

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020955.D
 Acq On : 27 Jan 2025 17:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025
 Supervised By :Semsettin Yesilyurt 01/28/2025

Quant Time: Jan 28 01:16:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	231198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	355970	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	316328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	157764	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110930	60.178	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.360%	
35) Dibromofluoromethane	7.634	113	111812	54.714	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.420%	
50) Toluene-d8	10.109	98	425032	53.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	12.408	95	147154	55.782	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 111.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	83679	47.853	ug/l	96
3) Chloromethane	2.074	50	68648	52.782	ug/l	98
4) Vinyl Chloride	2.208	62	70012	49.391	ug/l	98
5) Bromomethane	2.598	94	49977	52.055	ug/l	95
6) Chloroethane	2.739	64	43936	52.831	ug/l	96
7) Trichlorofluoromethane	3.062	101	145906	48.446	ug/l	97
8) Diethyl Ether	3.458	74	53935	58.268	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	98938	49.787	ug/l	99
10) Methyl Iodide	4.007	142	120315	50.803	ug/l	98
11) Tert butyl alcohol	4.854	59	38096	267.715	ug/l	99
12) 1,1-Dichloroethene	3.793	96	95003	50.622	ug/l	98
13) Acrolein	3.653	56	61966	321.215	ug/l	96
14) Allyl chloride	4.391	41	143967	54.963	ug/l	98
15) Acrylonitrile	5.067	53	116812	321.042	ug/l	99
16) Acetone	3.866	43	79801	319.520	ug/l	96
17) Carbon Disulfide	4.110	76	302262	52.152	ug/l	100
18) Methyl Acetate	4.385	43	59803	66.284	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	262560	60.404	ug/l	99
20) Methylene Chloride	4.616	84	106339	57.250	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	108897	53.818	ug/l	98
22) Diisopropyl ether	6.025	45	315431	59.868	ug/l	99
23) Vinyl Acetate	5.964	43	907403	311.184	ug/l	99
24) 1,1-Dichloroethane	5.921	63	188333	56.390	ug/l	99
25) 2-Butanone	6.896	43	140571	332.268	ug/l	96
26) 2,2-Dichloropropane	6.884	77	158075	48.052	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	129240	56.595	ug/l	99
28) Bromochloromethane	7.250	49	75748	56.353	ug/l	99
29) Tetrahydrofuran	7.262	42	95308	338.025	ug/l	100
30) Chloroform	7.421	83	202687	57.340	ug/l	100
31) Cyclohexane	7.701	56	155069	47.240	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	181839	53.034	ug/l	99
36) 1,1-Dichloropropene	7.835	75	140350	49.191	ug/l	100
37) Ethyl Acetate	6.988	43	64148	57.949	ug/l	99
38) Carbon Tetrachloride	7.823	117	168464	48.961	ug/l	99
39) Methylcyclohexane	9.109	83	181832	47.074	ug/l	99
40) Benzene	8.085	78	444391	53.090	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	36891	63.086	ug/l	96
42) 1,2-Dichloroethane	8.158	62	119908	57.571	ug/l	99
43) Isopropyl Acetate	8.201	43	128282	61.111	ug/l	100
44) Trichloroethene	8.866	130	117970	51.877	ug/l	100
45) 1,2-Dichloropropane	9.140	63	102219	55.322	ug/l	100
46) Dibromomethane	9.231	93	61675	58.714	ug/l	100
47) Bromodichloromethane	9.426	83	157443	56.332	ug/l	97
48) Methyl methacrylate	9.219	41	60842	61.443	ug/l	99
49) 1,4-Dioxane	9.231	88	14158	1309.051	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	331061	312.781	ug/l	99
52) Toluene	10.170	92	287620	53.427	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	145509	56.780	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	170011	55.559	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	82752	58.281	ug/l	98
56) Ethyl methacrylate	10.438	69	114266	61.406	ug/l	99
57) 1,3-Dichloropropane	10.719	76	141517	58.670	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	235193	278.476	ug/l	100
59) 2-Hexanone	10.762	43	220046	323.306	ug/l	99
60) Dibromochloromethane	10.914	129	118358	59.228	ug/l	97
61) 1,2-Dibromoethane	11.018	107	79586	58.602	ug/l	99
64) Tetrachloroethene	10.646	164	104282	47.371	ug/l	97
65) Chlorobenzene	11.444	112	318633	51.510	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	115228	52.420	ug/l	99
67) Ethyl Benzene	11.517	91	545456	50.534	ug/l	100
68) m/p-Xylenes	11.627	106	420778	101.806	ug/l	99
69) o-Xylene	11.956	106	201356	52.155	ug/l	99
70) Styrene	11.969	104	344451	54.440	ug/l	100
71) Bromoform	12.133	173	71349	57.322	ug/l #	100
73) Isopropylbenzene	12.255	105	524769	48.297	ug/l	100
74) N-amyl acetate	12.072	43	110479	57.141	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	92997	55.009	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	73152m	65.581	ug/l	
77) Bromobenzene	12.536	156	130421	51.207	ug/l	100
78) n-propylbenzene	12.597	91	610360	48.225	ug/l	100
79) 2-Chlorotoluene	12.682	91	356741	49.696	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	431140	49.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31172	53.991	ug/l	96
82) 4-Chlorotoluene	12.779	91	361594	49.329	ug/l	99
83) tert-Butylbenzene	12.999	119	389627	48.383	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	430740	50.115	ug/l	100
85) sec-Butylbenzene	13.176	105	550692	47.964	ug/l	99
86) p-Isopropyltoluene	13.292	119	469729	48.426	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	243587	49.944	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	239296	49.947	ug/l	99
89) n-Butylbenzene	13.621	91	407786	47.660	ug/l	100
90) Hexachloroethane	13.883	117	94785	49.190	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	219769	52.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13834	54.472	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	125069	49.201	ug/l	99
94) Hexachlorobutadiene	15.029	225	80684	46.392	ug/l	100
95) Naphthalene	15.151	128	222089	54.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	109209	51.137	ug/l	100

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

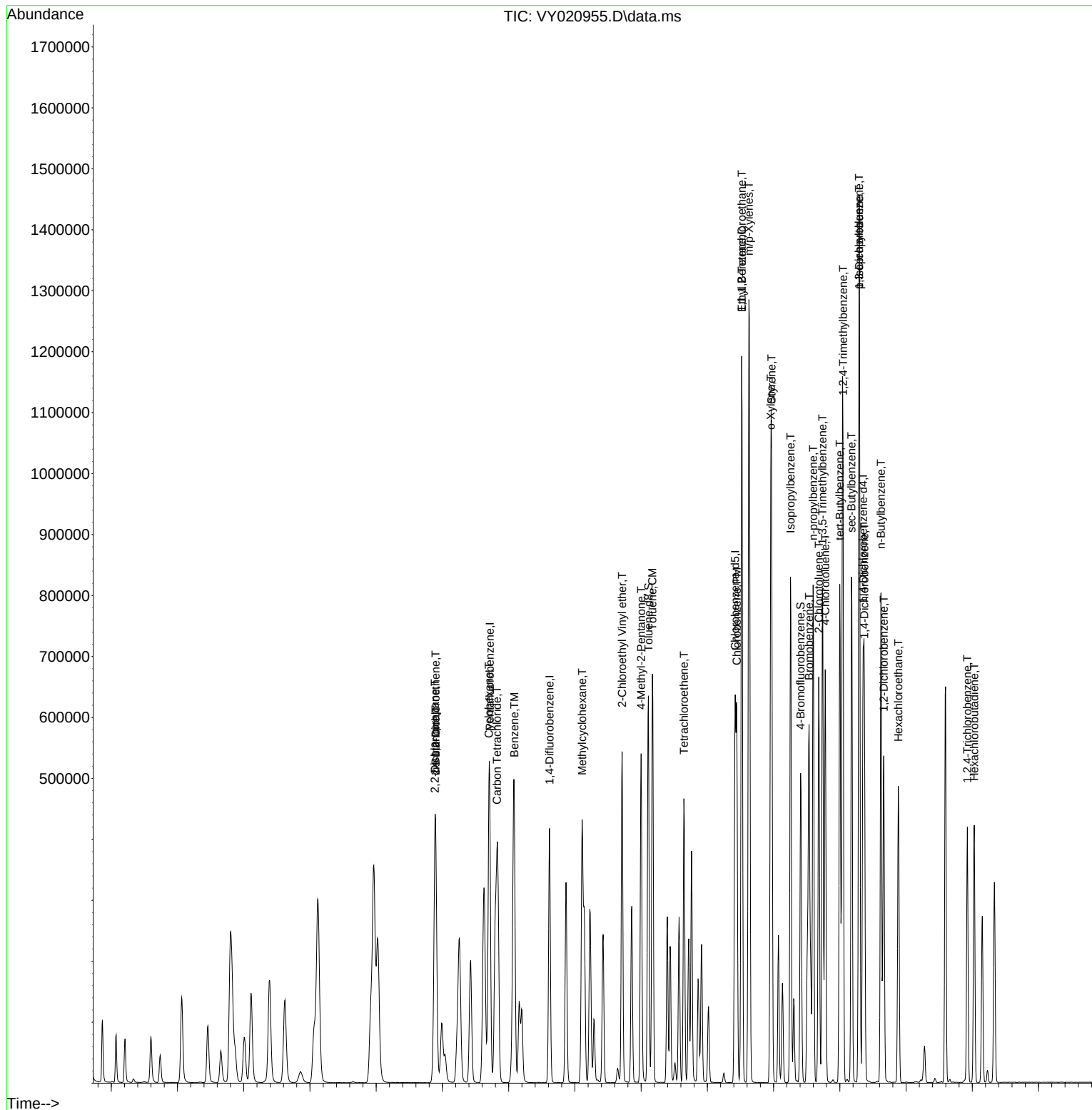
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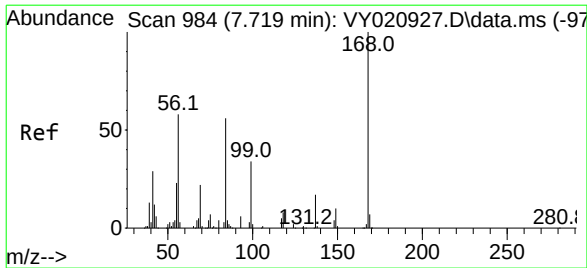
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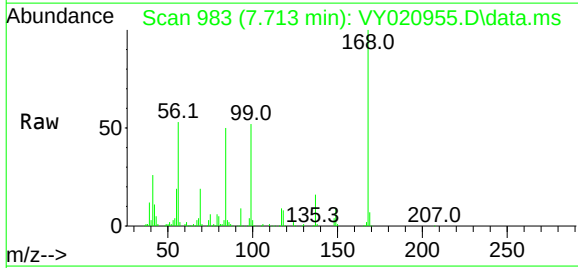
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
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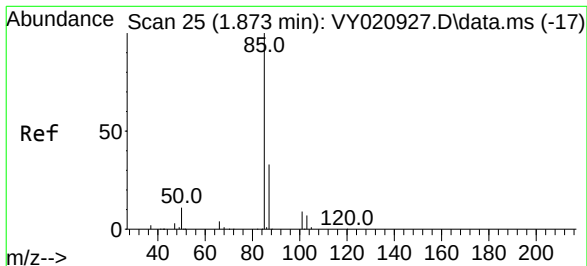
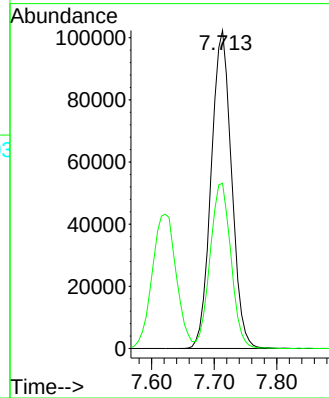
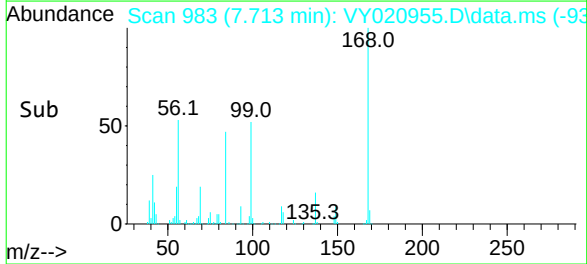
Instrument :
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Tgt Ion: 168 Resp: 231198
Ion Ratio Lower Upper
168 100
99 52.0 43.0 64.6

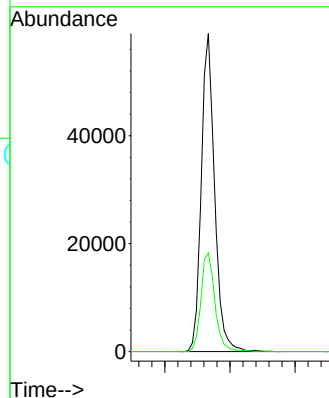
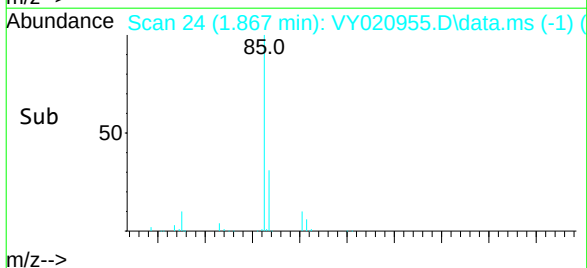
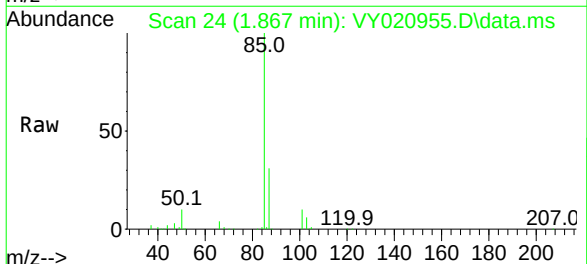
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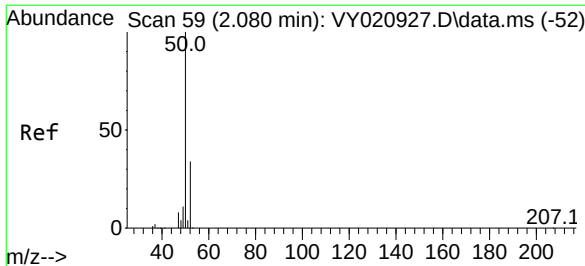
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#2
Dichlorodifluoromethane
Concen: 47.853 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

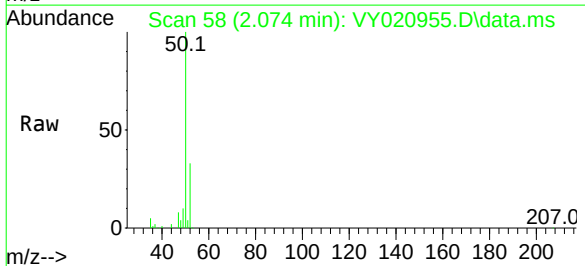
Tgt Ion: 85 Resp: 83679
Ion Ratio Lower Upper
85 100
87 31.1 16.6 49.8





