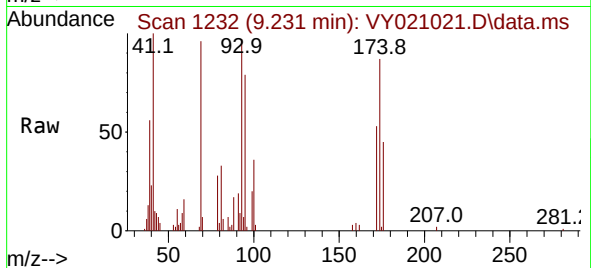
VSTDICC010

Tgt Ion: 88	Resp: 188
Ion Ratio	Lower Upper
88 100	
43 39.2	24.2 36.4
58 79.4	57.3 85.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#50

Toluene-d8

Concen: 10.540 ug/l

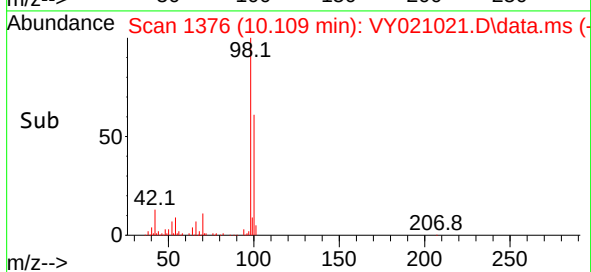
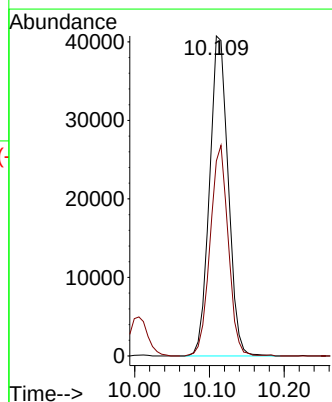
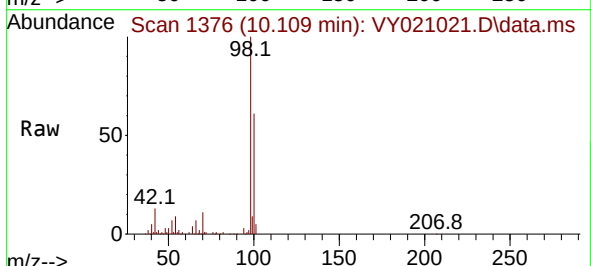
RT: 10.109 min Scan# 1376

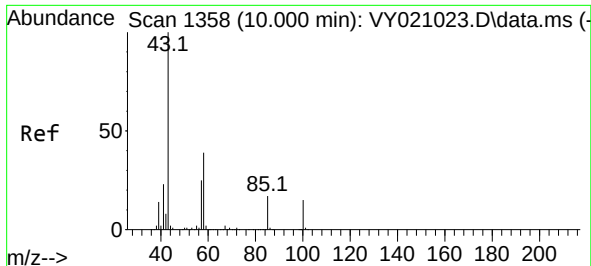
Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion: 98	Resp: 70569
Ion Ratio	Lower Upper
98 100	
100 64.0	52.6 79.0





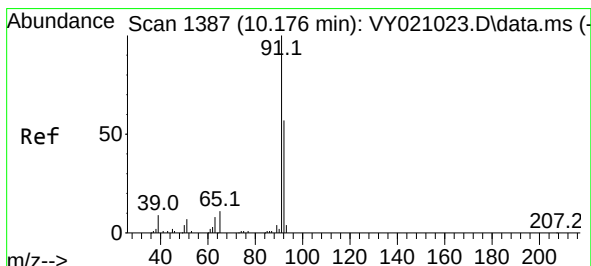
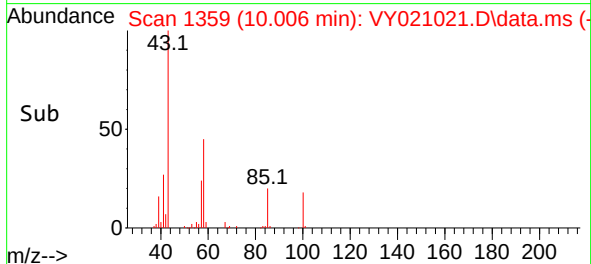
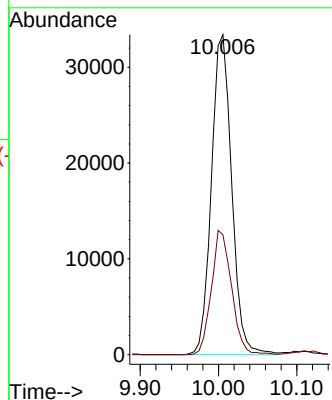
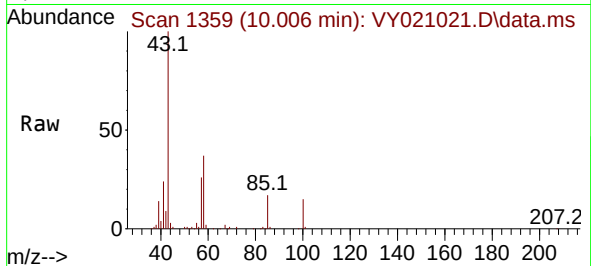
#51
4-Methyl-2-Pentanone
Concen: 64.159 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 60088
Ion Ratio Lower Upper
43 100
58 38.5 33.8 50.8

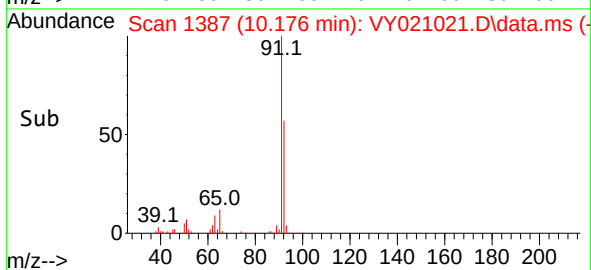
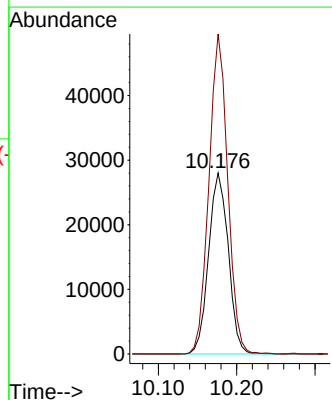
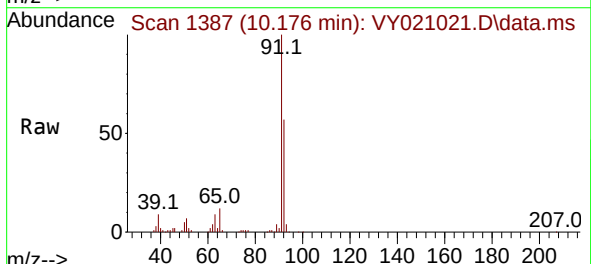
Manual Integrations
APPROVED

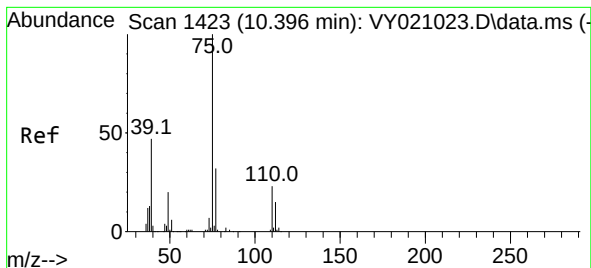
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#52
Toluene
Concen: 10.457 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

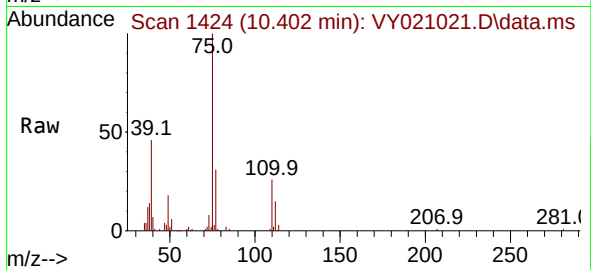
Tgt Ion: 92 Resp: 48876
Ion Ratio Lower Upper
92 100
91 168.9 135.8 203.8





#53
t-1,3-Dichloropropene
Concen: 10.888 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

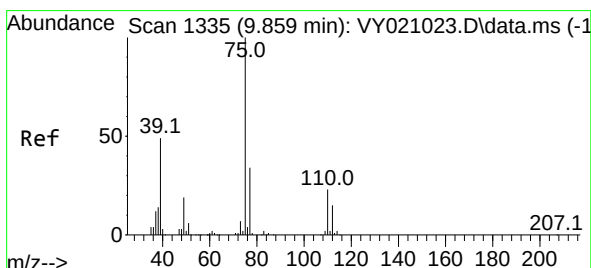
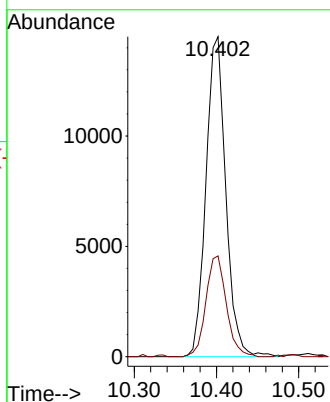
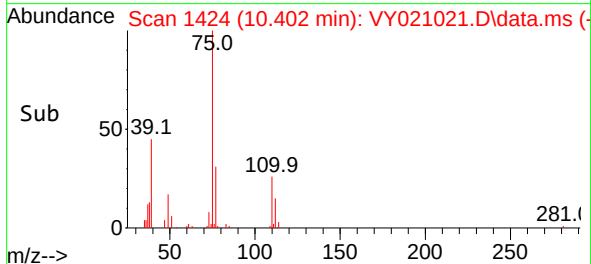
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 2430
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9

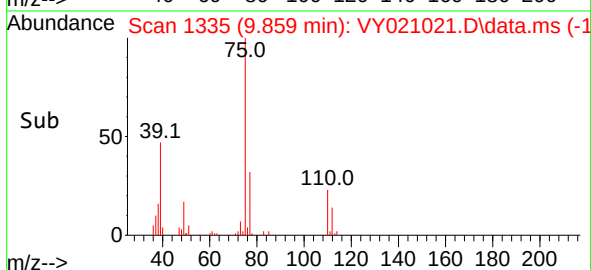
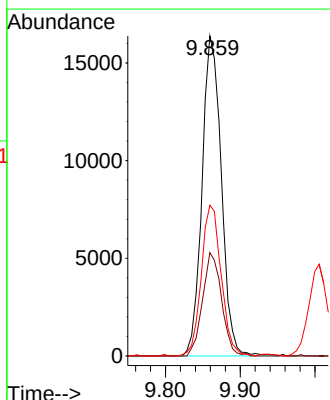
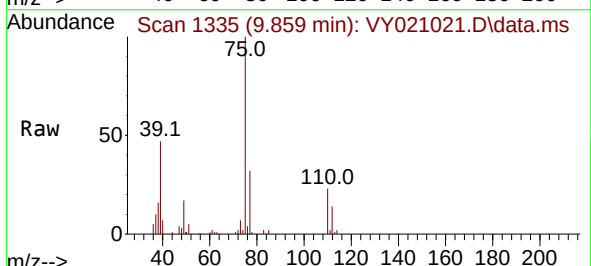
Manual Integrations
APPROVED

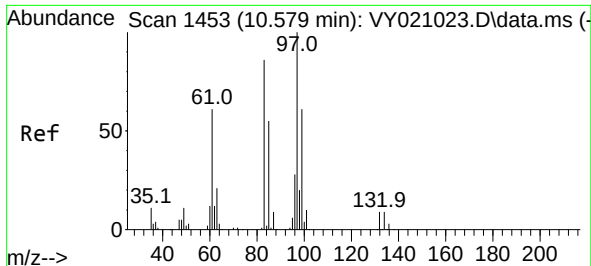
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#54
cis-1,3-Dichloropropene
Concen: 11.031 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

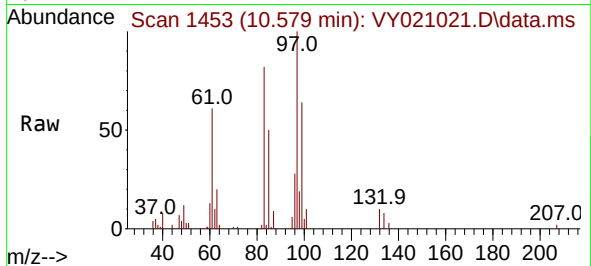
Tgt Ion: 75 Resp: 29426
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
39 47.1 32.2 48.2





#55
1,1,2-Trichloroethane
Concen: 10.748 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

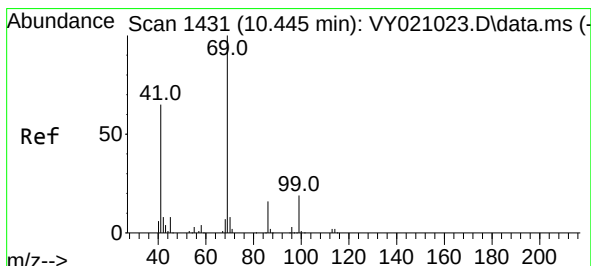
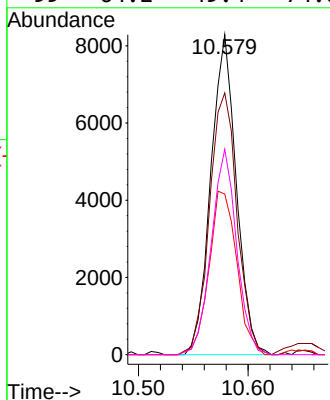
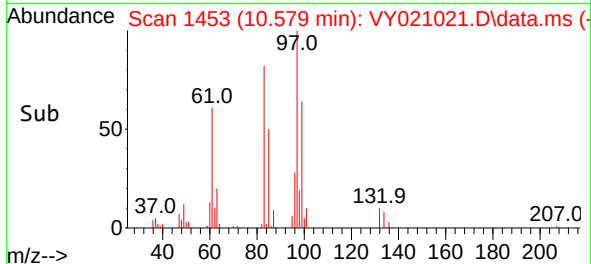
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.7	101.5
85	50.2	43.4	65.2
99	64.2	49.4	74.0

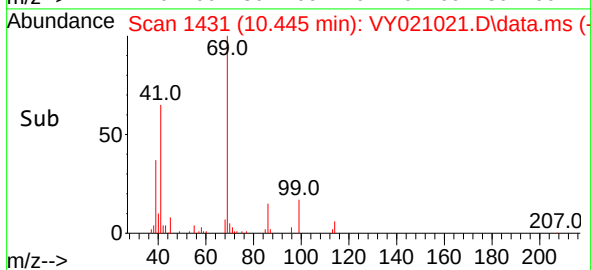
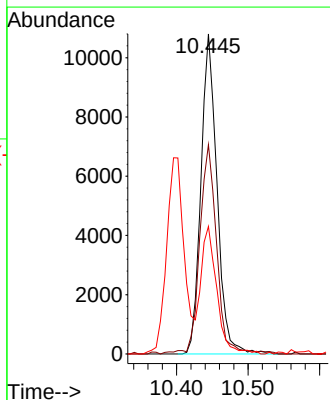
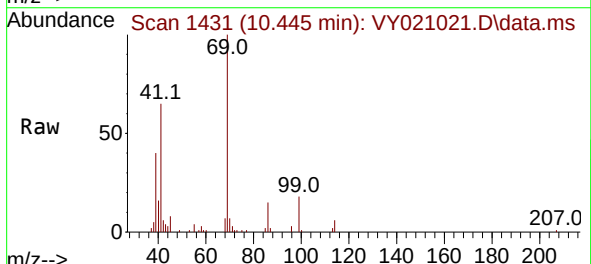
Manual Integrations
APPROVED

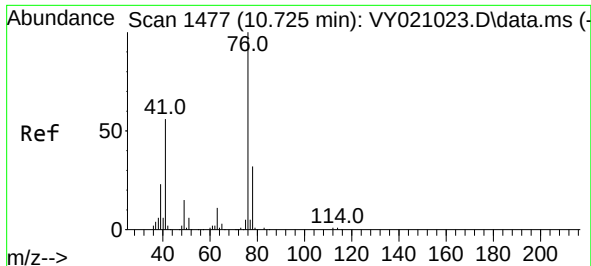
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#56
Ethyl methacrylate
Concen: 10.341 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

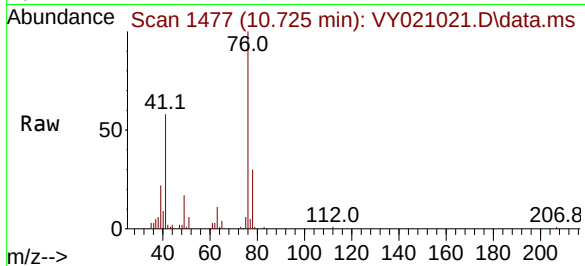
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	46.3	69.5
39	38.7	24.5	36.7





#57
1,3-Dichloropropane
Concen: 11.042 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

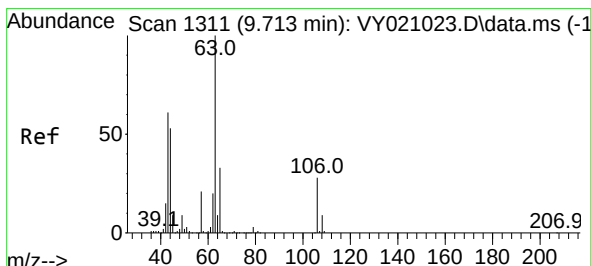
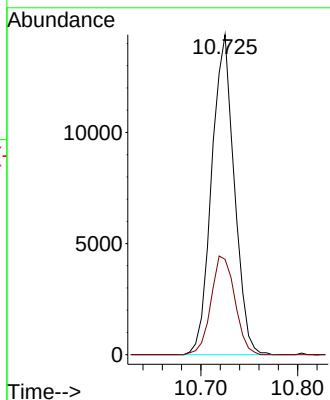
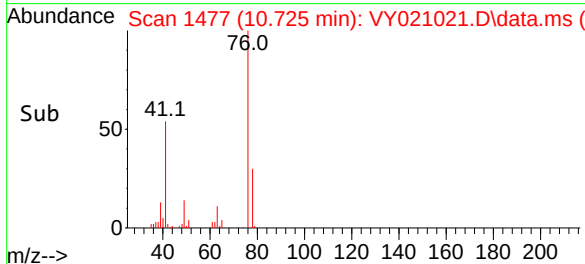
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 2337
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6

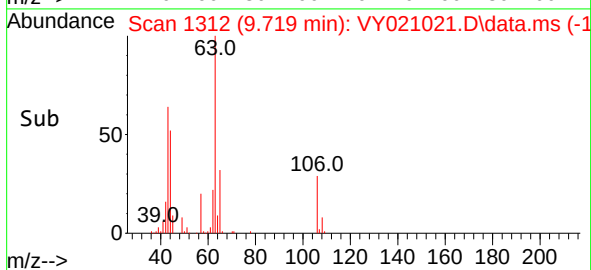
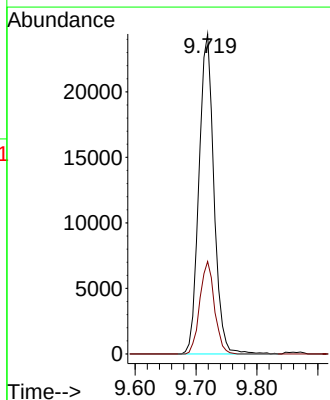
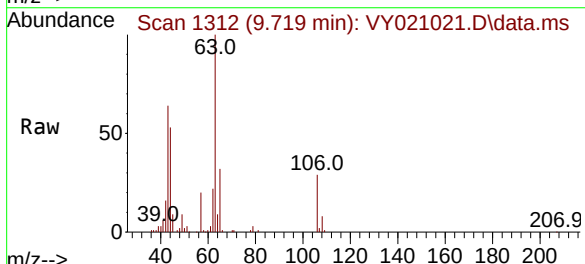
Manual Integrations
APPROVED

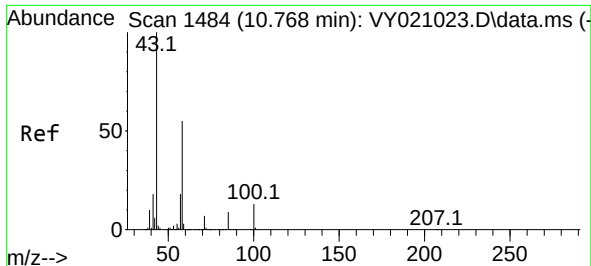
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 60.048 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

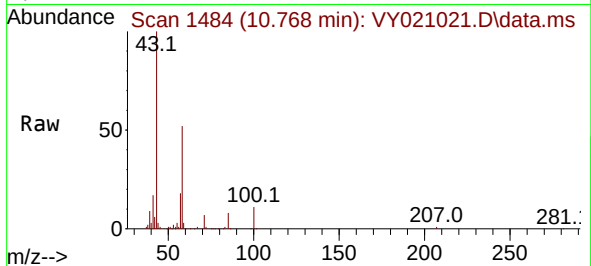
Tgt Ion: 63 Resp: 41611
Ion Ratio Lower Upper
63 100
106 28.2 24.7 37.1





#59
2-Hexanone
Concen: 61.283 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

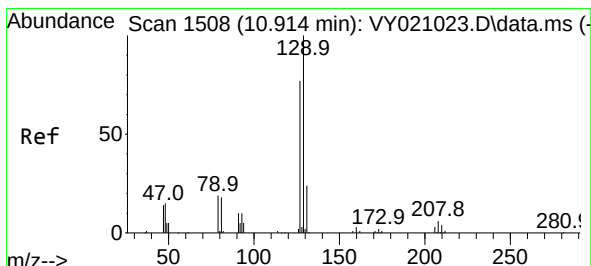
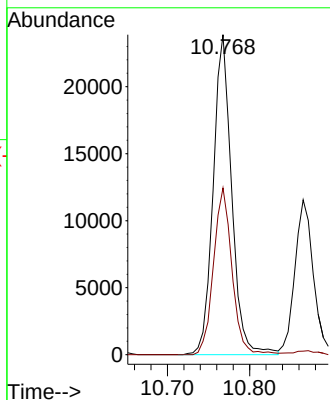
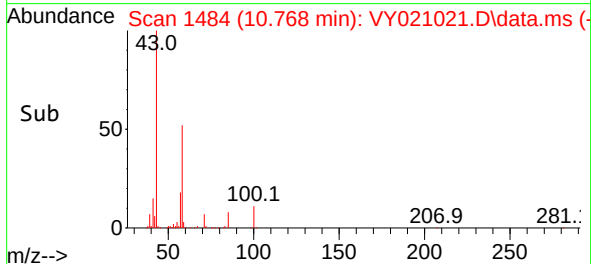
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 37300
Ion Ratio Lower Upper
43 100
58 52.1 29.8 89.3

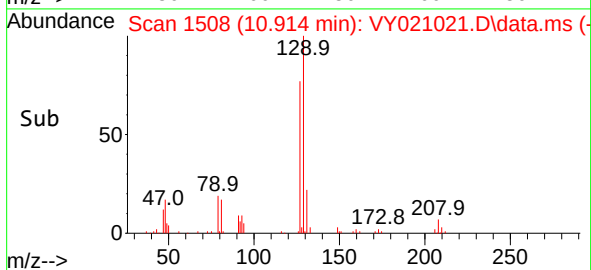
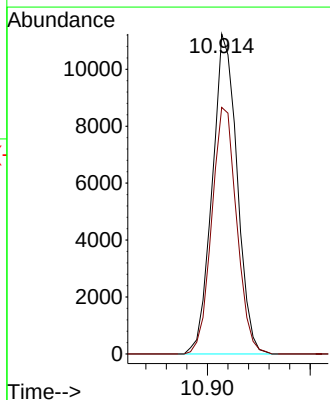
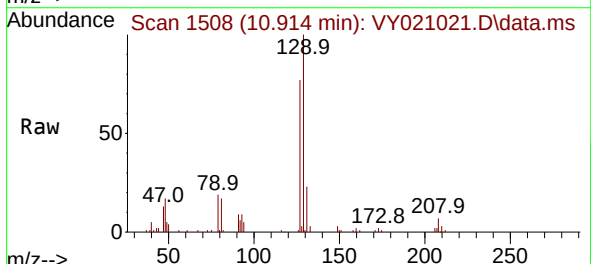
Manual Integrations
APPROVED

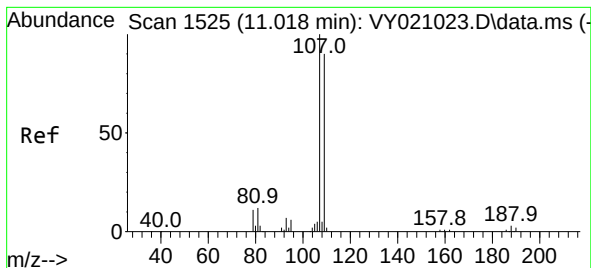
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#60
Dibromochloromethane
Concen: 10.585 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

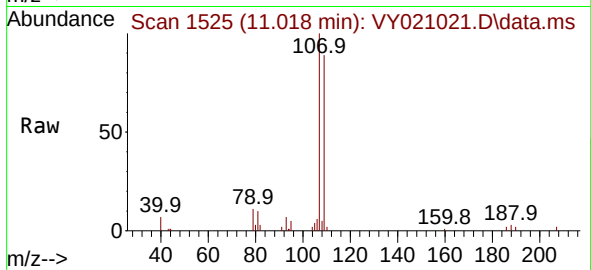
Tgt Ion:129 Resp: 18851
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61
1,2-Dibromoethane
Concen: 10.684 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