#3
Chloromethane
Concen: 52.782 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

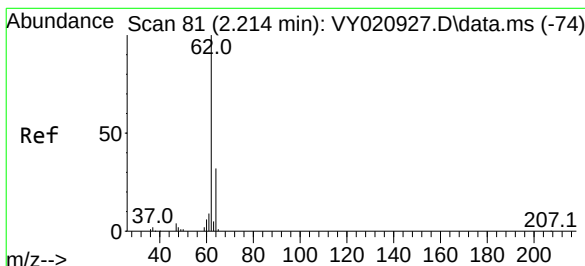
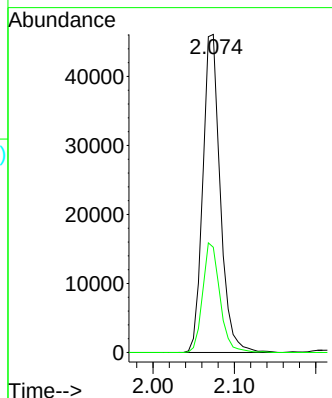
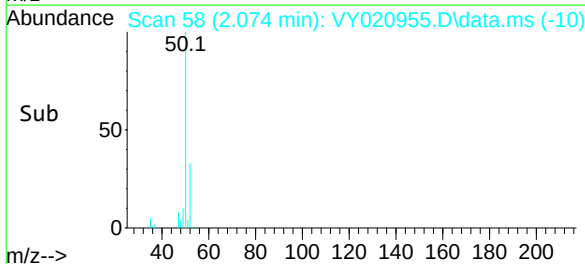
Instrument :
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Tgt Ion: 50 Resp: 68648
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.0

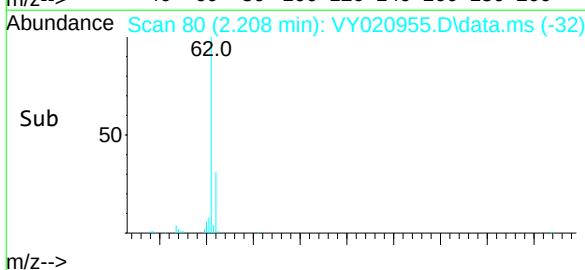
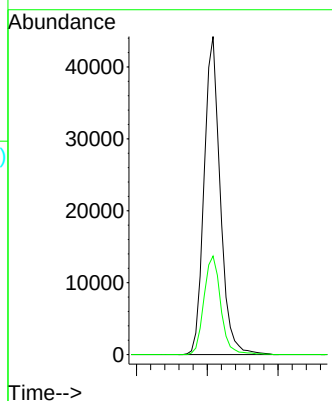
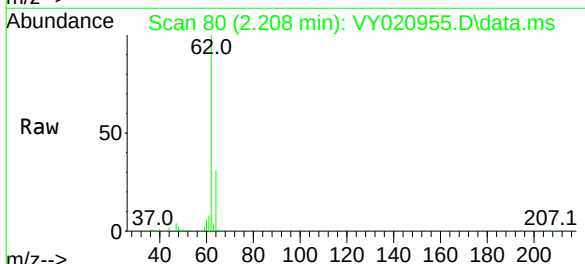
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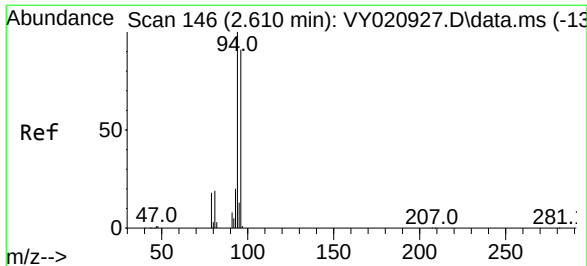
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#4
Vinyl Chloride
Concen: 49.391 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

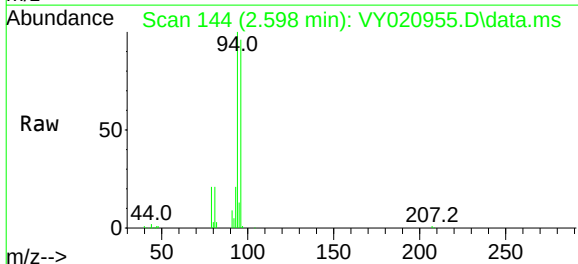
Tgt Ion: 62 Resp: 70012
Ion Ratio Lower Upper
62 100
64 31.0 25.7 38.5





#5
Bromomethane
Concen: 52.055 ug/l
RT: 2.598 min Scan# 146
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

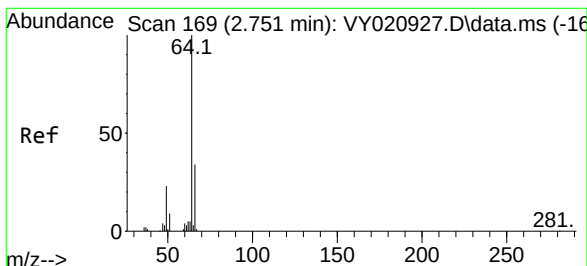
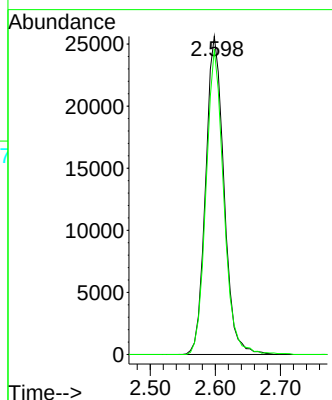
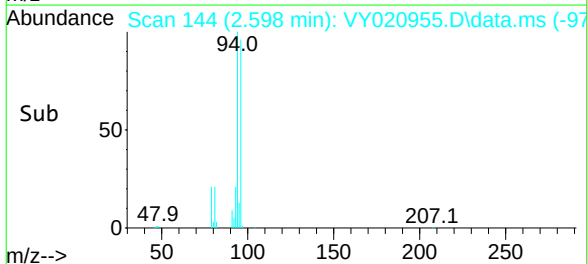
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Tgt Ion: 94 Resp: 49977
Ion Ratio Lower Upper
94 100
96 96.0 72.6 109.0

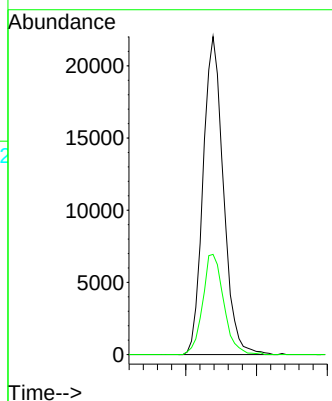
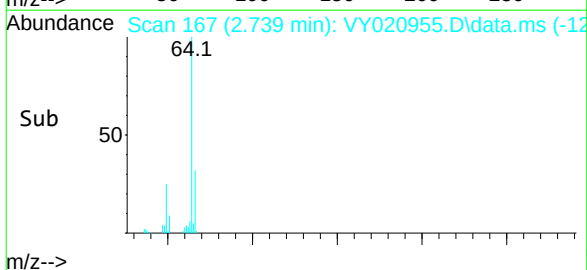
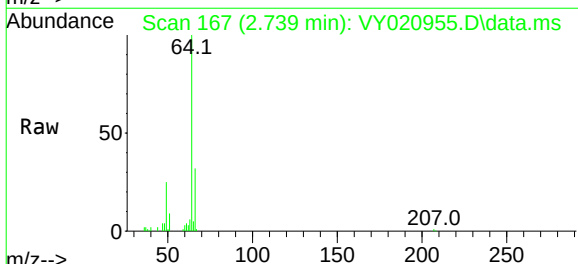
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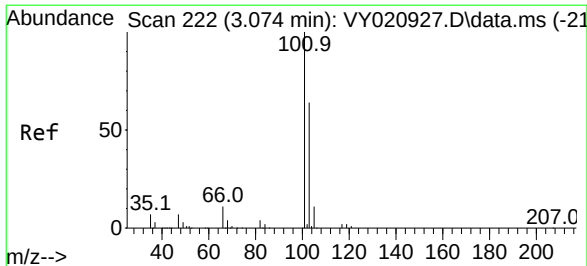
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#6
Chloroethane
Concen: 52.831 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

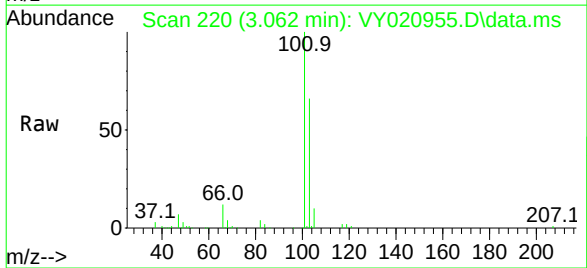
Tgt Ion: 64 Resp: 43936
Ion Ratio Lower Upper
64 100
66 31.5 26.9 40.3





#7
 Trichlorofluoromethane
 Concen: 48.446 ug/l
 RT: 3.062 min Scan# 222
 Delta R.T. -0.012 min
 Lab File: VY020955.D
 Acq: 27 Jan 2025 17:57

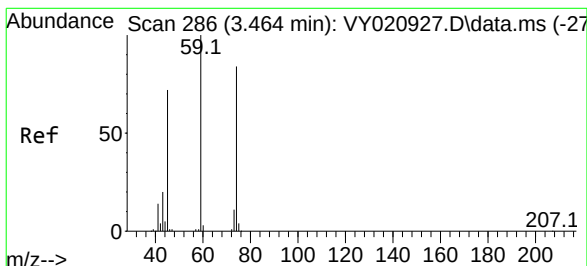
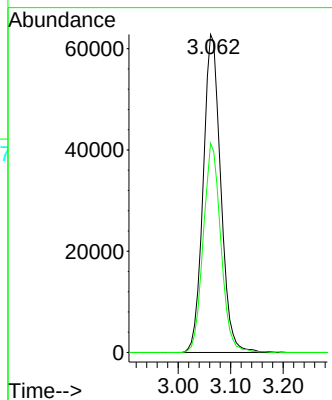
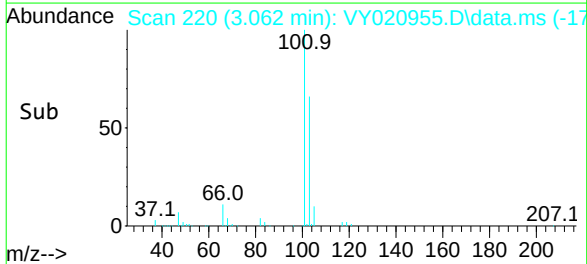
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Tgt Ion: 101 Resp: 145906
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.0 76.4

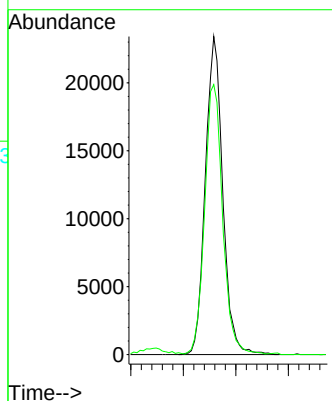
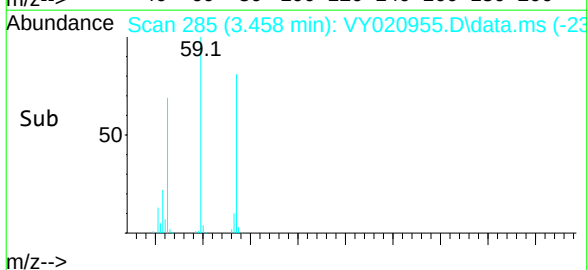
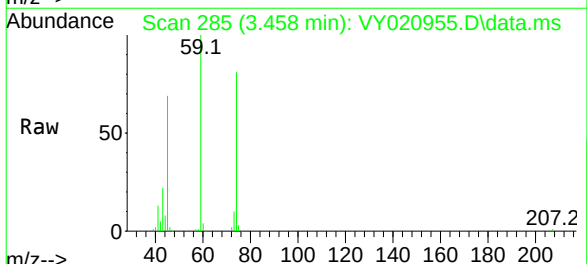
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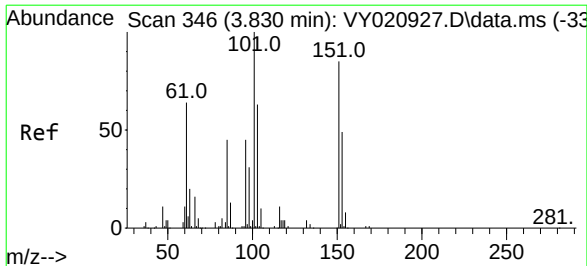
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#8
 Diethyl Ether
 Concen: 58.268 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY020955.D
 Acq: 27 Jan 2025 17:57

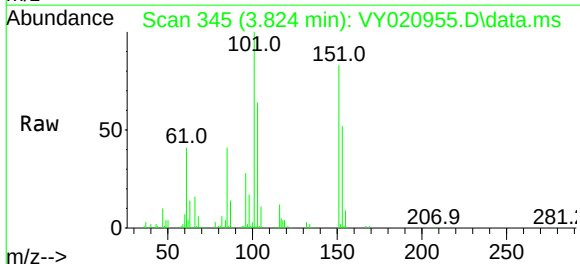
Tgt Ion: 74 Resp: 53935
 Ion Ratio Lower Upper
 74 100
 45 87.5 45.1 135.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.787 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

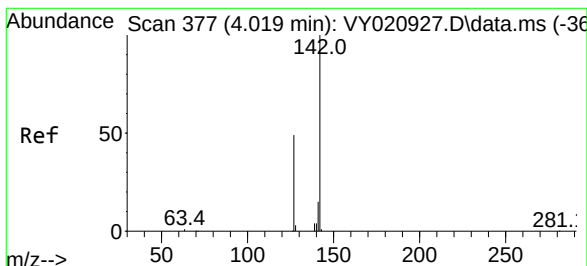
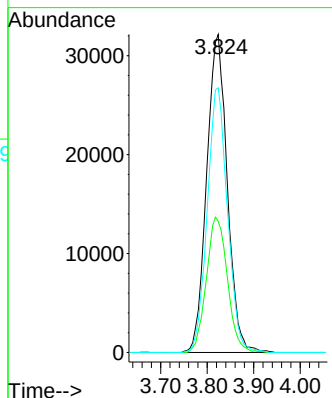
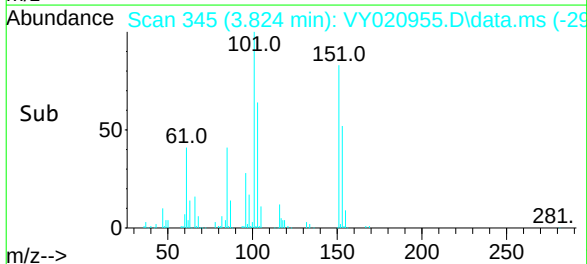
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	101	Resp:	98938
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.4	53.2
151	82.0	66.3	99.5