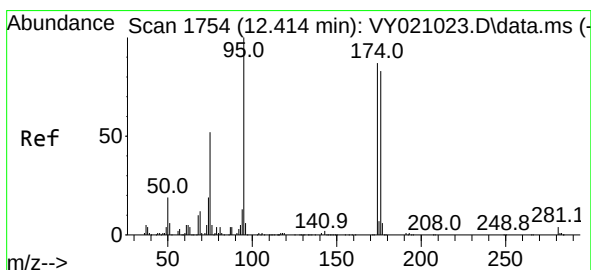
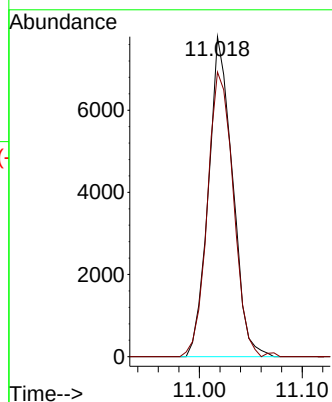
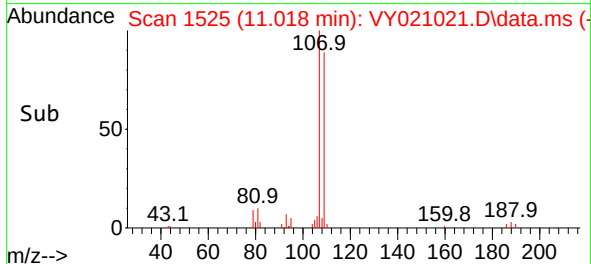
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



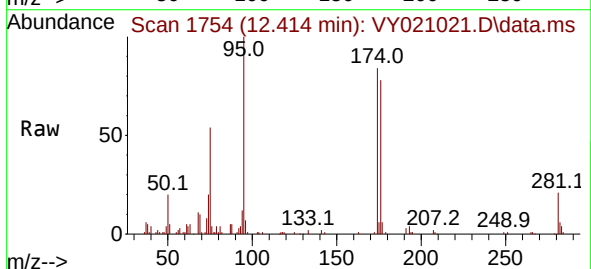
Tgt Ion:107 Resp: 12740
Ion Ratio Lower Upper
107 100
109 95.5 76.6 114.8

Manual Integrations
APPROVED

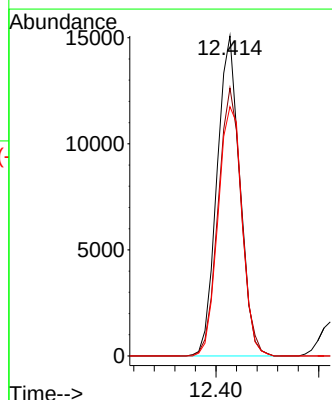
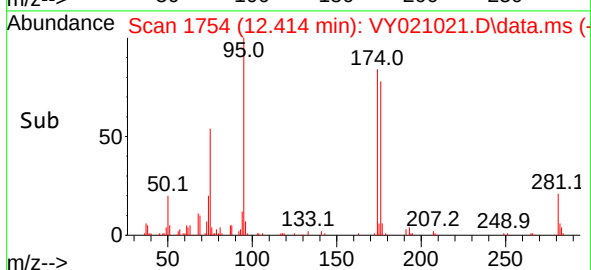
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

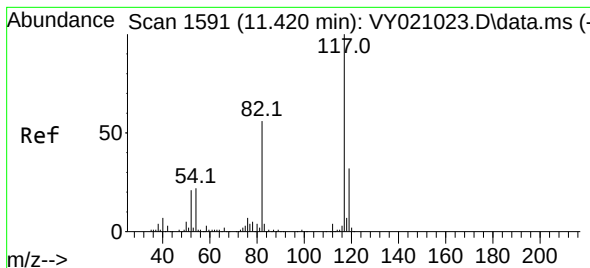


#62
4-Bromofluorobenzene
Concen: 10.362 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57



Tgt Ion: 95 Resp: 23279
Ion Ratio Lower Upper
95 100
174 85.2 0.0 181.2
176 82.2 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

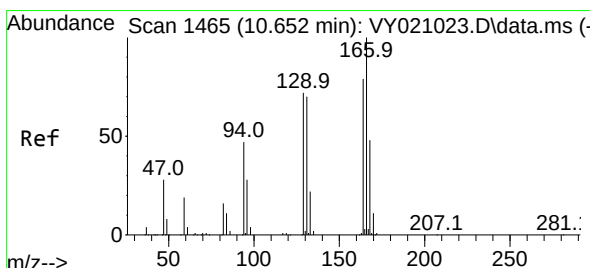
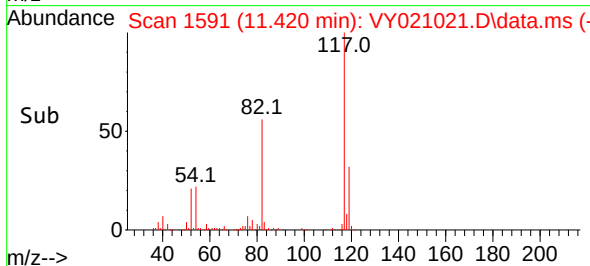
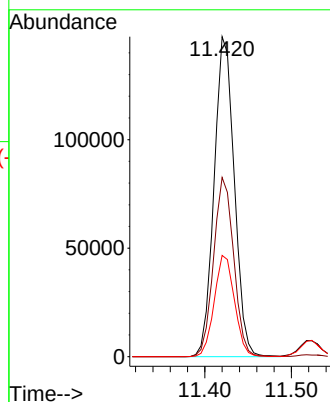
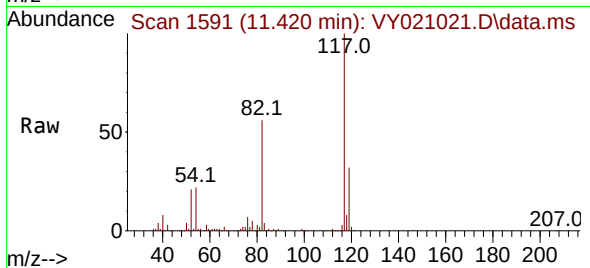
Tgt Ion:117 Resp: 239030

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.2	66.2
119	31.6	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#64

Tetrachloroethene

Concen: 9.730 ug/l

RT: 10.652 min Scan# 1465

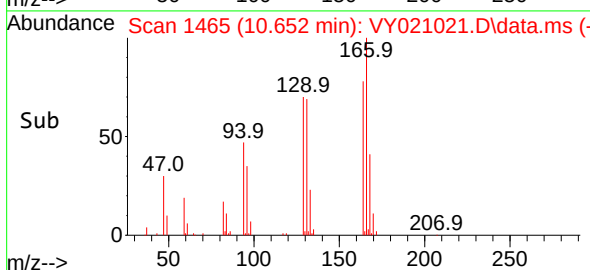
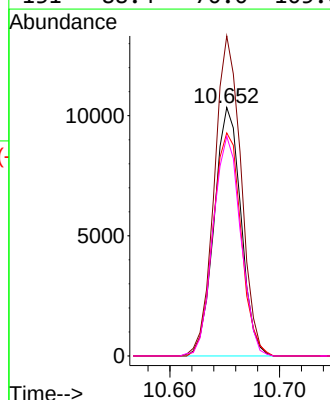
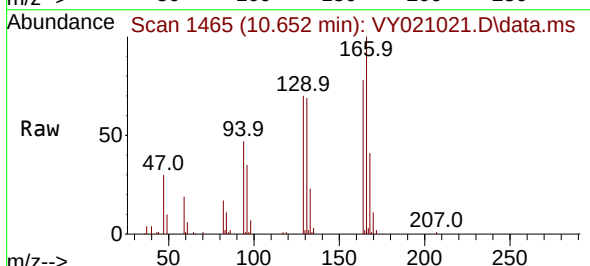
Delta R.T. 0.000 min

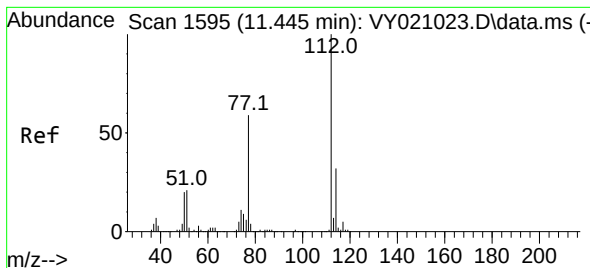
Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion:164 Resp: 17544

Ion	Ratio	Lower	Upper
164	100		
166	128.8	100.4	150.6
129	89.8	70.8	106.2
131	88.4	70.0	105.0





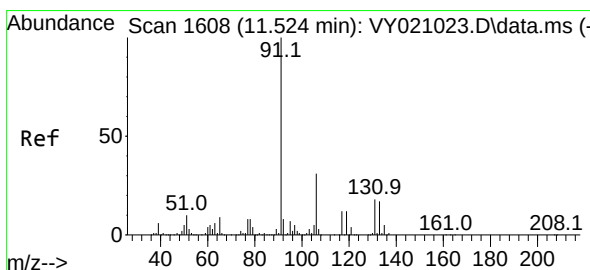
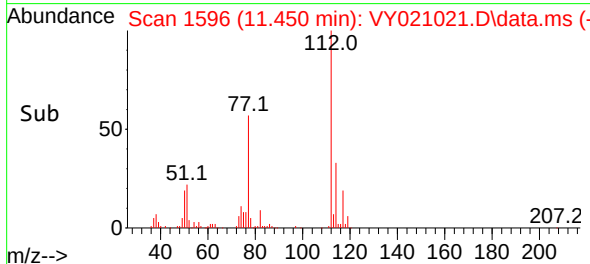
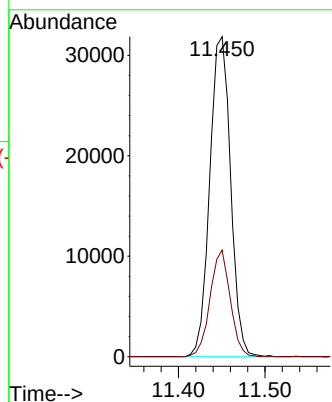
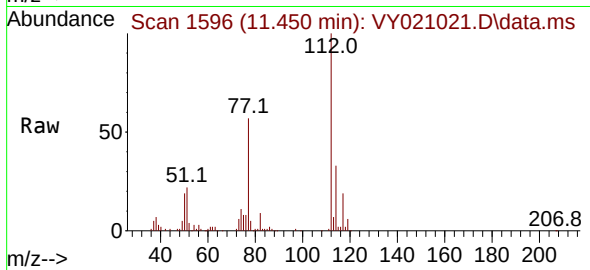
#65
Chlorobenzene
Concen: 10.583 ug/l
RT: 11.450 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 53298
Ion Ratio Lower Upper
112 100
114 33.3 24.6 37.0

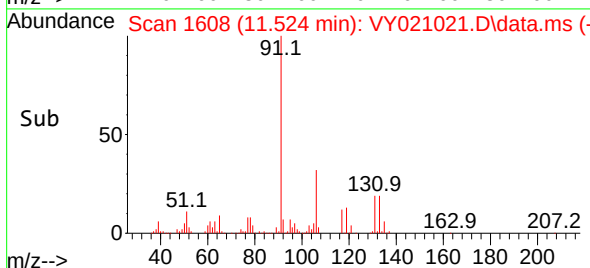
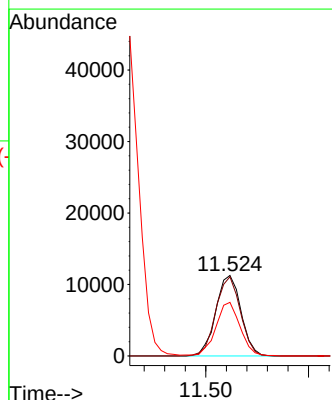
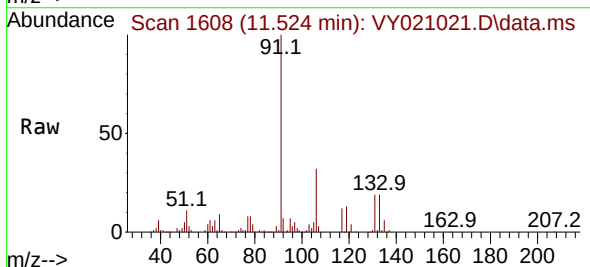
Manual Integrations
APPROVED

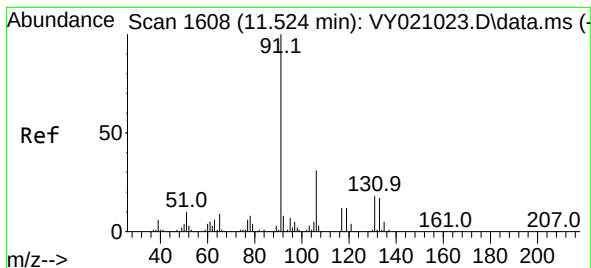
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 10.714 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:131 Resp: 19150
Ion Ratio Lower Upper
131 100
133 96.1 48.7 146.1
119 64.1 31.4 94.3