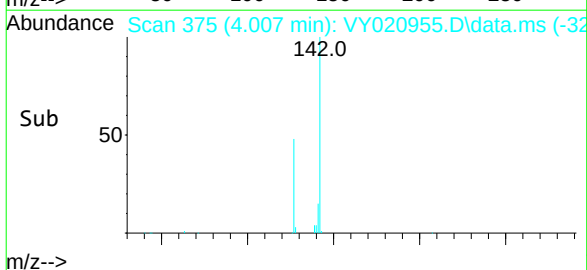
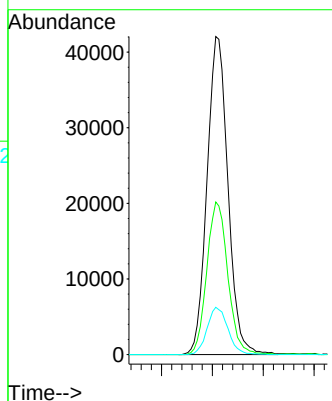
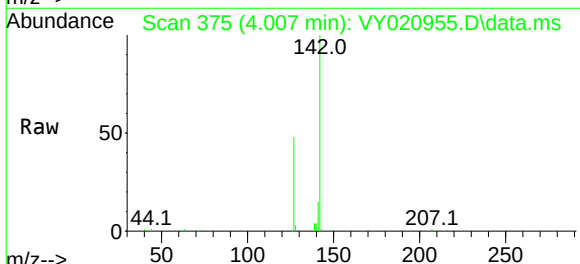
Manual Integrations
APPROVED

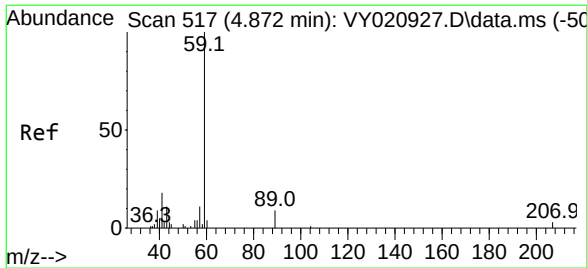
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#10
Methyl Iodide
Concen: 50.803 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Tgt Ion:	142	Resp:	120315
Ion Ratio	Lower	Upper	
142	100		
127	48.2	37.3	55.9
141	14.8	11.4	17.2





#11

Tert butyl alcohol

Concen: 267.715 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 38096

Ion Ratio Lower Upper

59 100

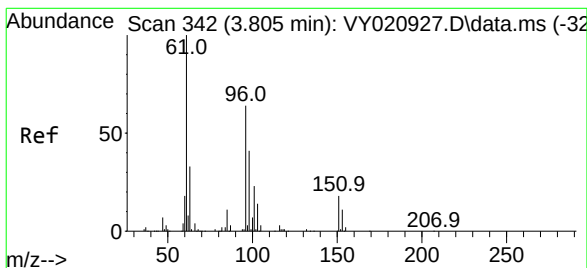
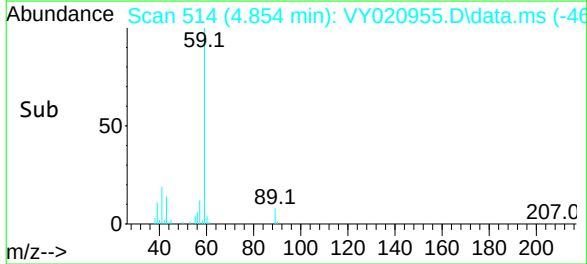
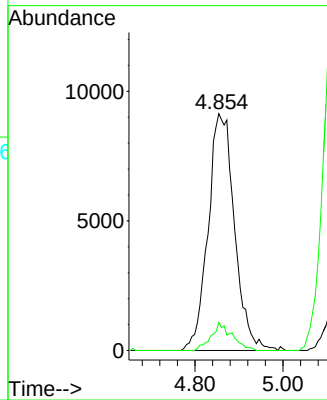
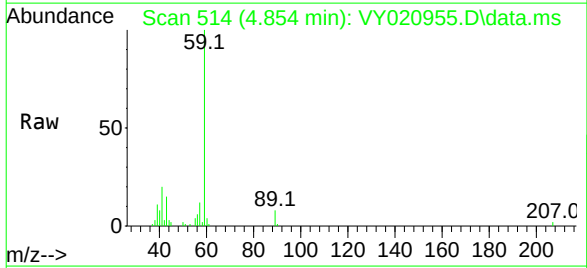
57 9.3 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025

Supervised By :Semsettin Yesilyurt 01/28/2025



#12

1,1-Dichloroethene

Concen: 50.622 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.012 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

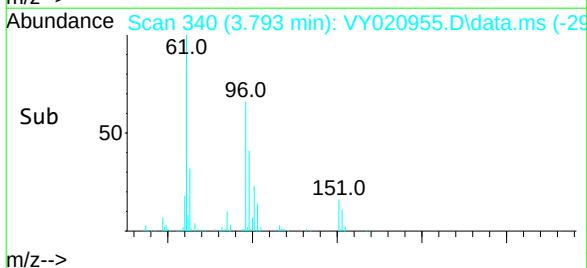
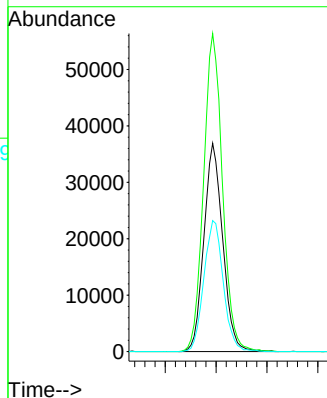
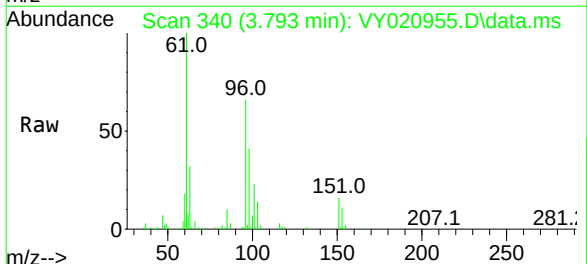
Tgt Ion: 96 Resp: 95003

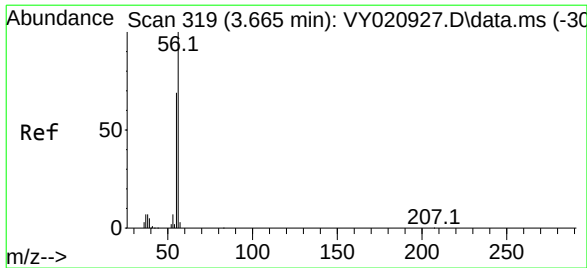
Ion Ratio Lower Upper

96 100

61 152.6 124.5 186.7

98 62.9 50.5 75.7





#13

Acrolein

Concen: 321.215 ug/l

RT: 3.653 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 61966

Ion Ratio Lower Upper

56 100

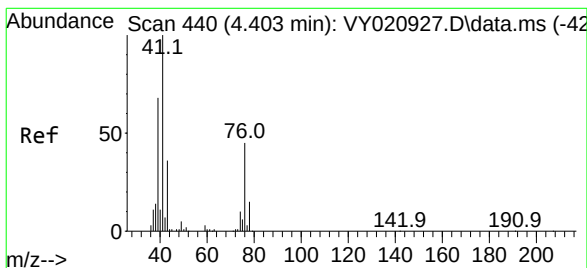
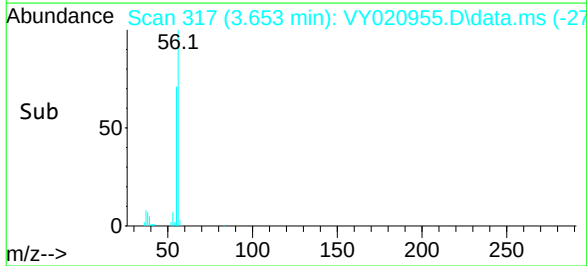
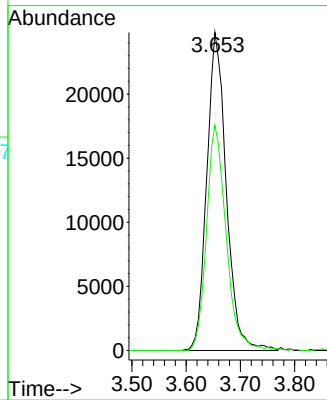
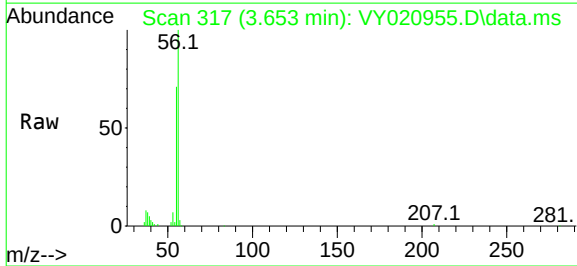
55 71.4 54.6 81.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025

Supervised By :Semsettin Yesilyurt 01/28/2025



#14

Allyl chloride

Concen: 54.963 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.012 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

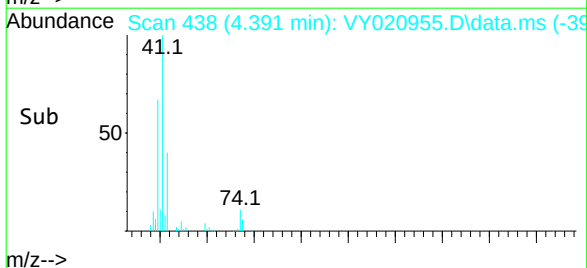
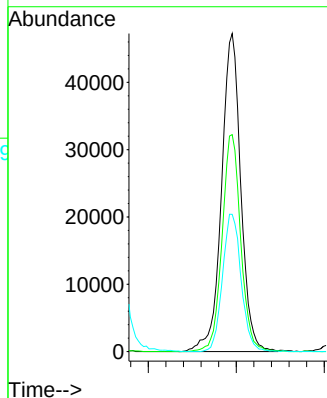
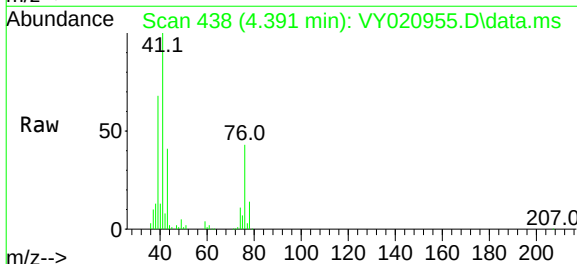
Tgt Ion: 41 Resp: 143967

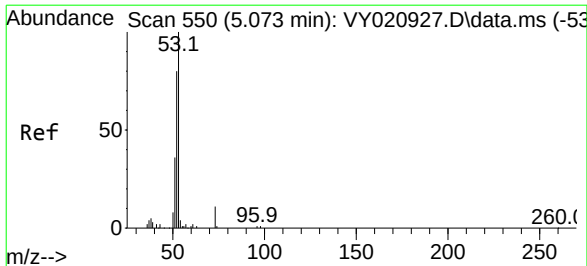
Ion Ratio Lower Upper

41 100

39 65.9 53.8 80.6

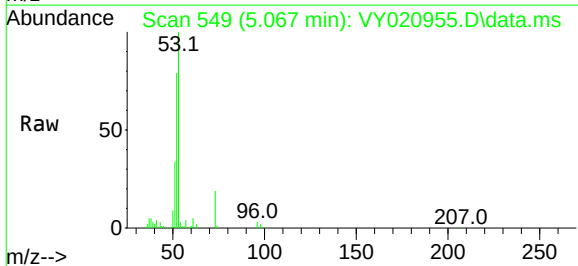
76 41.8 34.2 51.4





#15
Acrylonitrile
Concen: 321.042 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

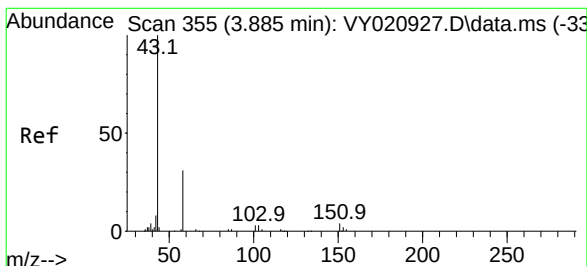
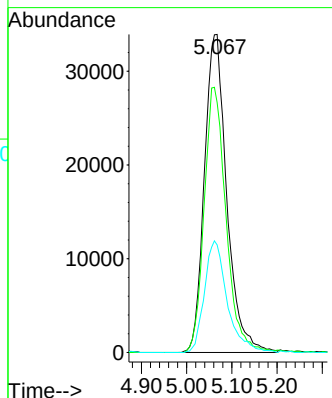
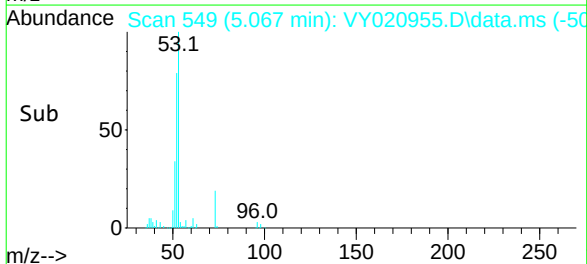
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 116812
Ion Ratio Lower Upper
53 100
52 81.5 64.5 96.7
51 35.8 28.9 43.3

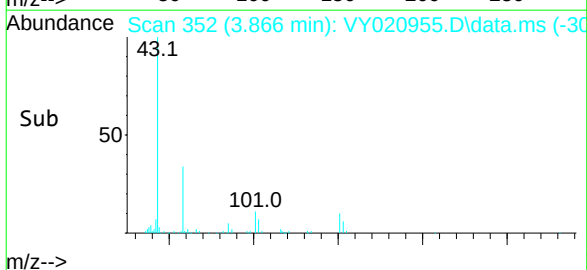
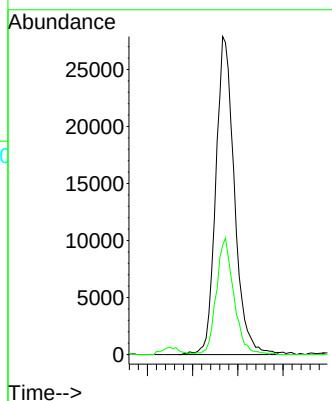
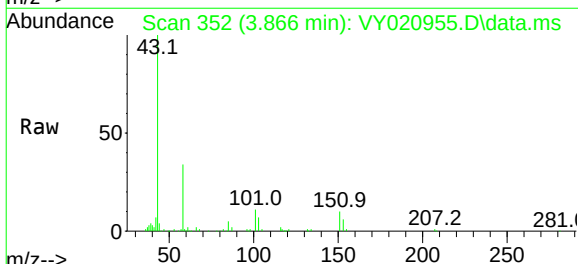
Manual Integrations
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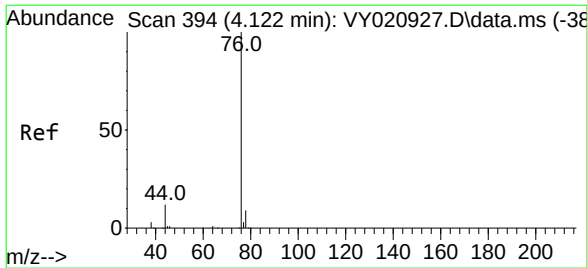
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#16
Acetone
Concen: 319.520 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.018 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

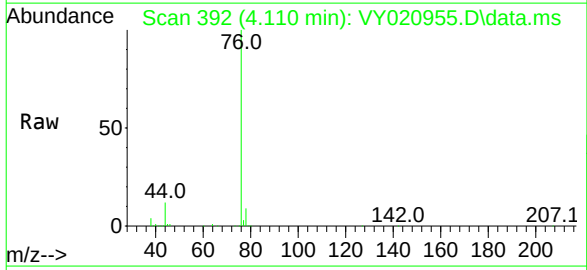
Tgt Ion: 43 Resp: 79801
Ion Ratio Lower Upper
43 100
58 34.3 25.6 38.4





#17
Carbon Disulfide
Concen: 52.152 ug/l
RT: 4.110 min Scan# 39
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

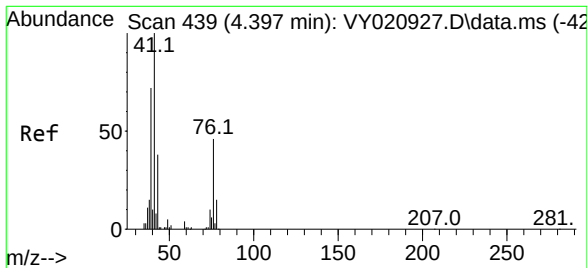
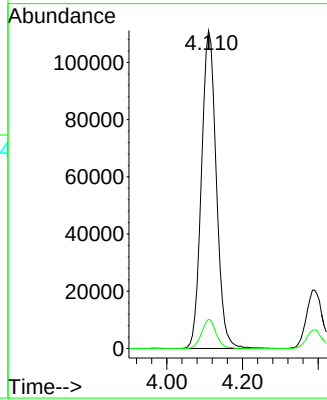
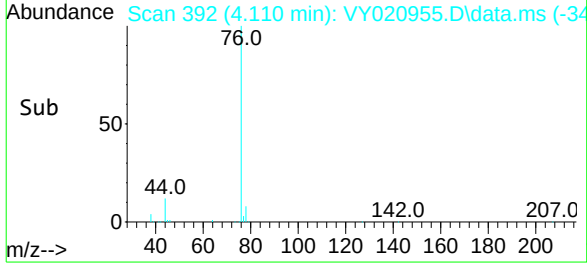
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 302262
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

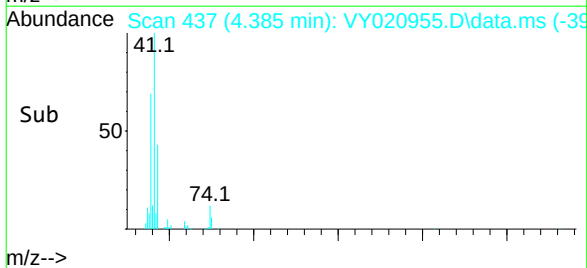
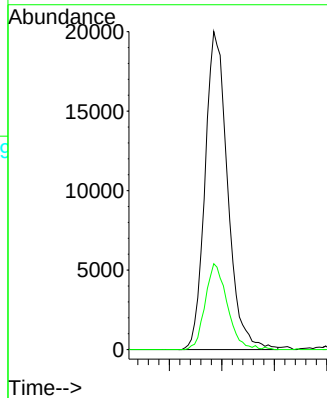
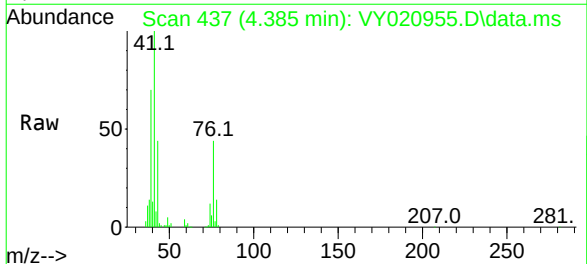
Manual Integrations
APPROVED

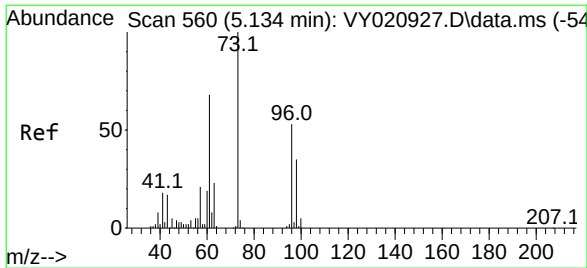
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#18
Methyl Acetate
Concen: 66.284 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

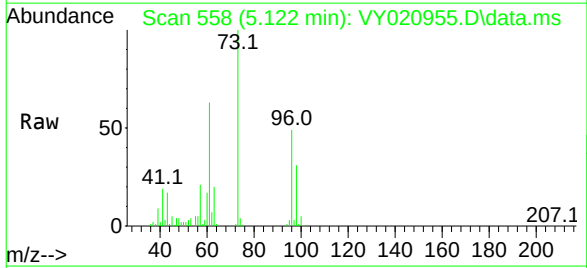
Tgt Ion: 43 Resp: 59803
Ion Ratio Lower Upper
43 100
74 26.4 21.0 31.6





#19
Methyl tert-butyl Ether
Concen: 60.404 ug/l
RT: 5.122 min Scan# 55
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

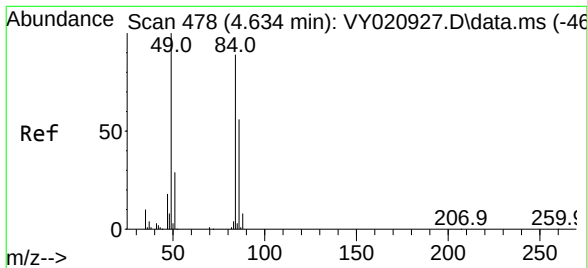
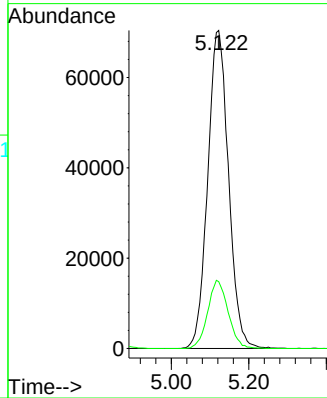
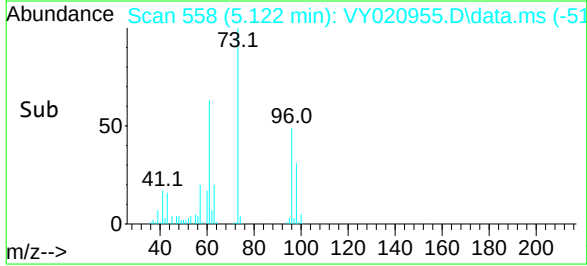
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



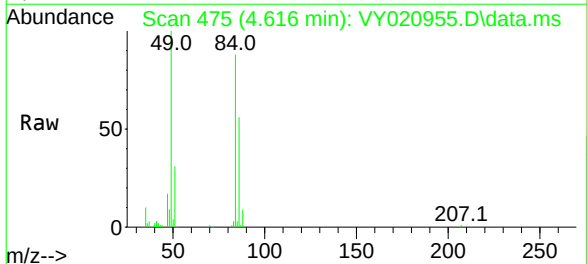
Tgt Ion: 73 Resp: 262560
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6

Manual Integrations
APPROVED

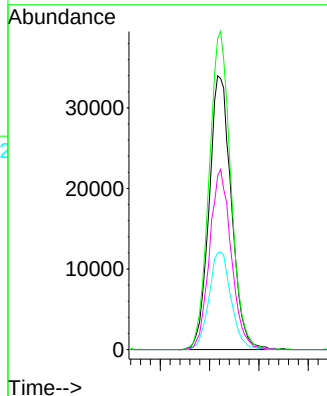
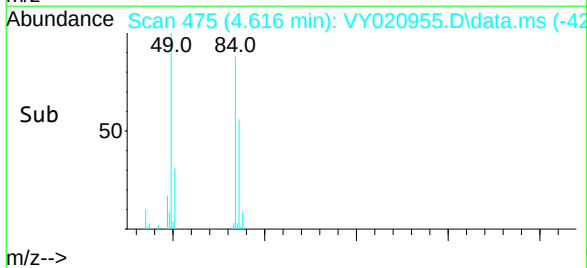
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025

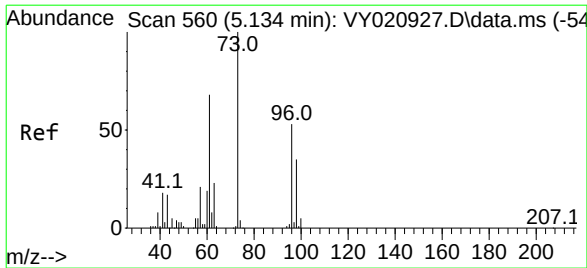


#20
Methylene Chloride
Concen: 57.250 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57



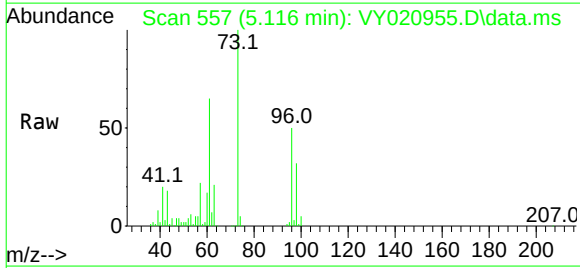
Tgt Ion: 84 Resp: 106339
Ion Ratio Lower Upper
84 100
49 113.7 90.3 135.5
51 35.3 26.6 39.8
86 63.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 53.818 ug/l
RT: 5.116 min Scan# 55
Delta R.T. -0.018 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

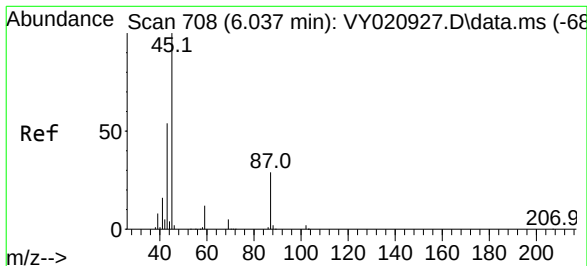
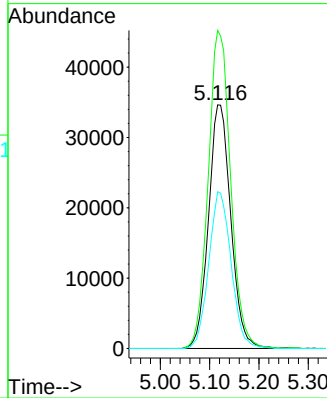
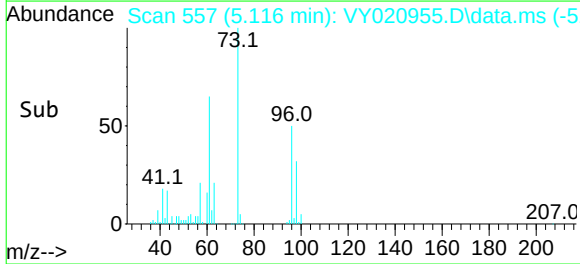
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



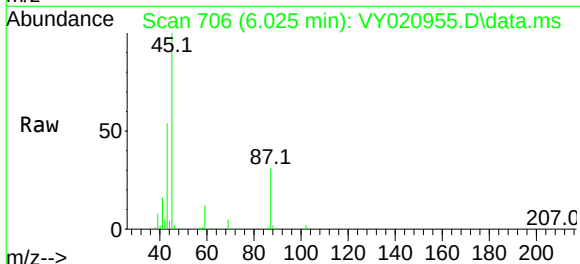
Tgt Ion: 96 Resp: 108897
Ion Ratio Lower Upper
96 100
61 130.6 102.4 153.6
98 64.3 52.0 78.0

Manual Integrations
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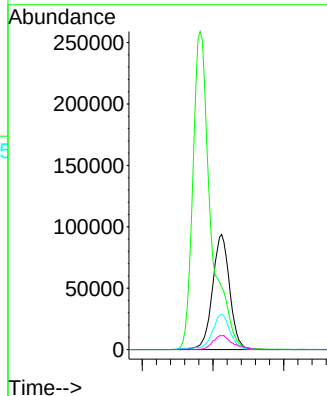
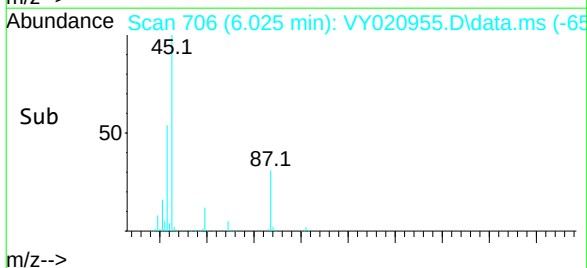
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025

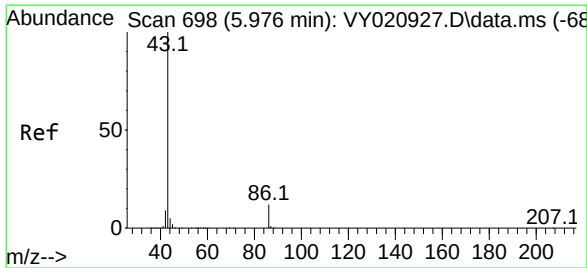


#22
Diisopropyl ether
Concen: 59.868 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57



Tgt Ion: 45 Resp: 315431
Ion Ratio Lower Upper
45 100
43 53.9 43.2 64.8
87 30.7 23.4 35.0
59 12.0 9.6 14.4





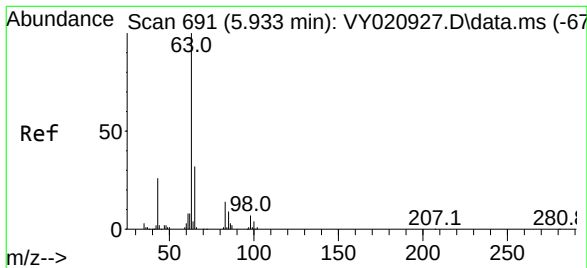
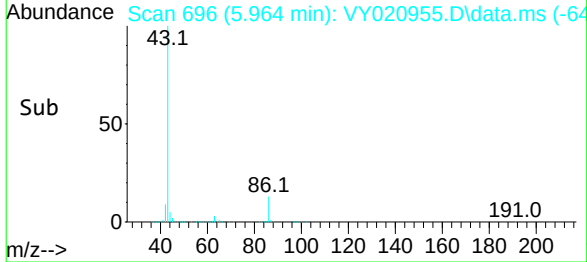
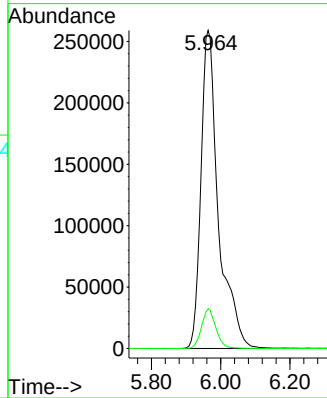
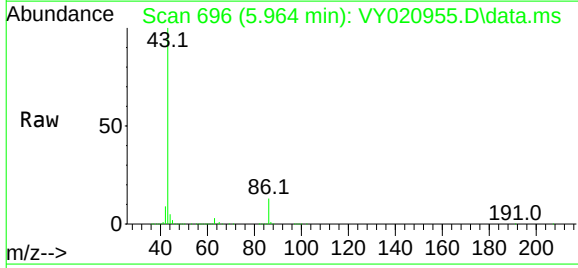
#23
 Vinyl Acetate
 Concen: 311.184 ug/l
 RT: 5.964 min Scan# 69
 Delta R.T. -0.012 min
 Lab File: VY020955.D
 Acq: 27 Jan 2025 17:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 907403
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.6