#67

Ethyl Benzene

Concen: 10.411 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 9078

Ion Ratio Lower Upper

91 100

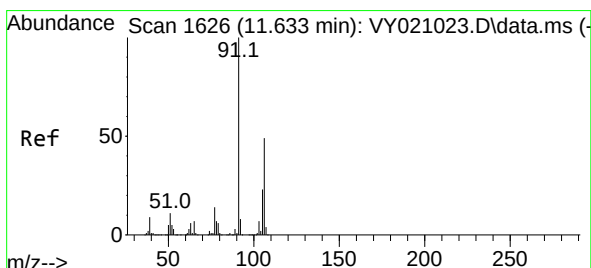
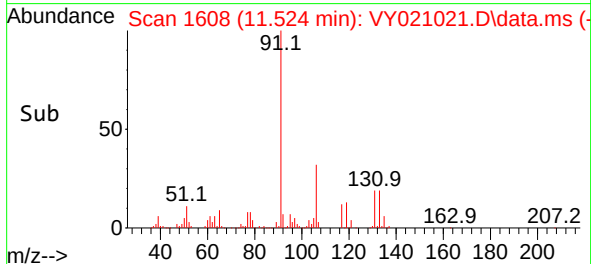
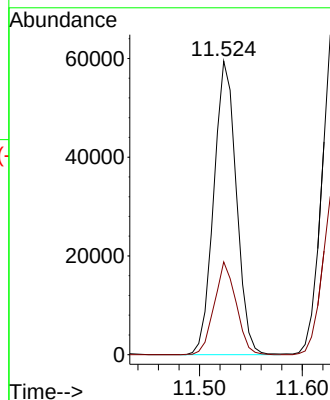
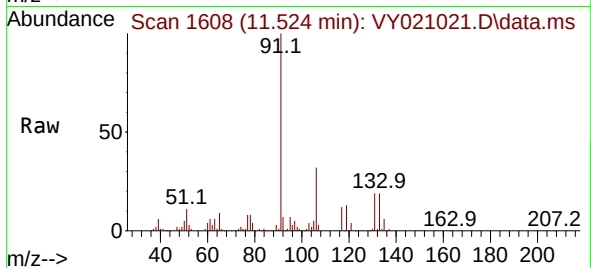
106 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#68

m/p-Xylenes

Concen: 20.624 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021021.D

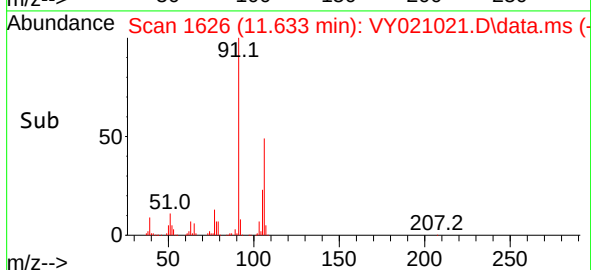
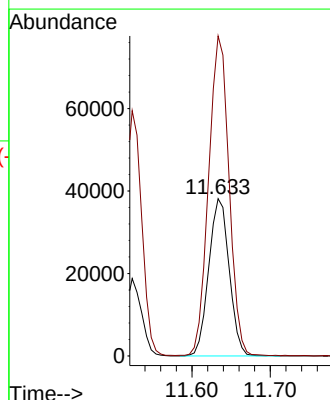
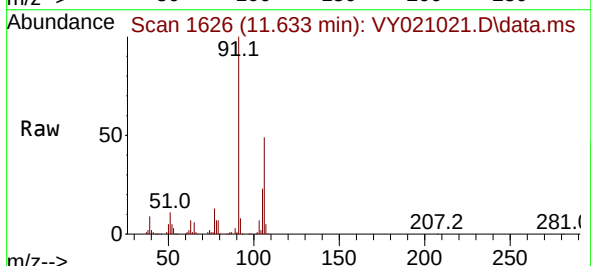
Acq: 03 Feb 2025 10:57

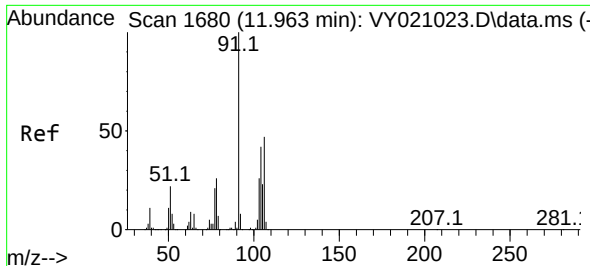
Tgt Ion:106 Resp: 69094

Ion Ratio Lower Upper

106 100

91 203.2 160.0 240.0





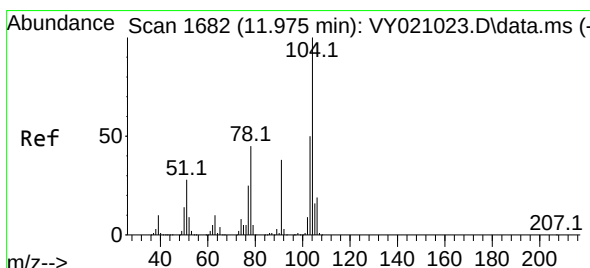
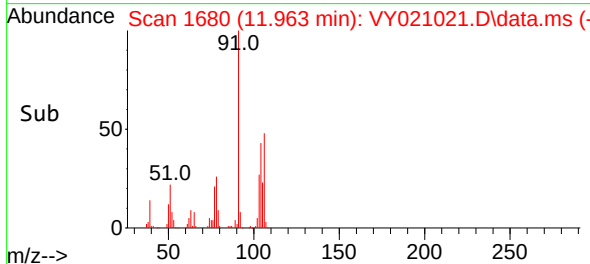
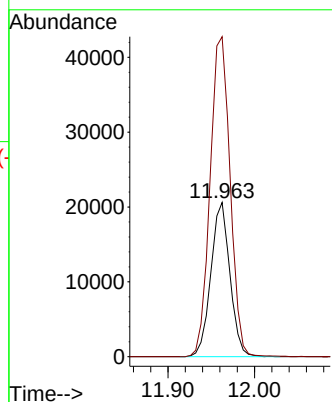
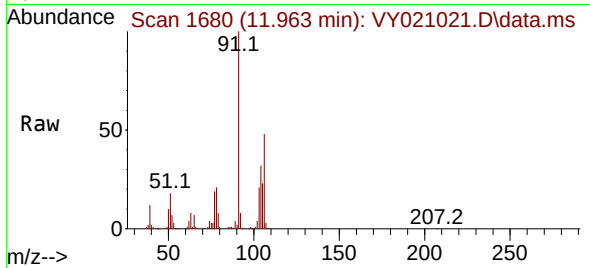
#69
o-Xylene
Concen: 10.106 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 3147
Ion Ratio Lower Upper
106 100
91 218.6 105.8 317.6

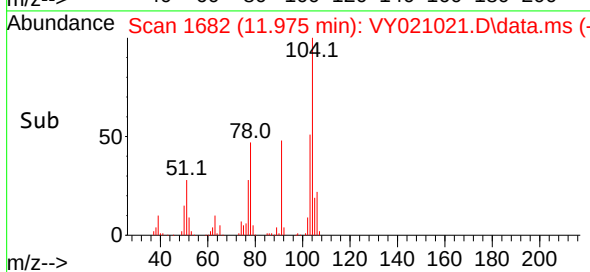
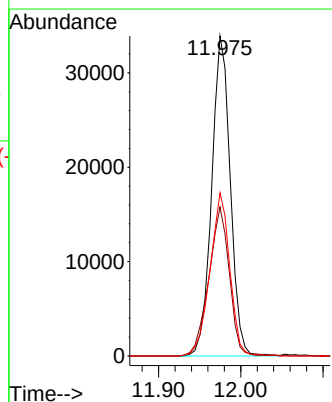
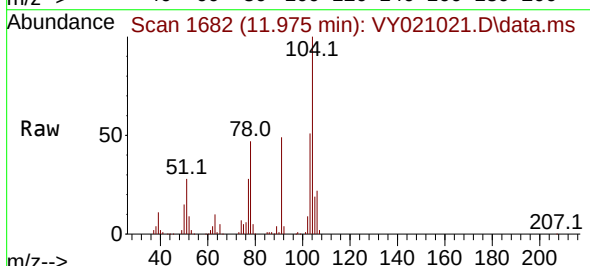
Manual Integrations
APPROVED

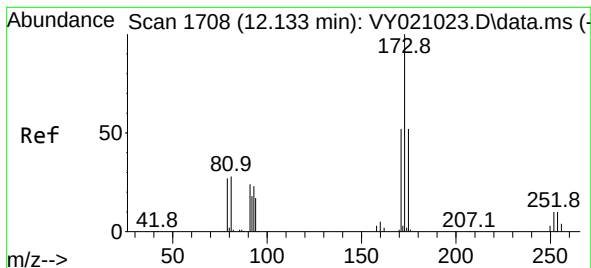
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#70
Styrene
Concen: 10.334 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:104 Resp: 53436
Ion Ratio Lower Upper
104 100
78 51.0 39.0 58.4
103 54.3 43.7 65.5





#71

Bromoform

Concen: 10.088 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

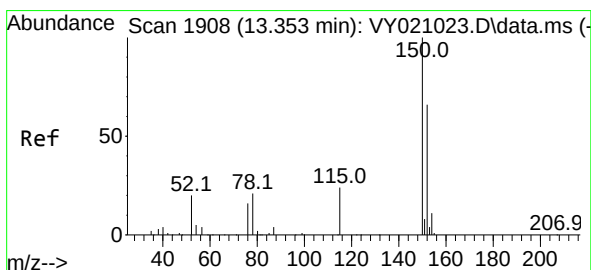
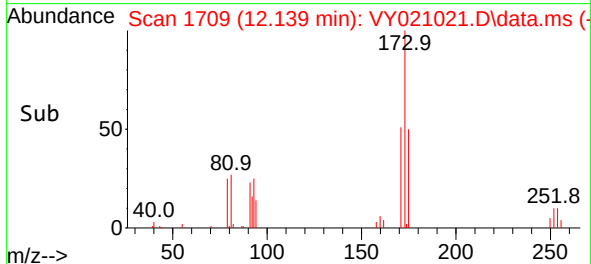
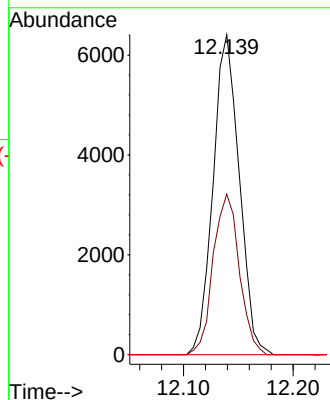
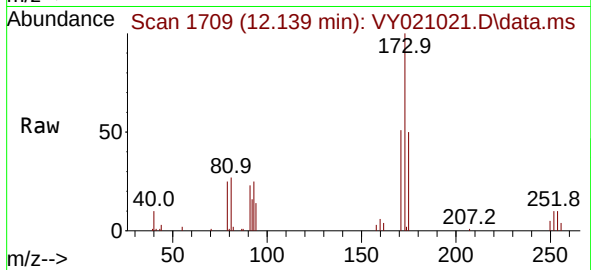
VSTDIC010

Tgt Ion:173	Resp:	1062
Ion Ratio	Lower	Upper
173	100	
175	50.1	24.1 72.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

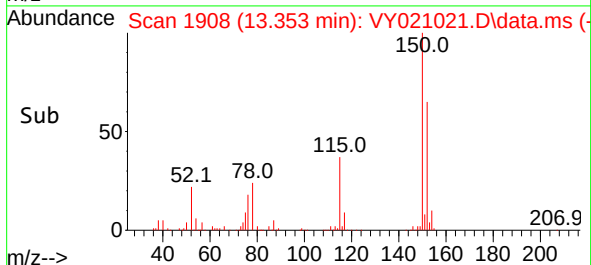
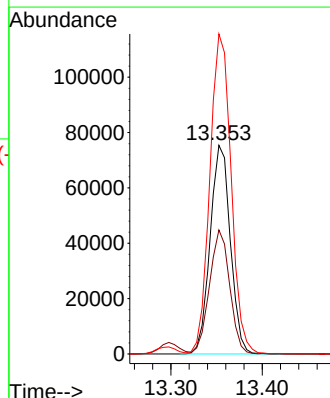
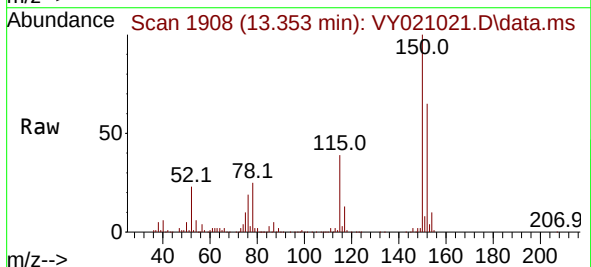
RT: 13.353 min Scan# 1908

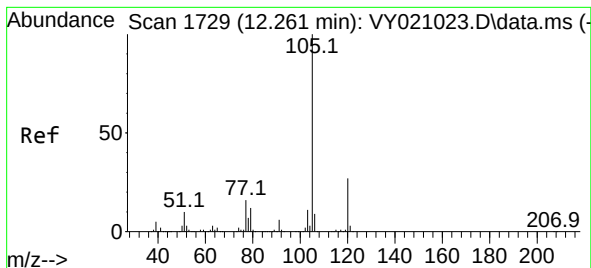
Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion:152	Resp:	115682
Ion Ratio	Lower	Upper
152	100	
115	59.3	28.4 85.2
150	161.1	0.0 342.8