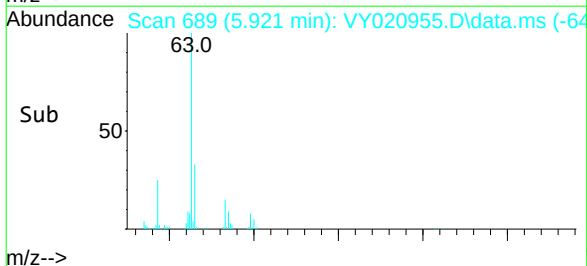
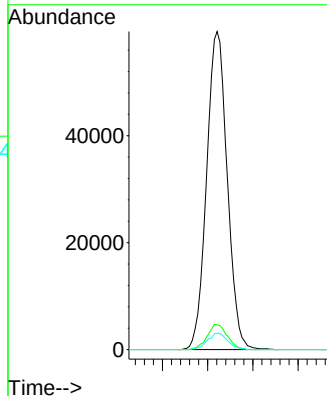
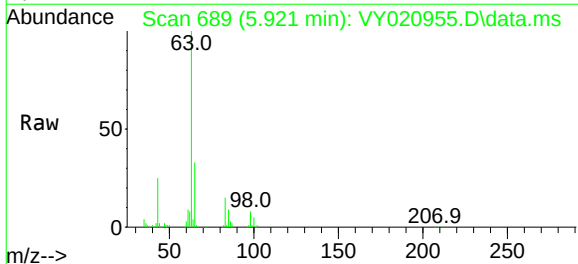
Manual Integrations
 APPROVED

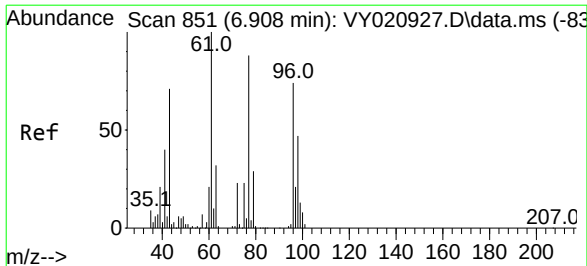
Reviewed By :Mahesh Dadoda 01/28/2025
 Supervised By :Semsettin Yesilyurt 01/28/2025



#24
 1,1-Dichloroethane
 Concen: 56.390 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY020955.D
 Acq: 27 Jan 2025 17:57

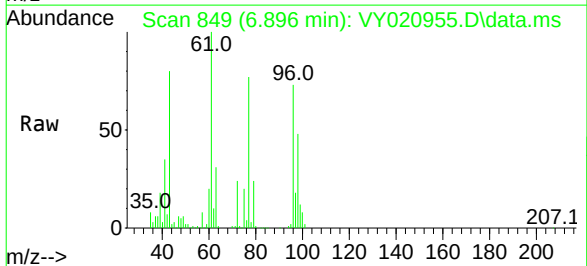
Tgt Ion: 63 Resp: 188333
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.7 11.1
 100 5.2 2.3 6.8





#25
2-Butanone
Concen: 332.268 ug/l
RT: 6.896 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

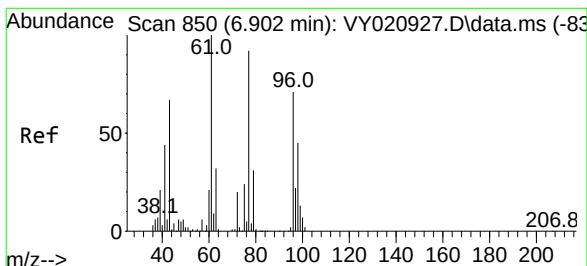
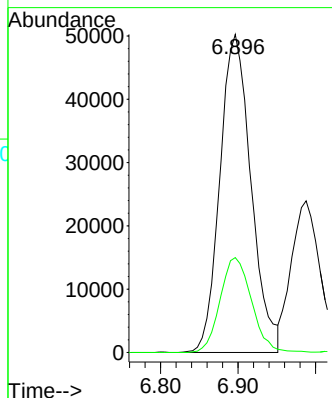
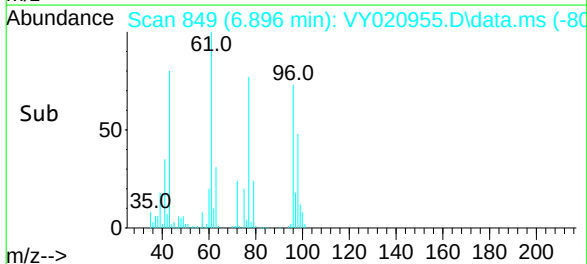
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 140571
Ion Ratio Lower Upper
43 100
72 29.8 25.8 38.8

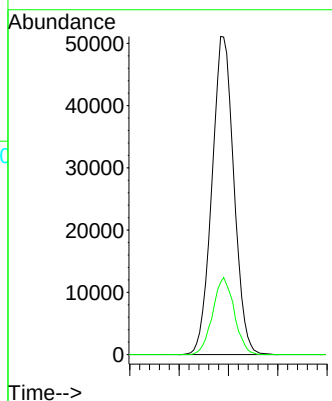
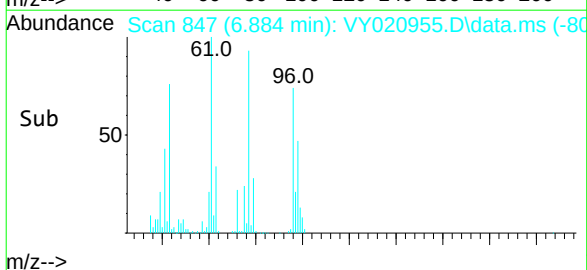
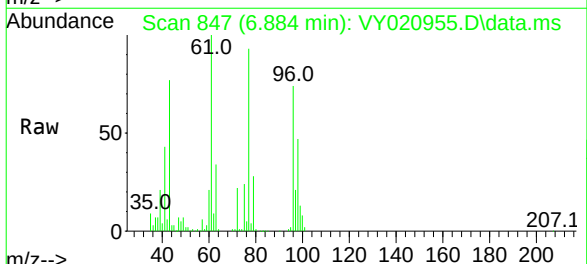
Manual Integrations
APPROVED

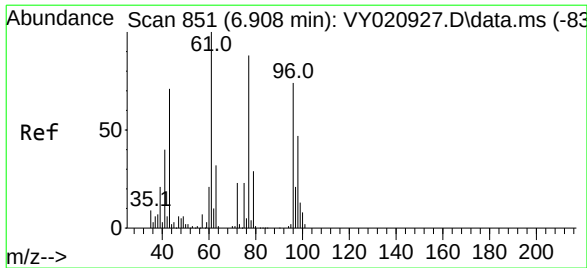
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#26
2,2-Dichloropropane
Concen: 48.052 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

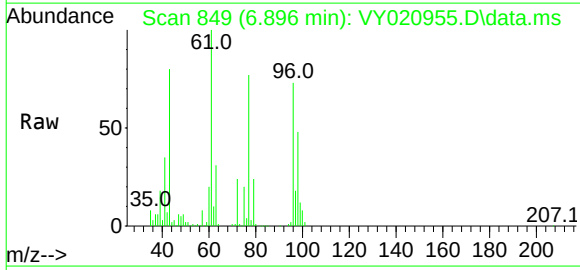
Tgt Ion: 77 Resp: 158075
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 56.595 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

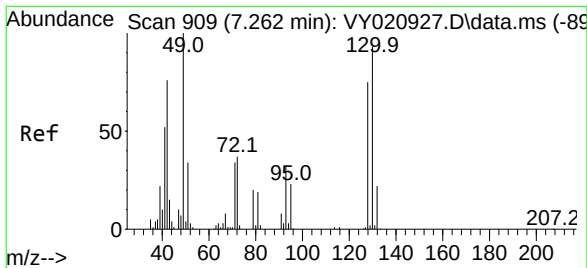
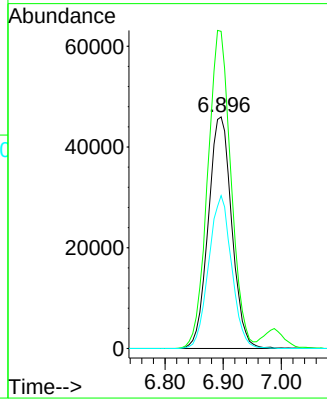
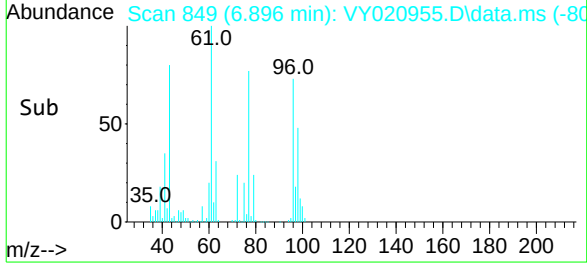
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 129240
Ion Ratio Lower Upper
96 100
61 135.9 0.0 275.2
98 64.3 0.0 129.6

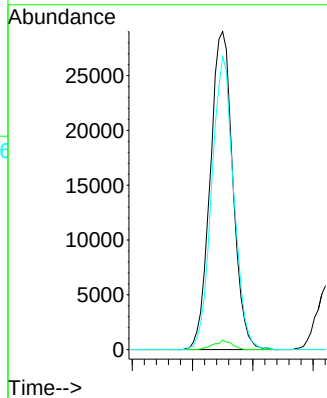
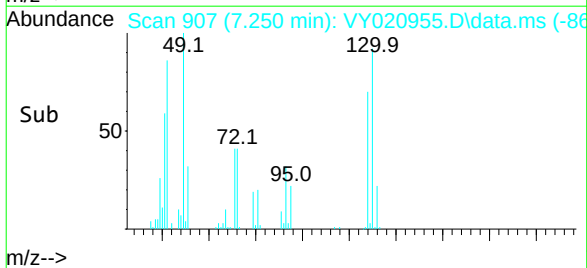
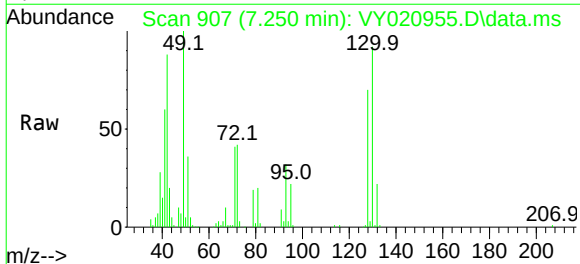
Manual Integrations
APPROVED

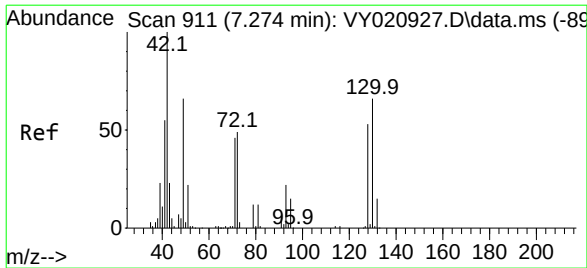
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#28
Bromochloromethane
Concen: 56.353 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Tgt Ion: 49 Resp: 75748
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 89.7 72.6 109.0





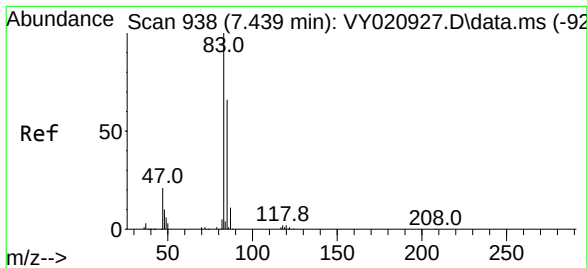
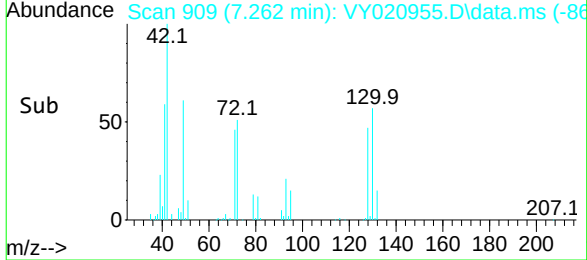
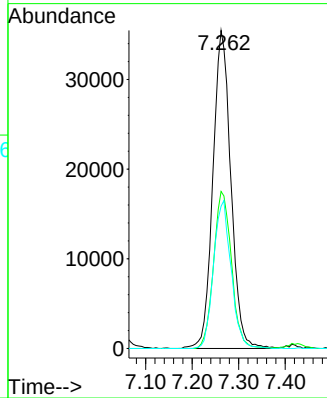
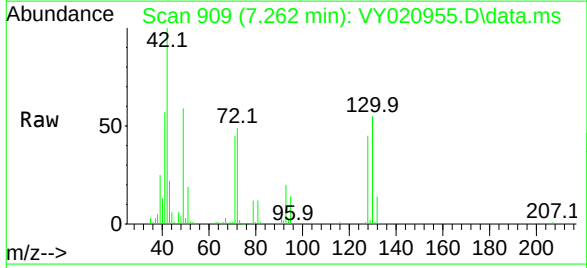
#29
Tetrahydrofuran
Concen: 338.025 ug/l
RT: 7.262 min Scan# 908
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.1	38.8	58.2
71	45.5	36.4	54.6

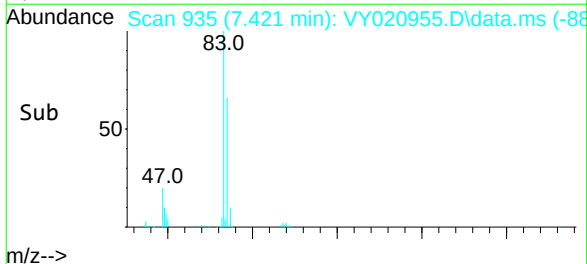
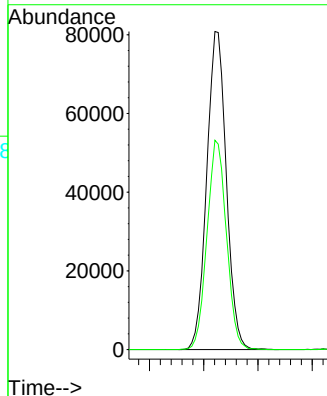
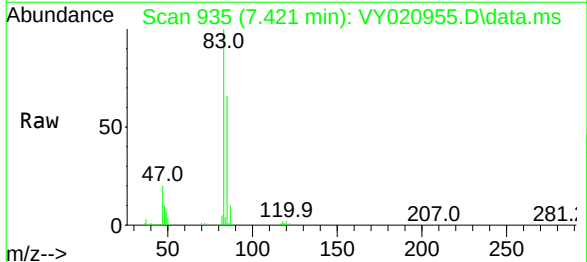
Manual Integrations
APPROVED

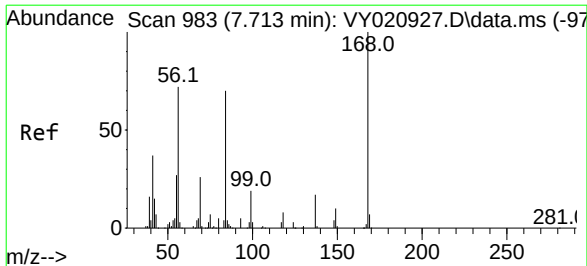
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#30
Chloroform
Concen: 57.340 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.018 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

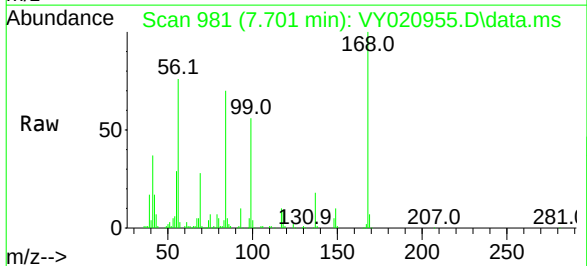
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	53.0	79.4





#31
Cyclohexane
Concen: 47.240 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

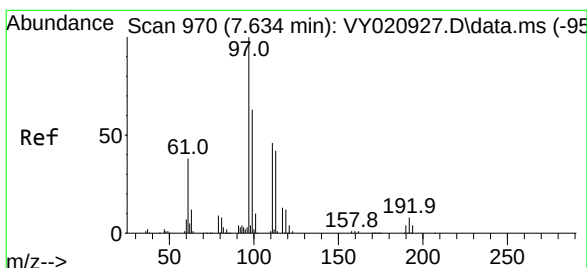
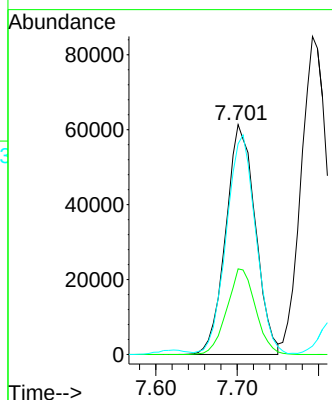
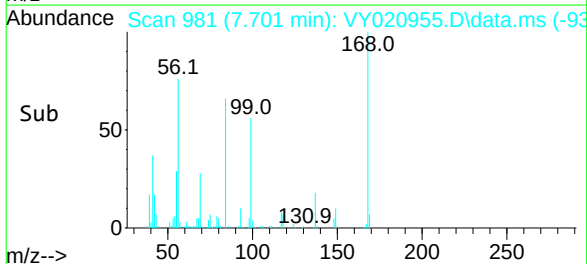
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
56	100		
69	37.3	28.7	43.1
84	89.8	77.4	116.0

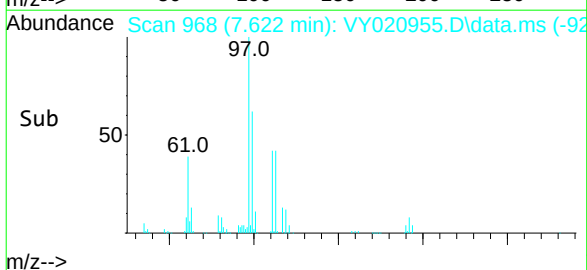
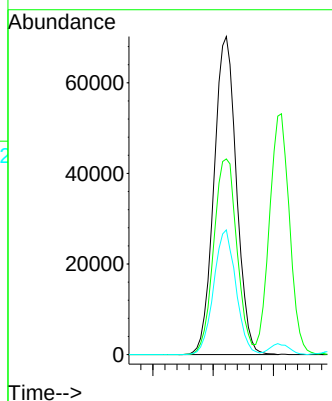
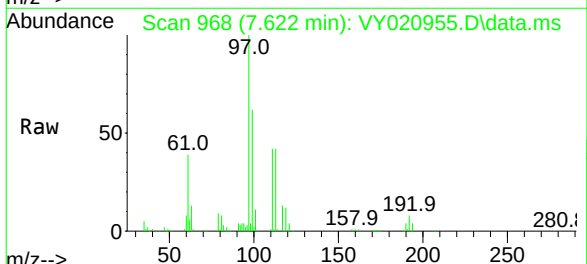
Manual Integrations
APPROVED

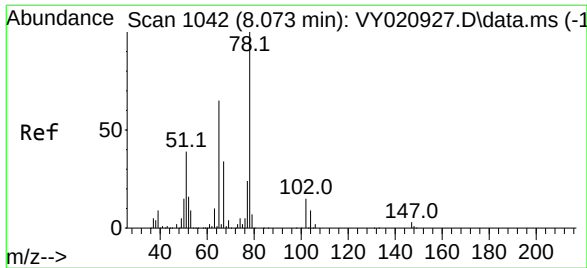
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#32
1,1,1-Trichloroethane
Concen: 53.034 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

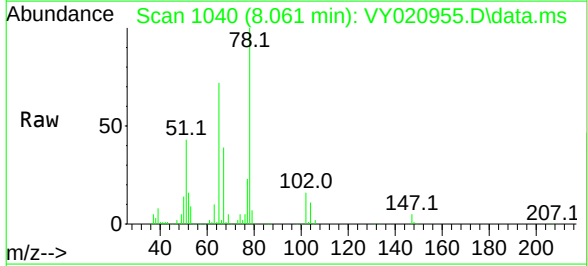
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.7	77.5
61	38.8	30.8	46.2





#33
1,2-Dichloroethane-d4
Concen: 60.178 ug/l
RT: 8.061 min Scan# 1042
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

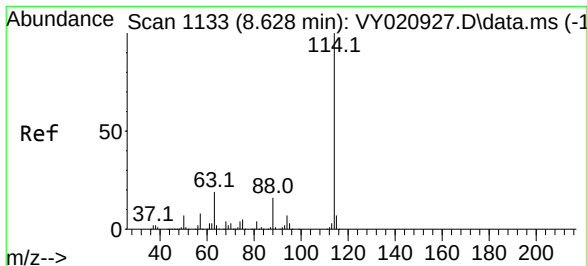
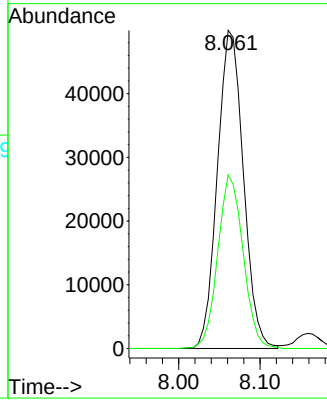
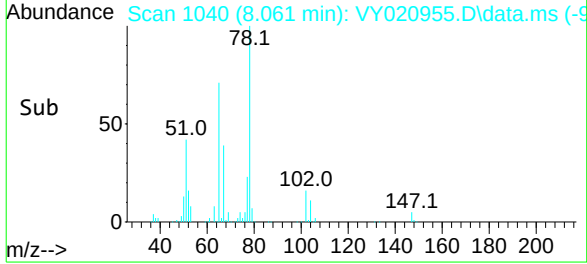
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



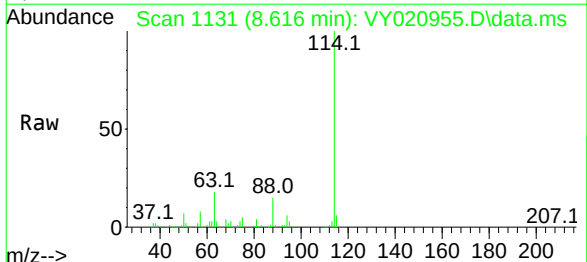
Tgt Ion: 65 Resp: 110930
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8

Manual Integrations
APPROVED

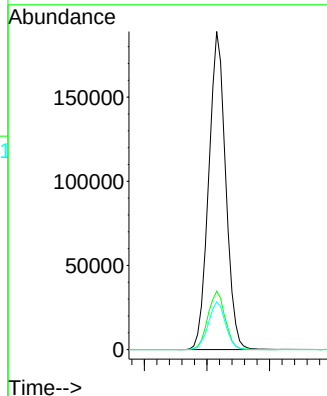
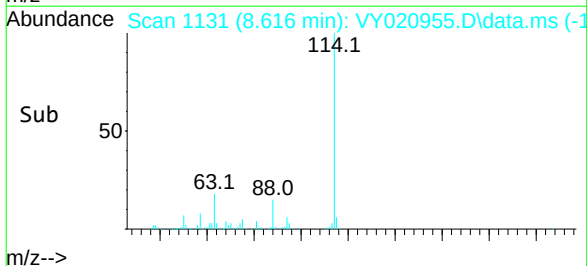
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025

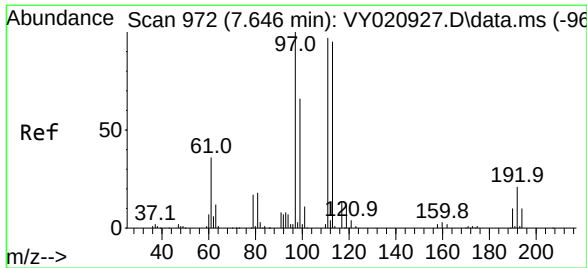


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57



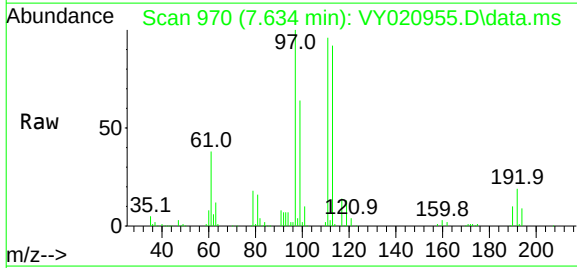
Tgt Ion:114 Resp: 355970
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.4
88 15.0 0.0 31.6





#35
Dibromofluoromethane
Concen: 54.714 ug/l
RT: 7.634 min Scan# 97
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

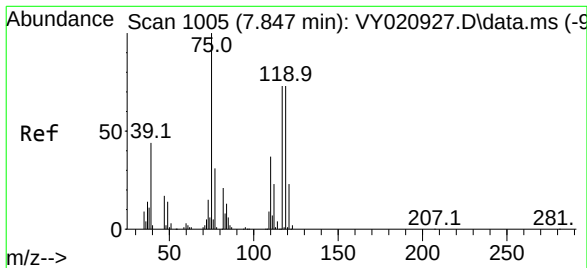
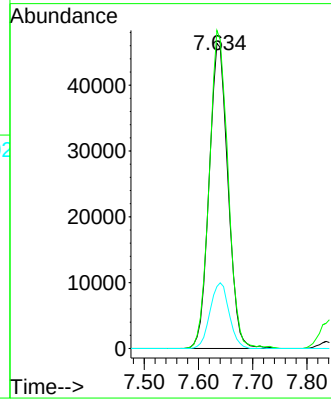
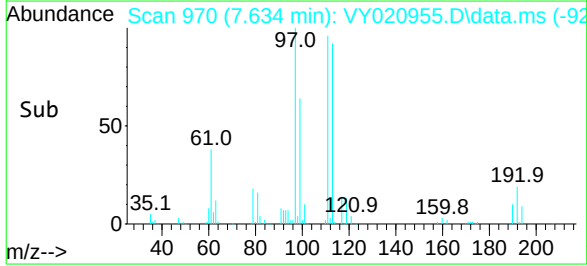
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



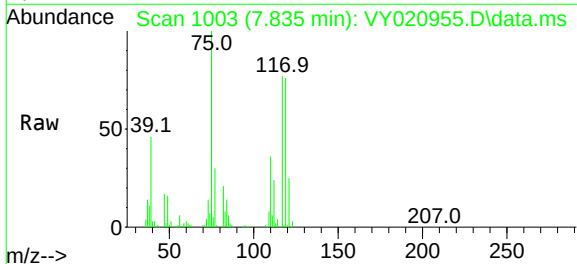
Tgt Ion: 113 Resp: 111812
Ion Ratio Lower Upper
113 100
111 103.8 82.3 123.5
192 21.7 17.4 26.2

Manual Integrations
APPROVED

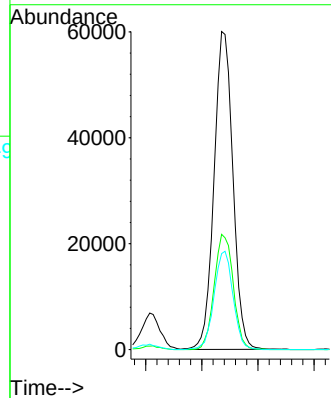
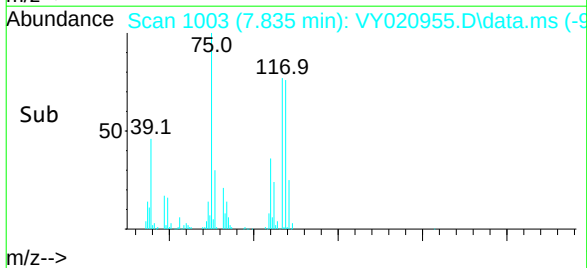
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025

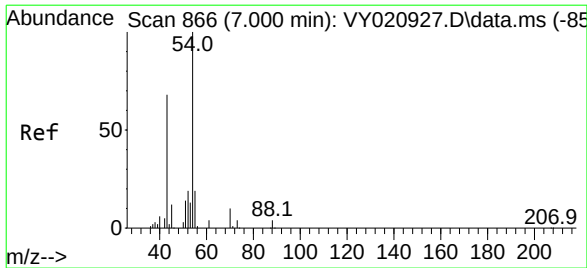


#36
1,1-Dichloropropene
Concen: 49.191 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57



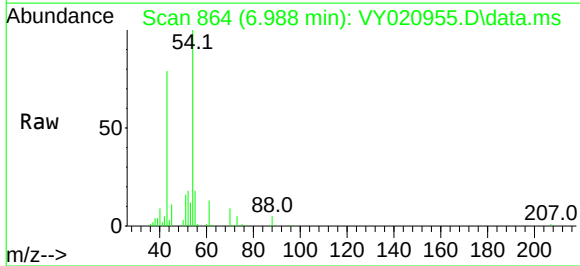
Tgt Ion: 75 Resp: 140350
Ion Ratio Lower Upper
75 100
110 36.6 18.5 55.5
77 31.1 25.0 37.4





#37
Ethyl Acetate
Concen: 57.949 ug/l
RT: 6.988 min Scan# 866
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