#73

Isopropylbenzene

Concen: 10.522 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:105 Resp: 8549

Ion Ratio Lower Upper

105 100

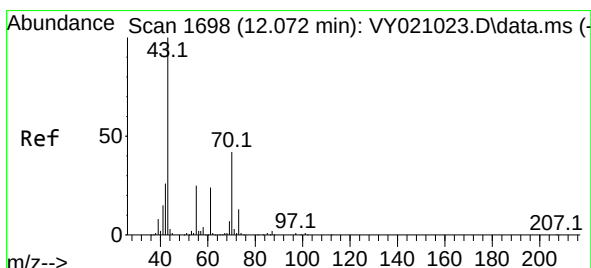
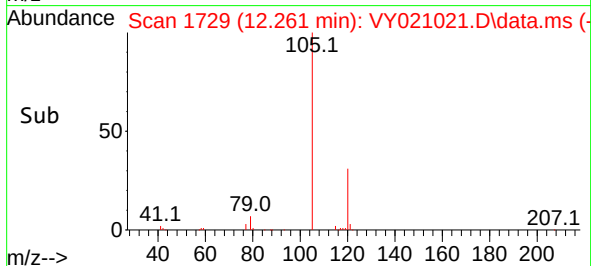
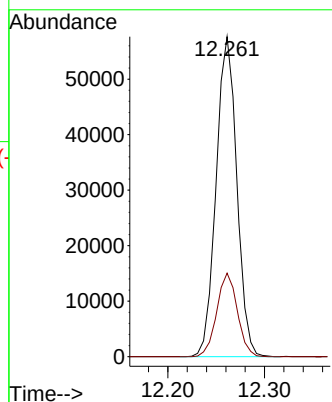
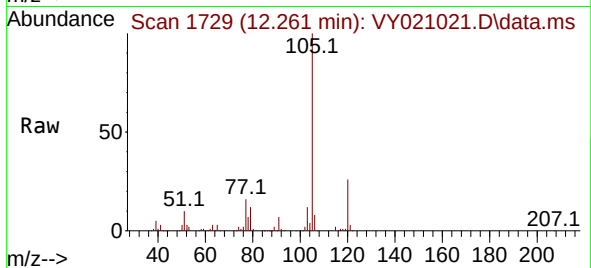
120 26.0 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#74

N-ethyl acetate

Concen: 12.524 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion: 43 Resp: 18529

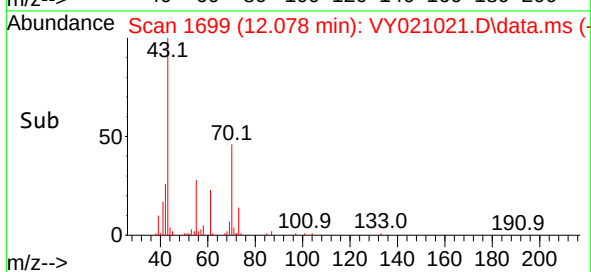
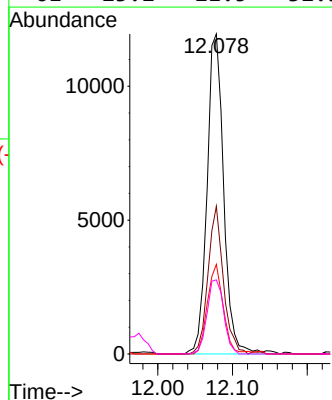
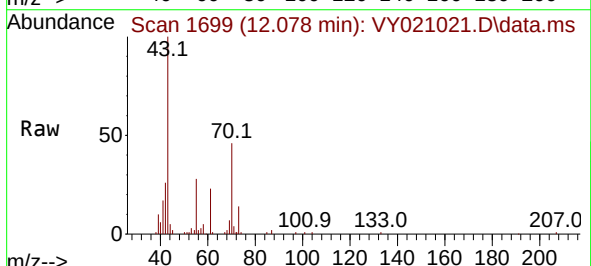
Ion Ratio Lower Upper

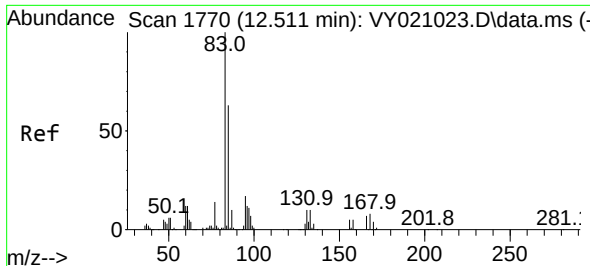
43 100

70 42.6 39.3 58.9

55 27.0 22.3 33.5

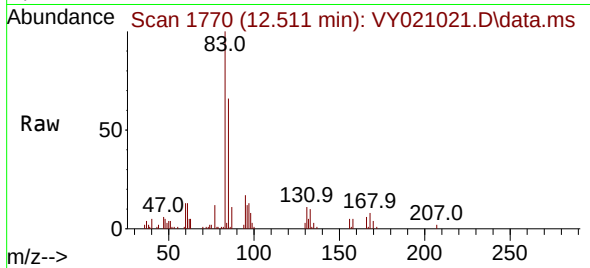
61 23.2 21.5 32.3





#75
1,1,2,2-Tetrachloroethane
Concen: 11.393 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

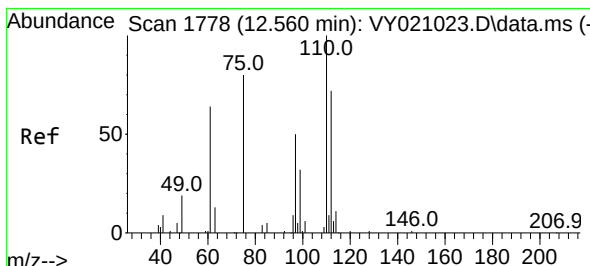
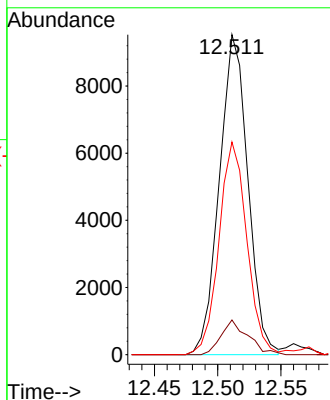
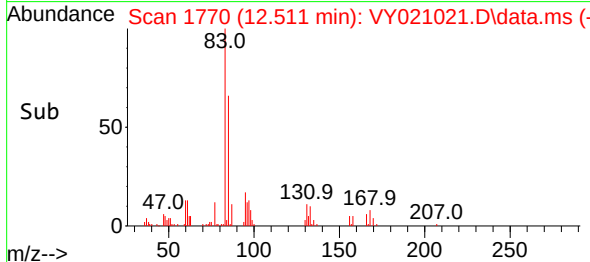
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



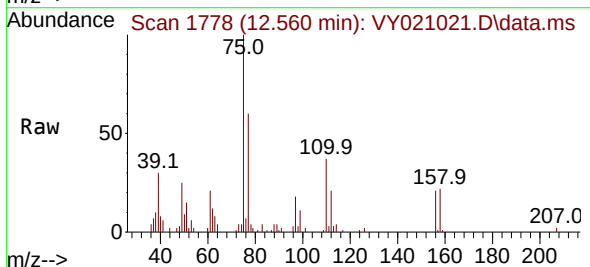
Tgt Ion: 83 Resp: 1494
Ion Ratio Lower Upper
83 100
131 10.2 5.7 17.1
85 65.5 31.9 95.9

Manual Integrations
APPROVED

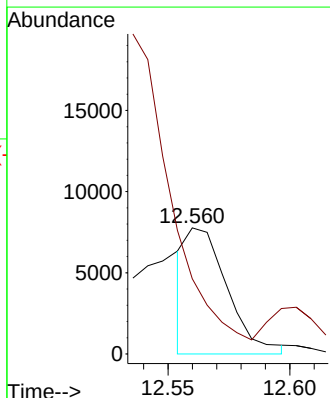
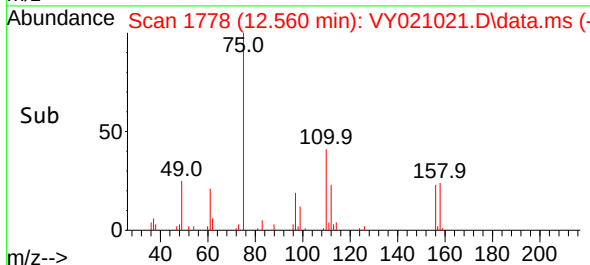
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

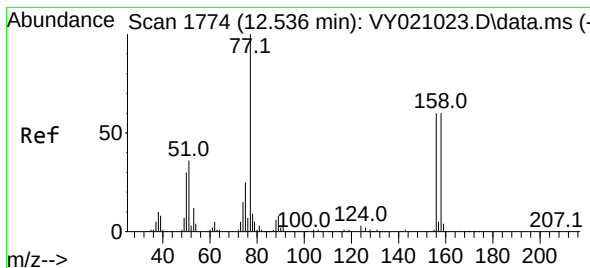


#76
1,2,3-Trichloropropane
Concen: 9.926 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57



Tgt Ion: 75 Resp: 9090
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.712 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

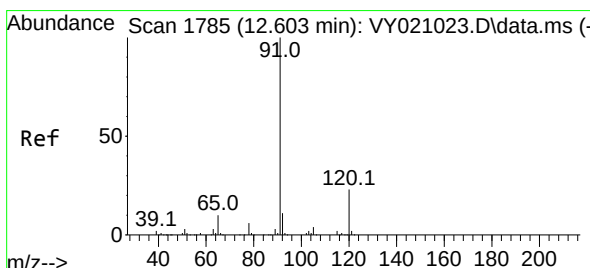
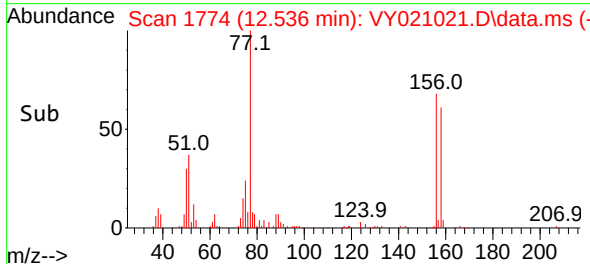
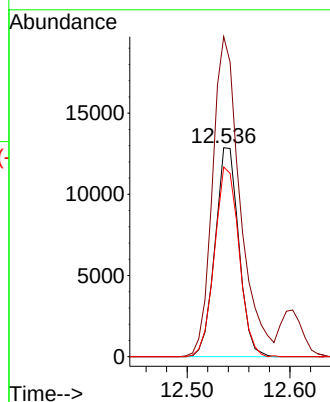
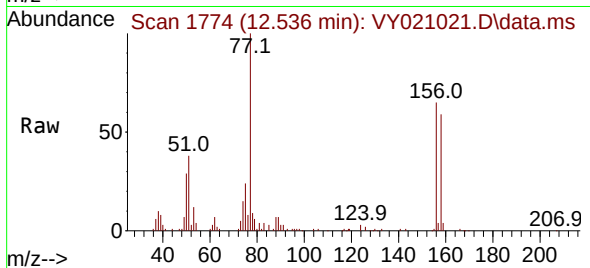
VSTDIC010

Tgt Ion:	156	Resp:	20634
Ion Ratio	Lower	Upper	
156	100		
77	177.9	83.3	249.9
158	94.0	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#78

n-propylbenzene

Concen: 10.738 ug/l

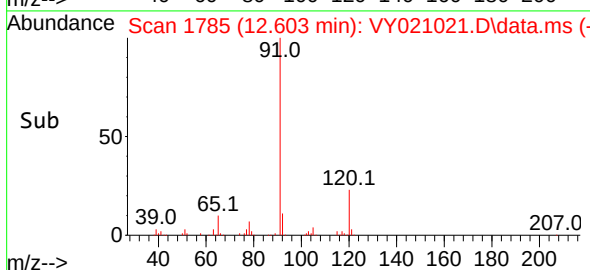
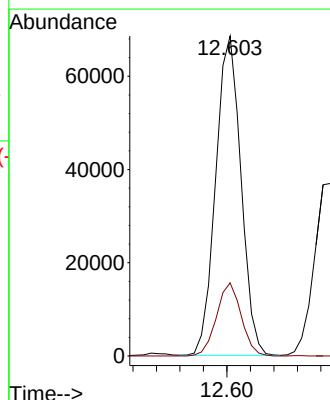
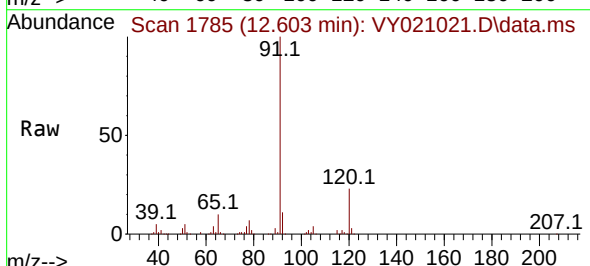
RT: 12.603 min Scan# 1785