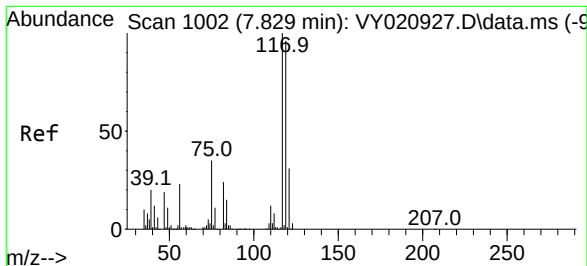
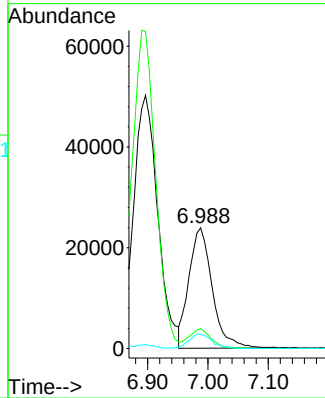
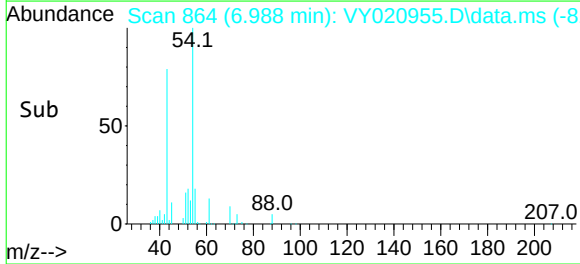
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 64148
Ion Ratio Lower Upper
43 100
61 15.9 12.1 18.1
70 11.7 9.5 14.3

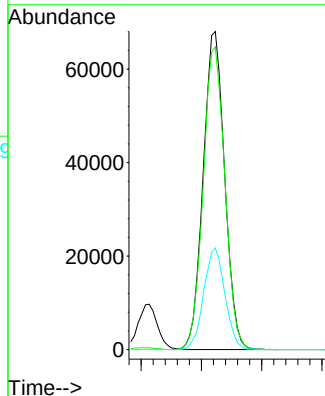
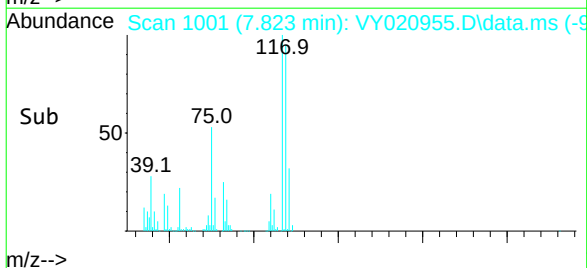
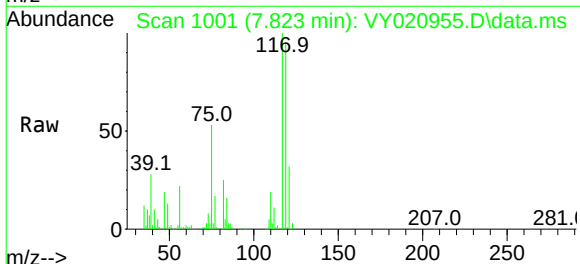
Manual Integrations
APPROVED

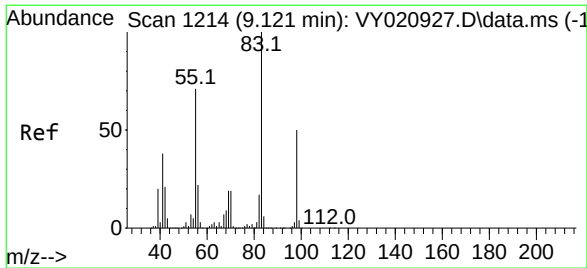
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#38
Carbon Tetrachloride
Concen: 48.961 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

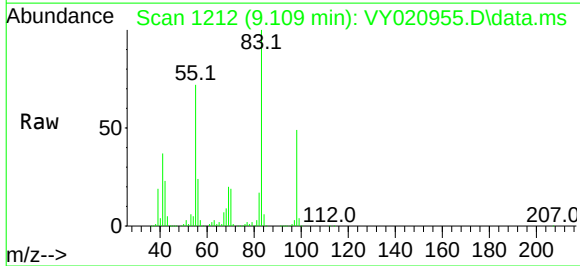
Tgt Ion:117 Resp: 168464
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7
121 32.0 25.0 37.4





#39
Methylcyclohexane
Concen: 47.074 ug/l
RT: 9.109 min Scan# 1214
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

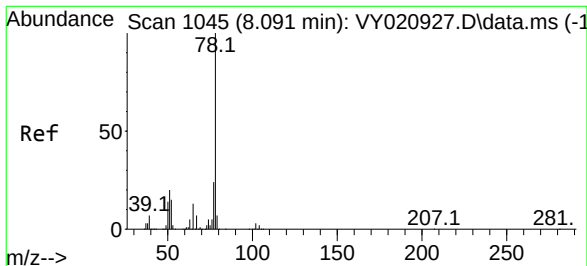
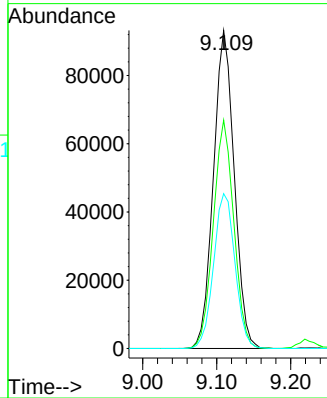
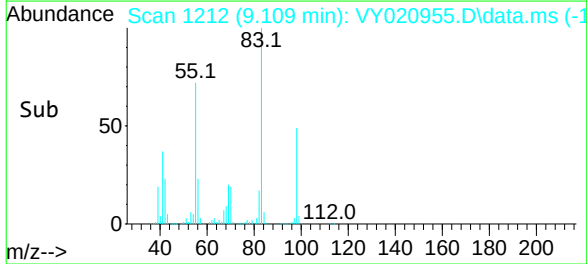
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 181832
Ion Ratio Lower Upper
83 100
55 71.8 57.0 85.4
98 48.7 40.1 60.1

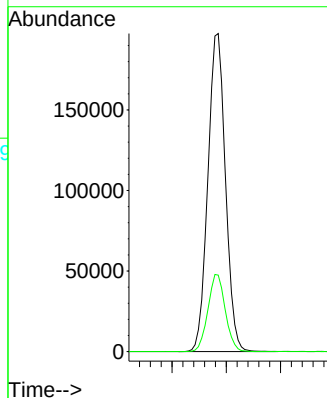
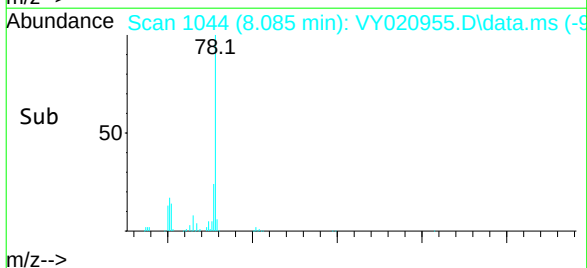
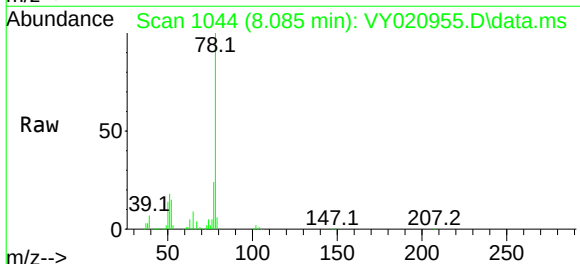
Manual Integrations
APPROVED

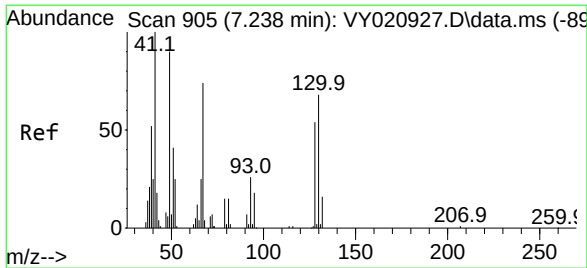
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#40
Benzene
Concen: 53.090 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Tgt Ion: 78 Resp: 444391
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





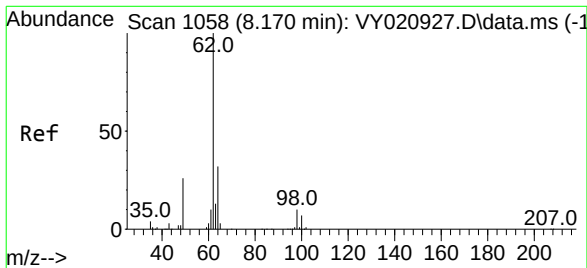
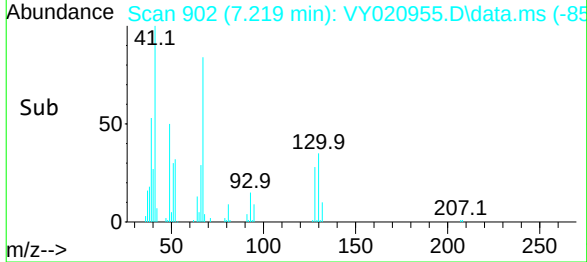
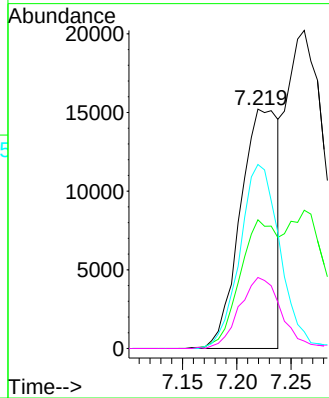
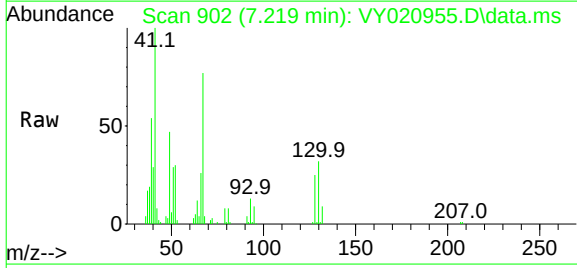
#41
Methacrylonitrile
Concen: 63.086 ug/l
RT: 7.219 min Scan# 90
Delta R.T. -0.018 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	36891
Ion	Ratio	Lower	Upper
41	100		
39	52.6	46.4	69.6
67	82.2	66.7	100.1
52	33.1	24.6	37.0

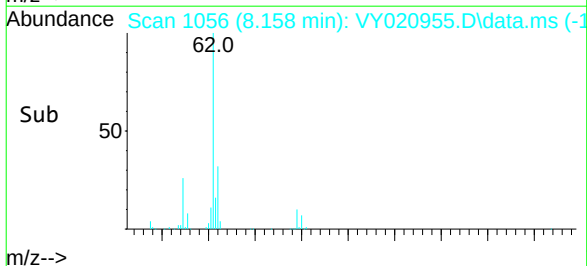
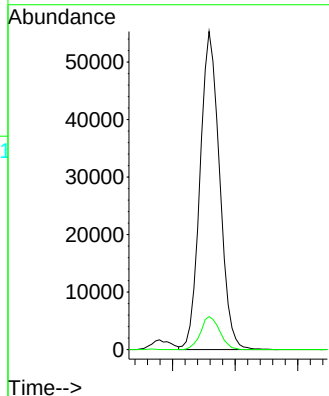
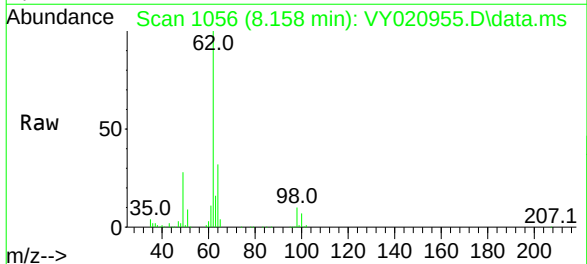
Manual Integrations
APPROVED

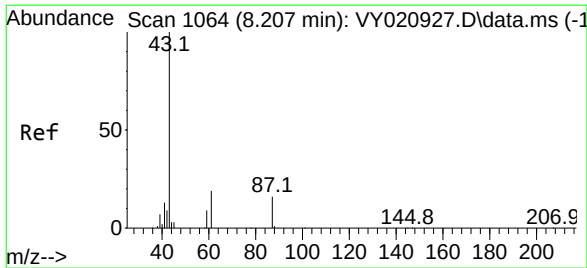
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#42
1,2-Dichloroethane
Concen: 57.571 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

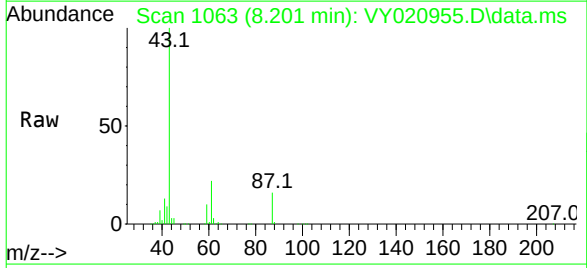
Tgt Ion:	62	Resp:	119908
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8





#43
Isopropyl Acetate
Concen: 61.111 ug/l
RT: 8.201 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

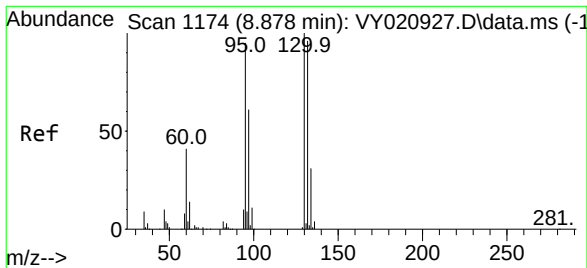
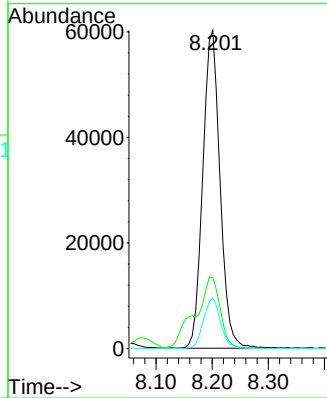
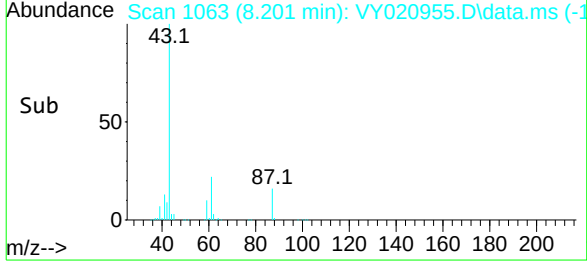
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 128282
Ion Ratio Lower Upper
43 100
61 32.7 26.0 39.0
87 15.7 12.4 18.6