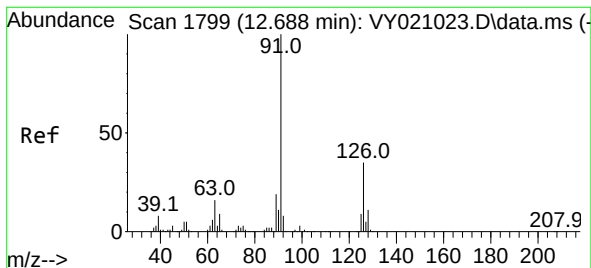
Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion:	91	Resp:	102250
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.8	35.4





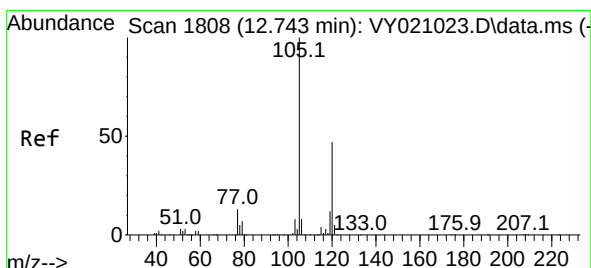
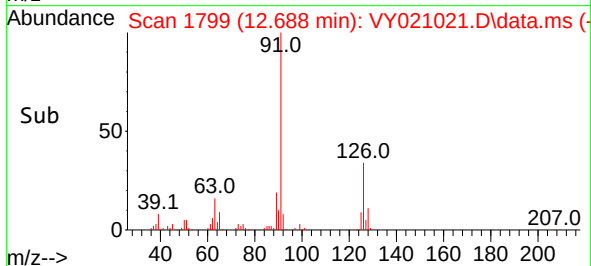
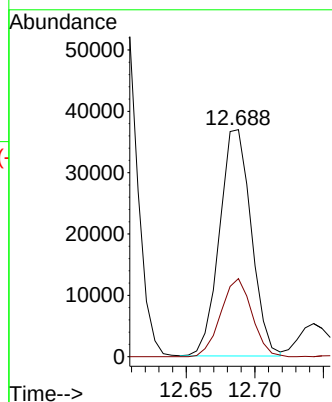
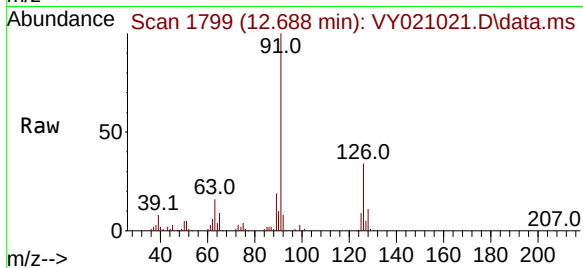
#79
2-Chlorotoluene
Concen: 10.991 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 59630
Ion Ratio Lower Upper
91 100
126 33.7 17.3 51.9

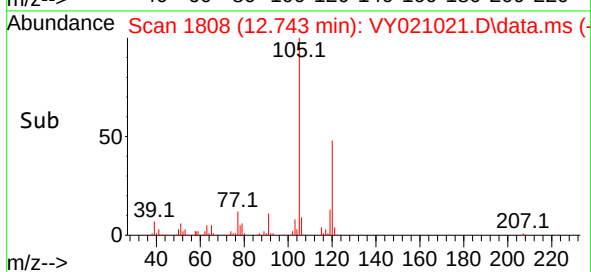
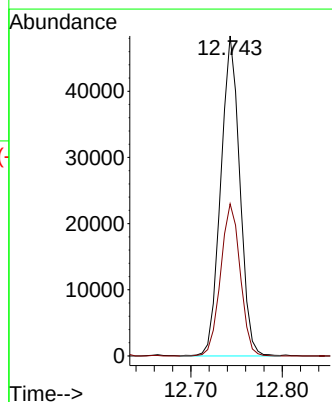
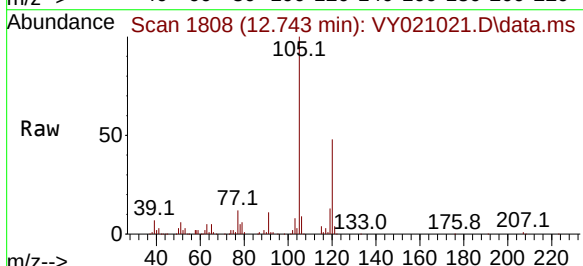
Manual Integrations
APPROVED

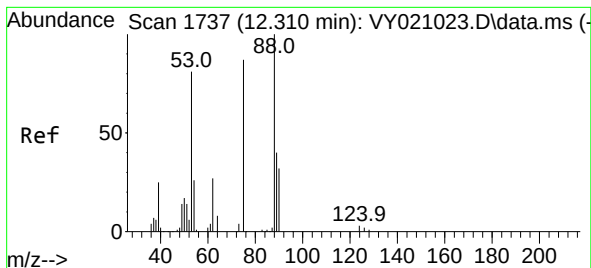
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 10.541 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:105 Resp: 70161
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9





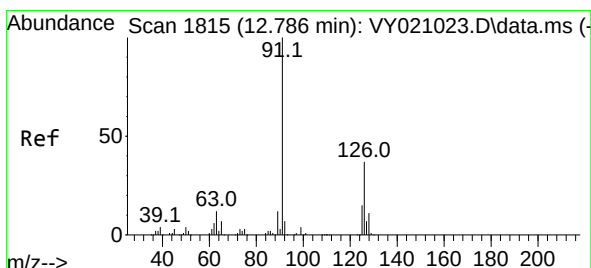
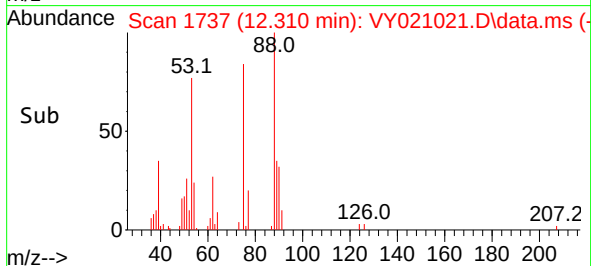
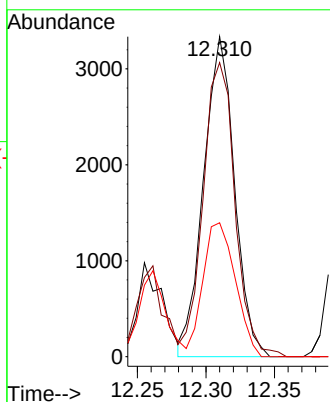
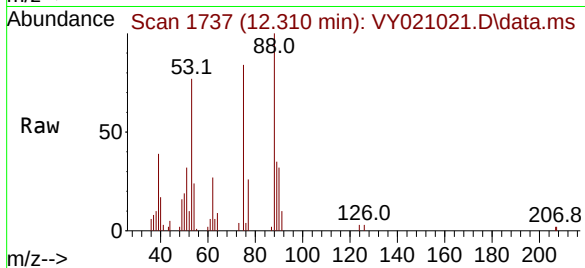
#81
trans-1,4-Dichloro-2-butene
Concen: 11.842 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 5224
Ion Ratio Lower Upper
75 100
53 94.9 68.6 103.0
89 43.8 38.1 57.1

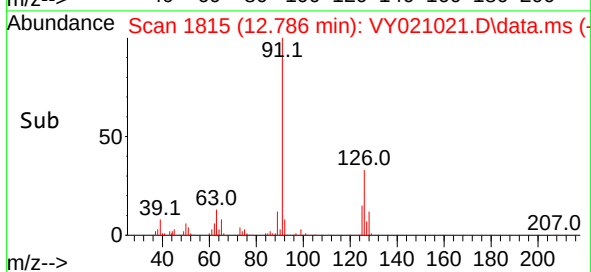
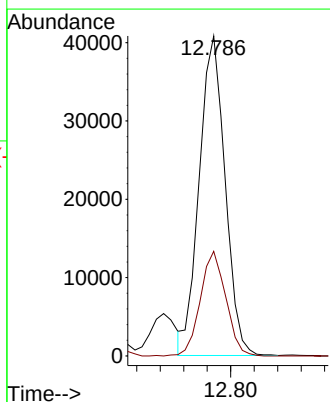
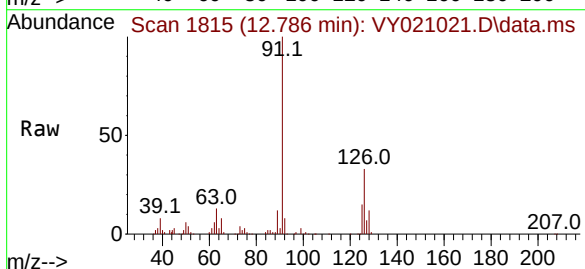
Manual Integrations
APPROVED

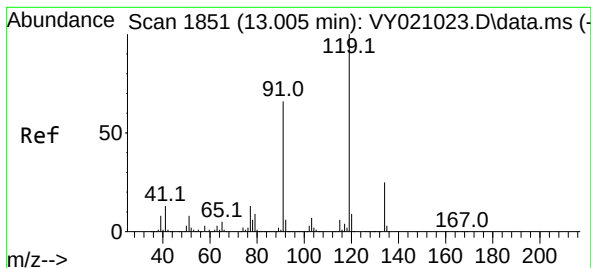
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#82
4-Chlorotoluene
Concen: 11.217 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 91 Resp: 62279
Ion Ratio Lower Upper
91 100
126 32.3 17.3 52.0





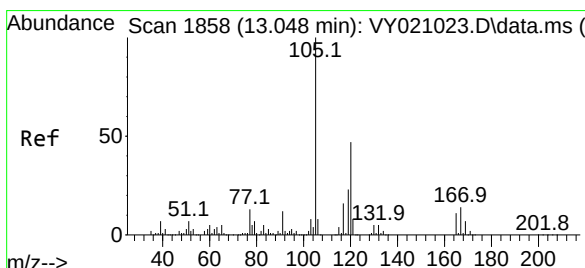
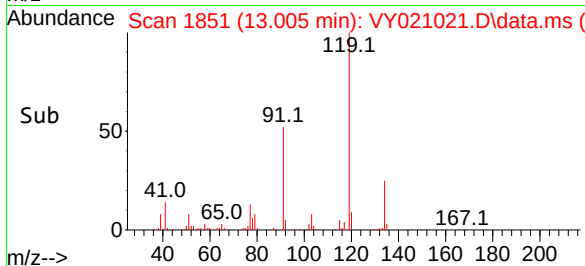
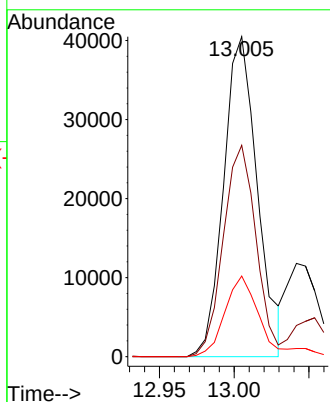
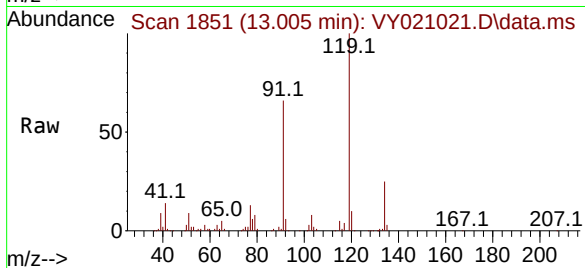
#83
tert-Butylbenzene
Concen: 10.287 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 63500
Ion Ratio Lower Upper
119 100
91 64.2 31.4 94.0
134 26.7 13.1 39.1

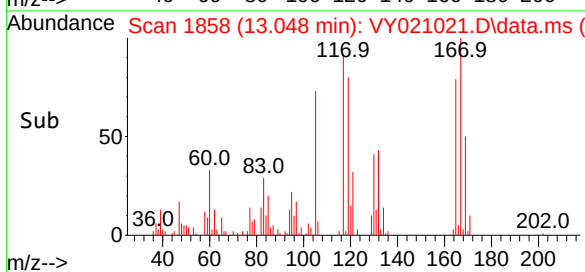
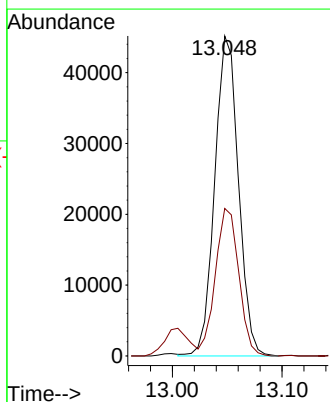
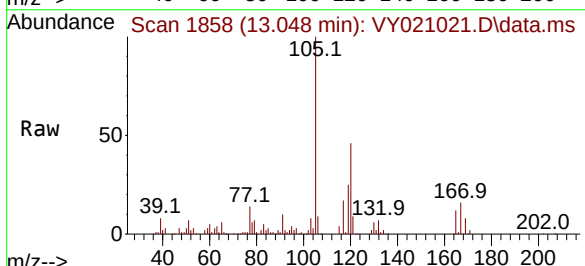
Manual Integrations
APPROVED

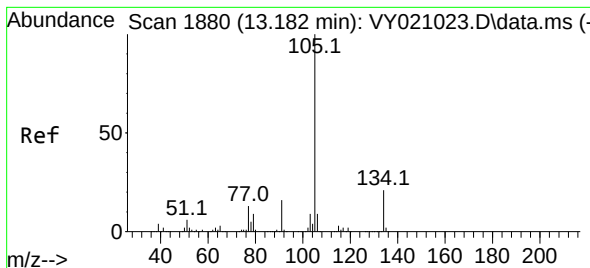
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#84
1,2,4-Trimethylbenzene
Concen: 10.444 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:105 Resp: 67906
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.0





#85

sec-Butylbenzene

Concen: 10.596 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:105 Resp: 92610

Ion Ratio Lower Upper

105 100

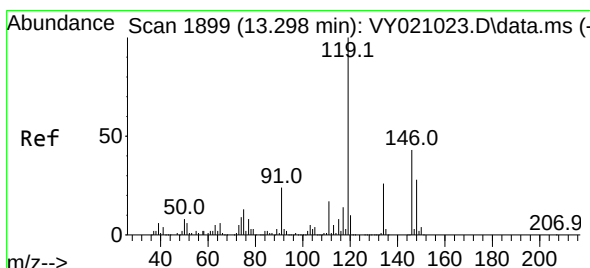
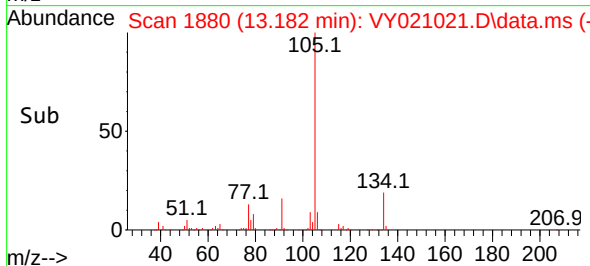
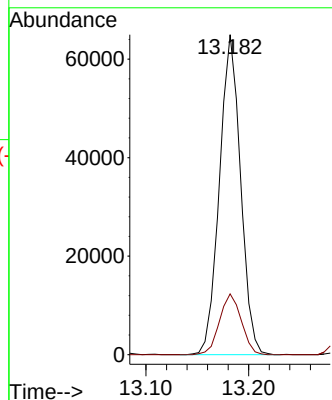
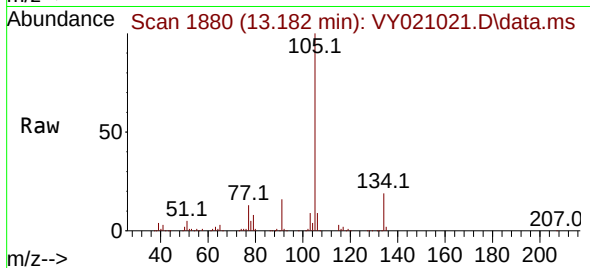
134 19.6 10.3 30.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#86

p-Isopropyltoluene

Concen: 10.196 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

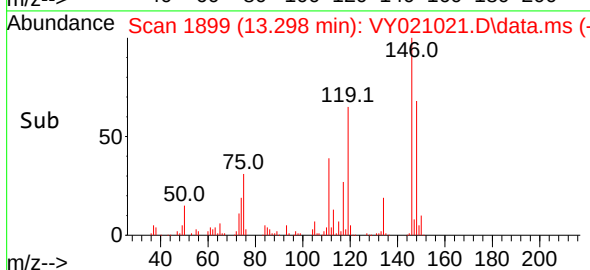
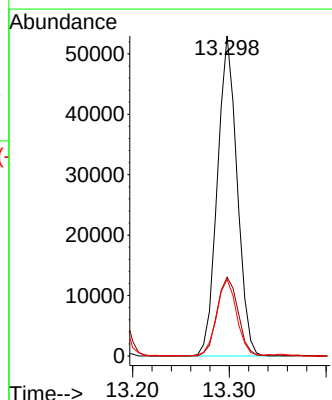
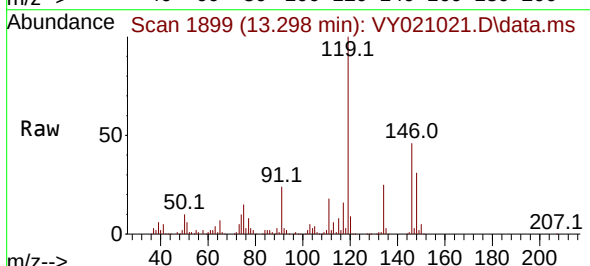
Tgt Ion:119 Resp: 74892

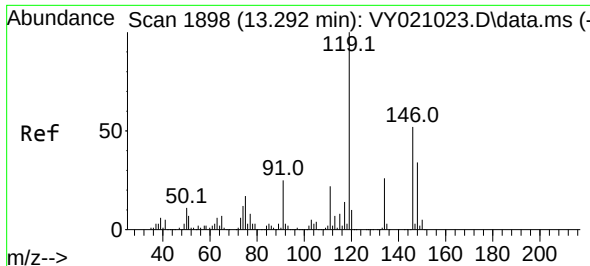
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

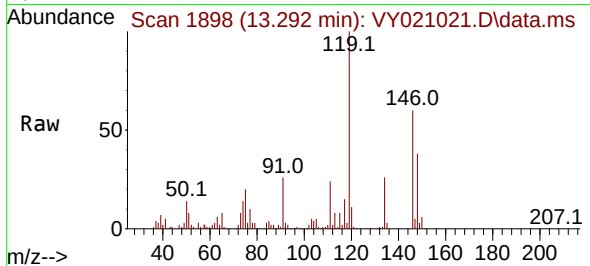
91 24.4 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 10.388 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

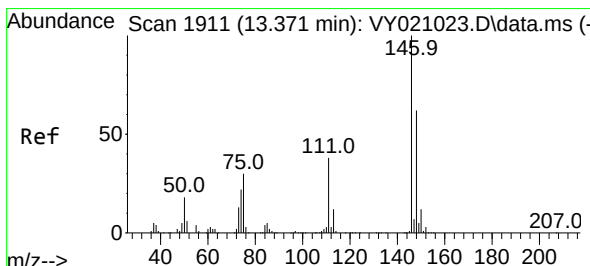
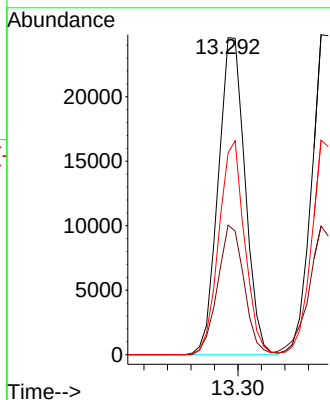
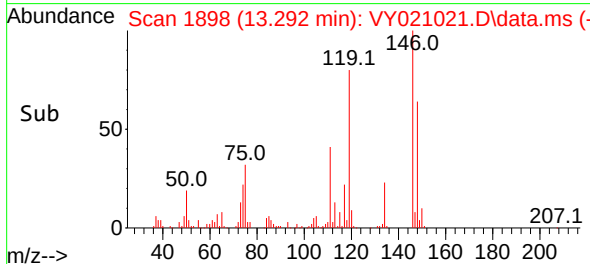
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



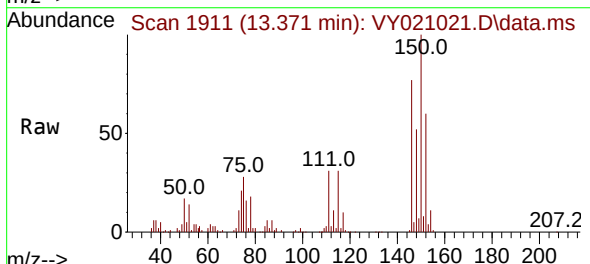
Tgt Ion:146 Resp: 39010
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.1
148 64.9 32.1 96.3

Manual Integrations
APPROVED

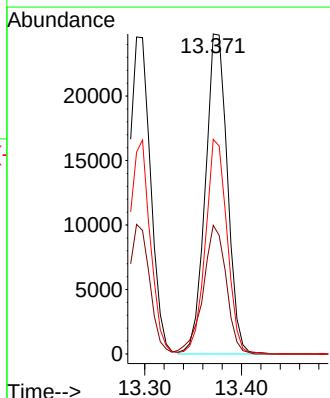
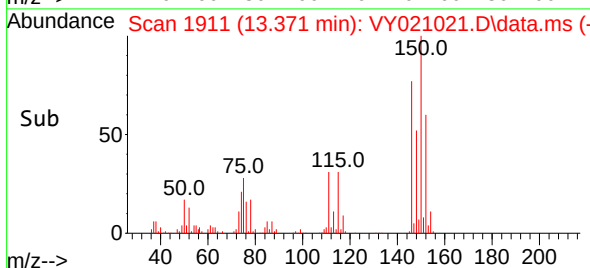
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

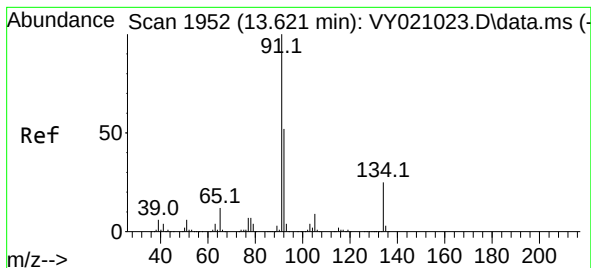


#88
1,4-Dichlorobenzene
Concen: 10.559 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57



Tgt Ion:146 Resp: 39379
Ion Ratio Lower Upper
146 100
111 42.2 19.0 57.0
148 65.8 31.6 95.0





#89

n-Butylbenzene

Concen: 10.280 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

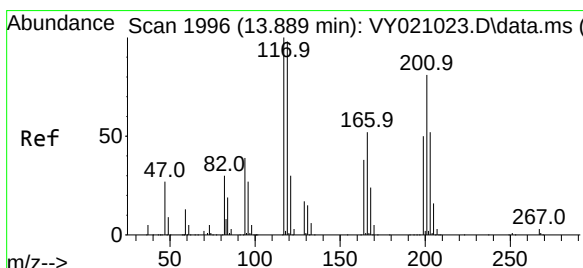
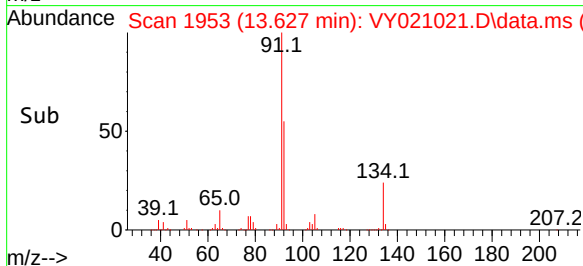
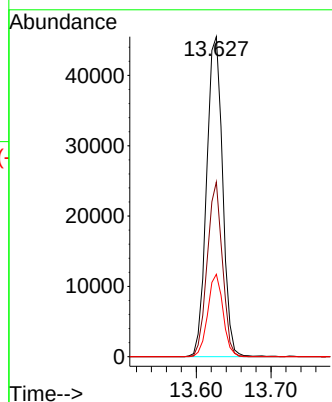
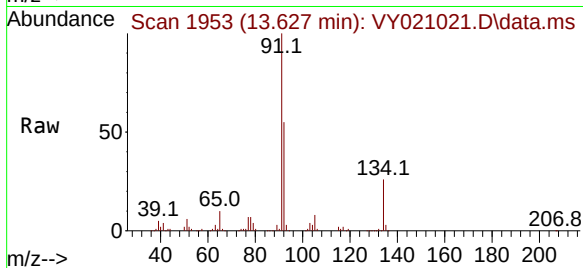
VSTDIC010

Tgt Ion:	91	Resp:	6763
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.7	80.1
134	24.6	13.7	41.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#90

Hexachloroethane

Concen: 10.788 ug/l

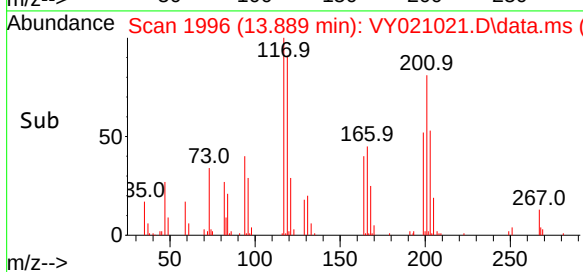
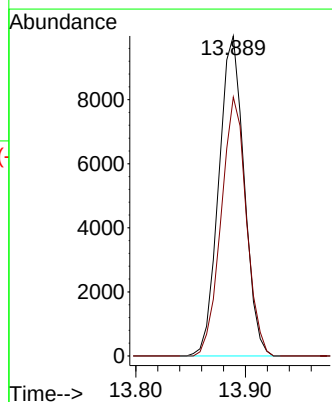
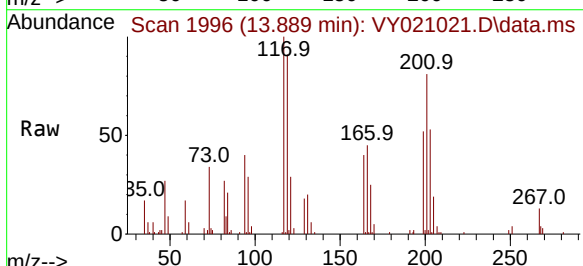
RT: 13.889 min Scan# 1996

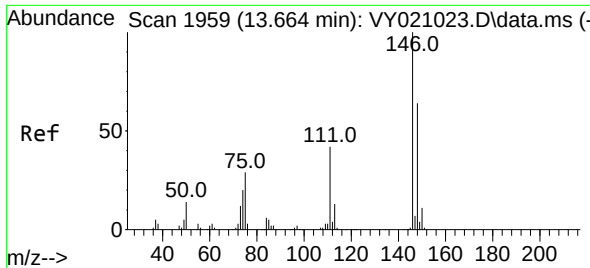
Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion:	117	Resp:	16030
Ion	Ratio	Lower	Upper
117	100		
201	80.4	42.5	127.5





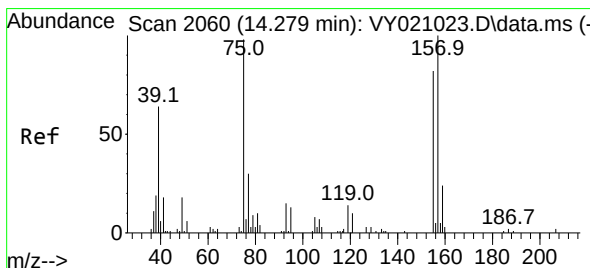
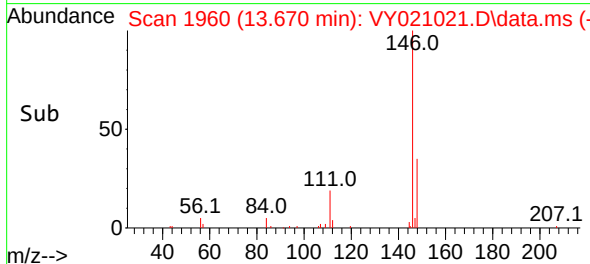
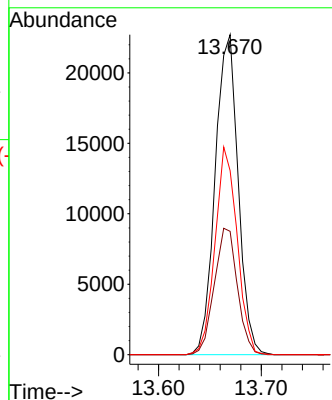
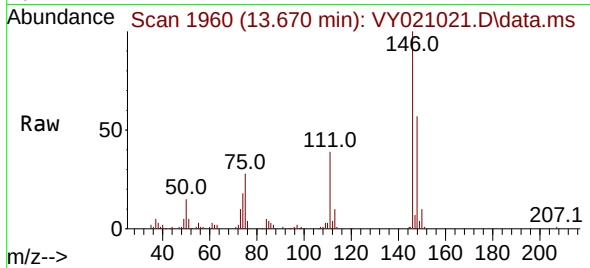
#91
1,2-Dichlorobenzene
Concen: 10.763 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 3525
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.8
148 62.4 32.2 96.6

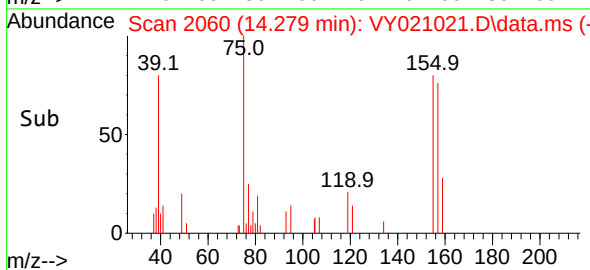
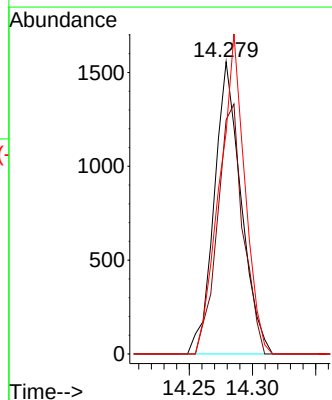
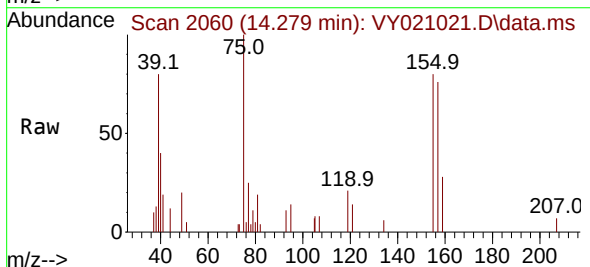
Manual Integrations
APPROVED

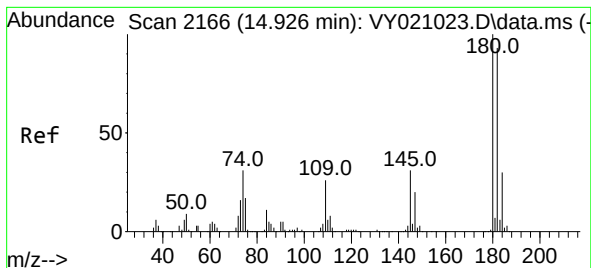
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.372 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion: 75 Resp: 2296
Ion Ratio Lower Upper
75 100
155 82.0 45.9 137.6
157 102.7 59.3 177.9





#93

1,2,4-Trichlorobenzene

Concen: 8.702 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

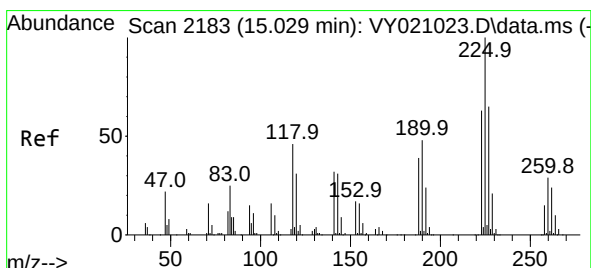
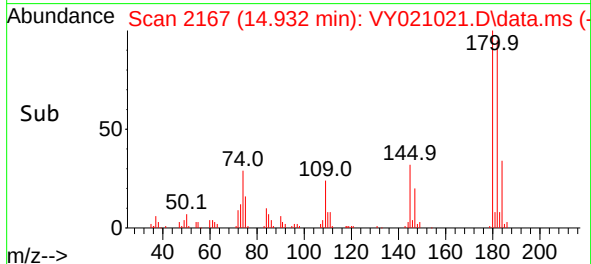
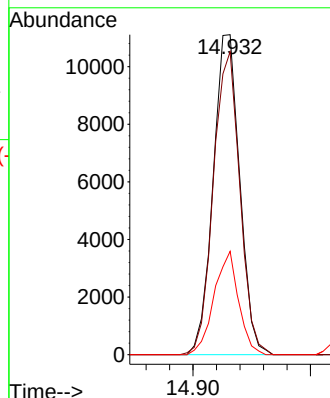
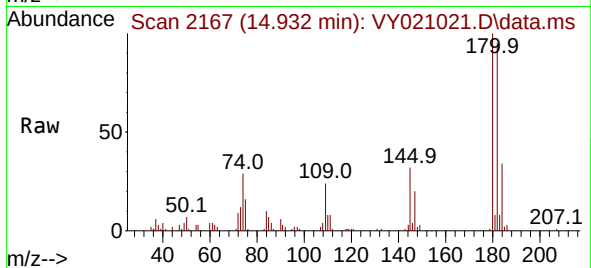
VSTDICC010

Tgt Ion:	180	Resp:	1745
Ion Ratio	Lower	Upper	
180	100		
182	94.2	48.3	144.8
145	29.9	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#94

Hexachlorobutadiene

Concen: 8.631 ug/l

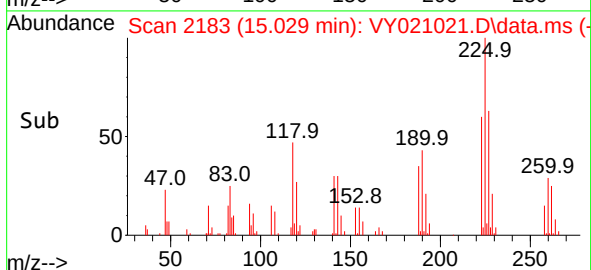
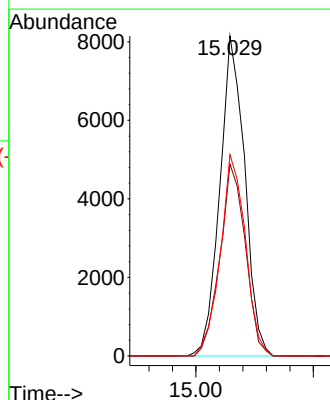
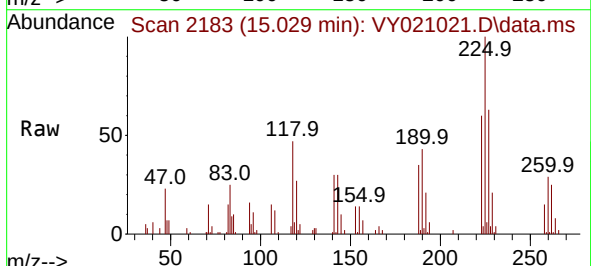
RT: 15.029 min Scan# 2183

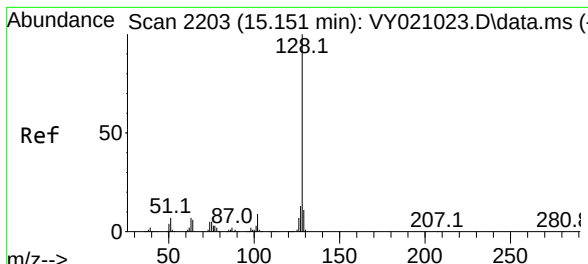
Delta R.T. 0.000 min

Lab File: VY021021.D

Acq: 03 Feb 2025 10:57

Tgt Ion:	225	Resp:	11988
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.4	94.2
227	63.5	31.8	95.3





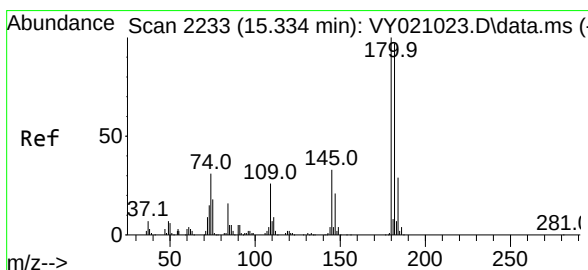
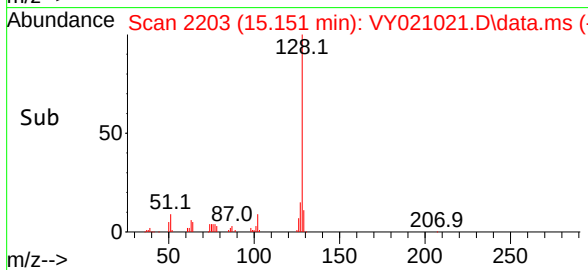
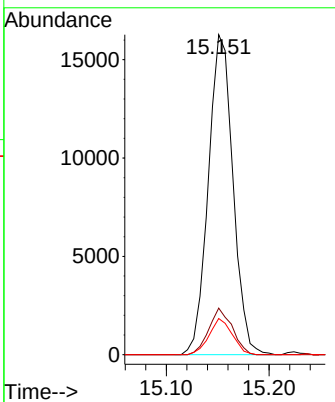
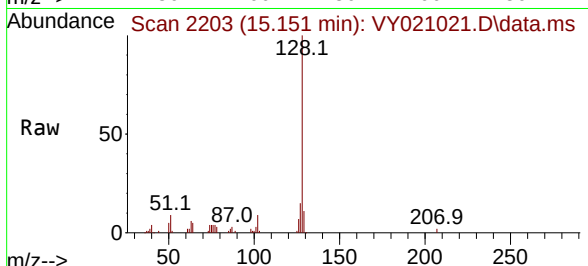
#95
Naphthalene
Concen: 8.409 ug/l
RT: 15.151 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Instrument : MSVOA_Y
ClientSampleId : VSTDIC010

Tgt Ion:128	Resp: 2710
Ion Ratio	Lower Upper
128 100	
127 13.9	10.2 15.4
129 10.6	8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 8.729 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY021021.D
Acq: 03 Feb 2025 10:57

Tgt Ion:180	Resp:	14804	
Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.7	143.1
145	31.4	15.6	46.7