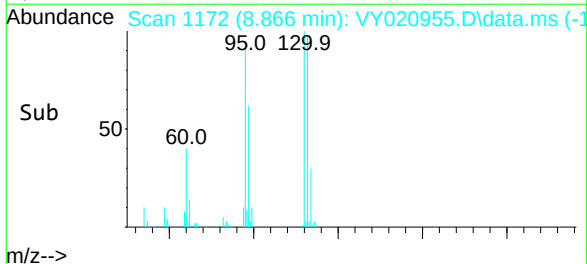
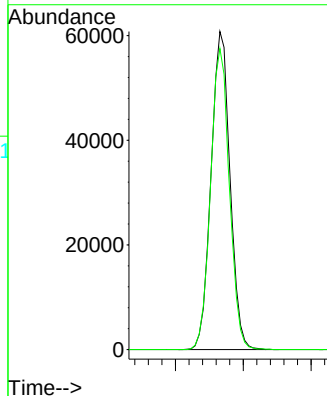
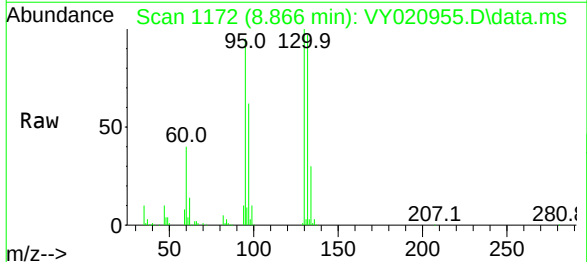
Manual Integrations
APPROVED

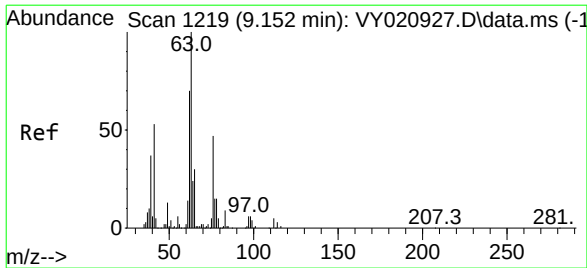
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#44
Trichloroethene
Concen: 51.877 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

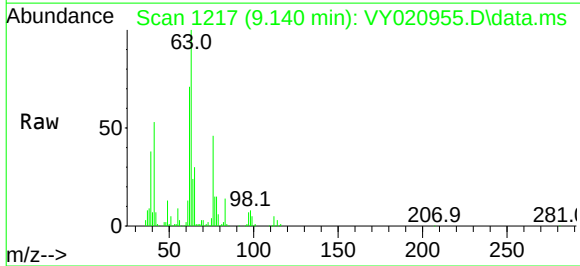
Tgt Ion:130 Resp: 117970
Ion Ratio Lower Upper
130 100
95 94.7 0.0 189.4





#45
1,2-Dichloropropane
Concen: 55.322 ug/l
RT: 9.140 min Scan# 1219
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

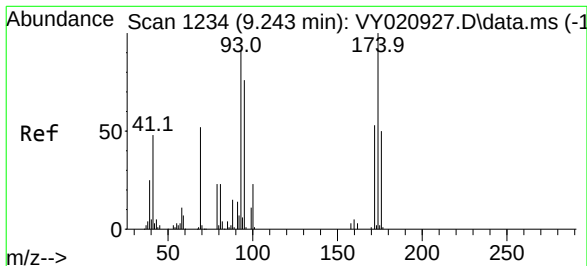
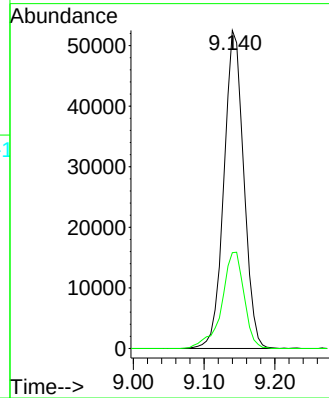
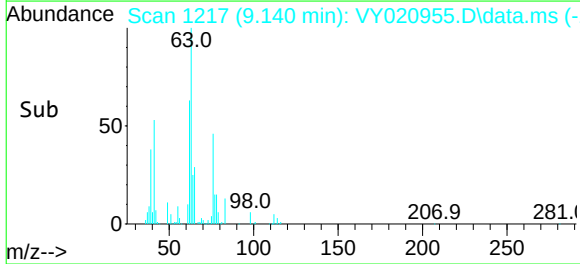
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 102219
Ion Ratio Lower Upper
63 100
65 30.1 23.9 35.9

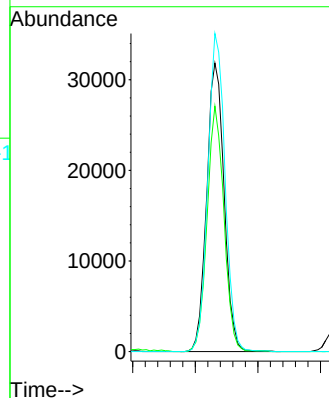
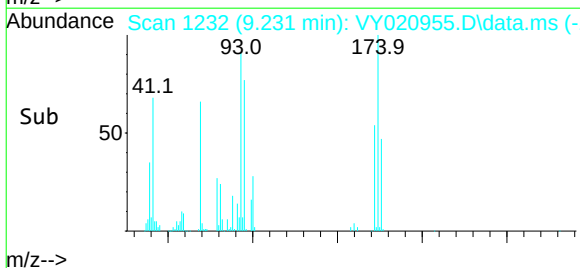
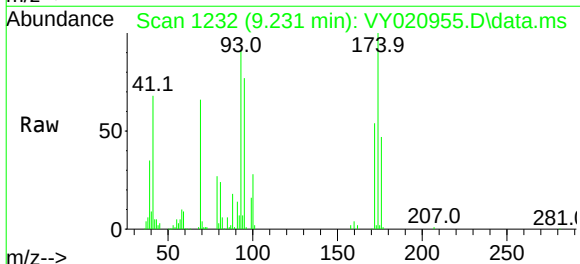
Manual Integrations
APPROVED

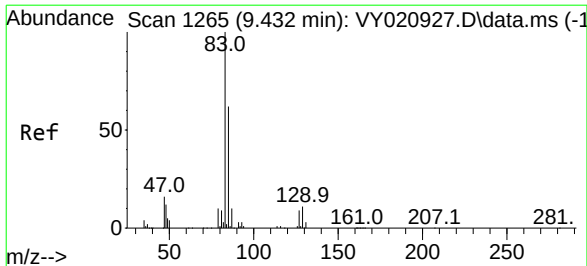
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#46
Dibromomethane
Concen: 58.714 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

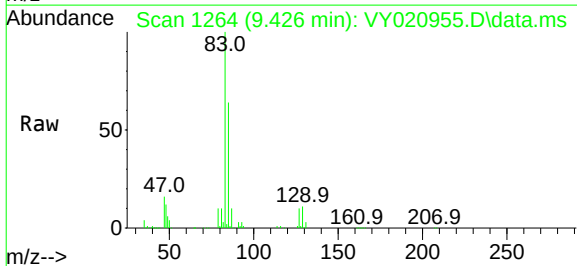
Tgt Ion: 93 Resp: 61675
Ion Ratio Lower Upper
93 100
95 82.2 66.2 99.2
174 108.9 87.0 130.4





#47
Bromodichloromethane
Concen: 56.332 ug/l
RT: 9.426 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

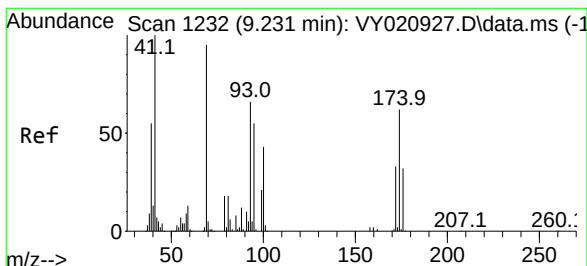
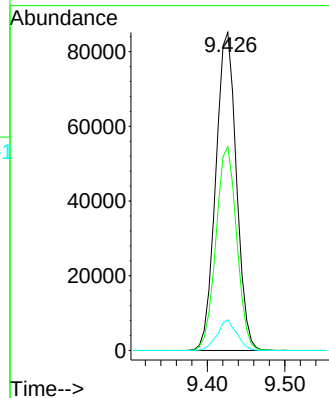
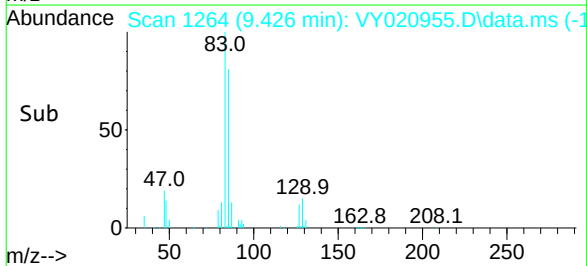
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 157443
Ion Ratio Lower Upper
83 100
85 64.0 49.3 73.9
127 9.7 7.4 11.0

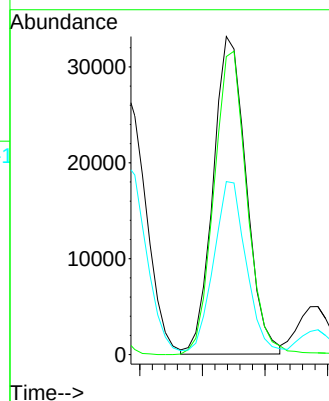
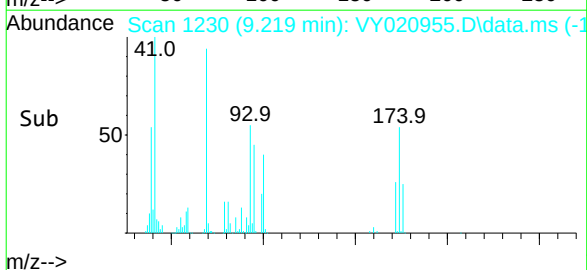
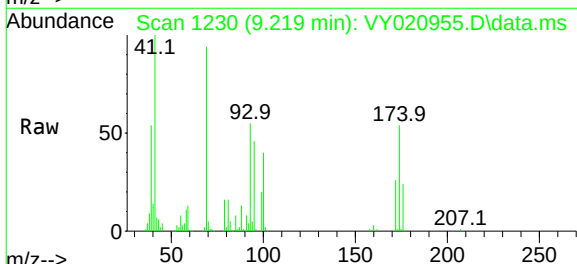
Manual Integrations
APPROVED

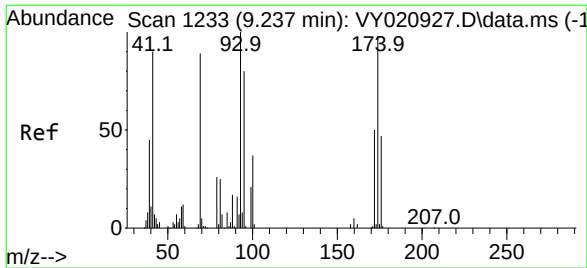
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#48
Methyl methacrylate
Concen: 61.443 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

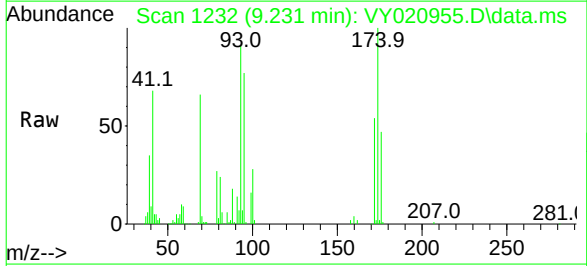
Tgt Ion: 41 Resp: 60842
Ion Ratio Lower Upper
41 100
69 95.6 77.0 115.4
39 51.8 41.1 61.7





#49
1,4-Dioxane
Concen: 1309.051 ug/l
RT: 9.231 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

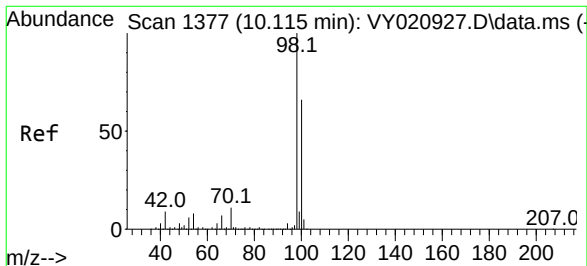
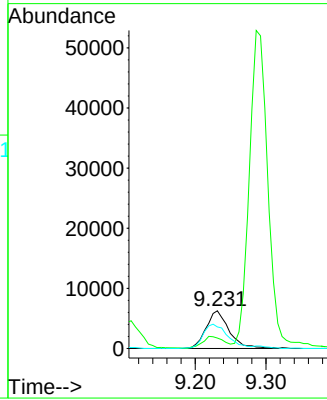
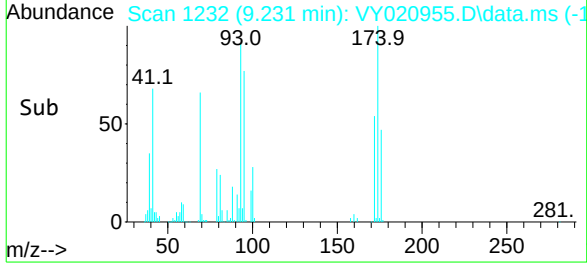
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 14158
Ion Ratio Lower Upper
88 100
43 29.8 23.1 34.7
58 69.3 49.0 73.6

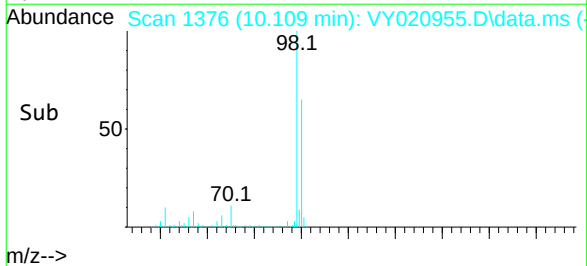
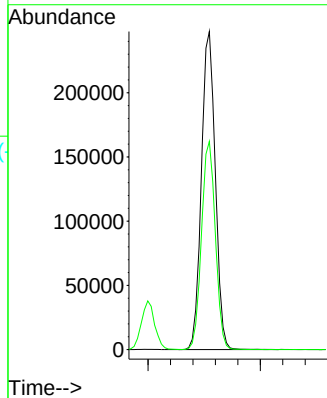
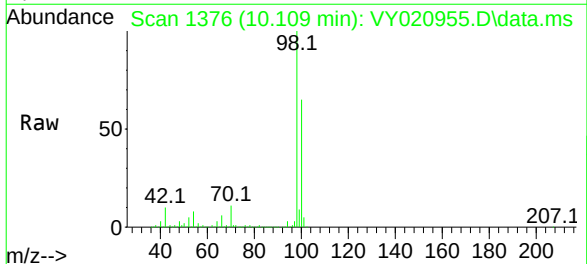
Manual Integrations
APPROVED

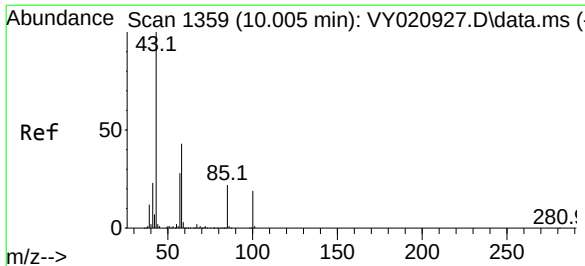
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#50
Toluene-d8
Concen: 53.621 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

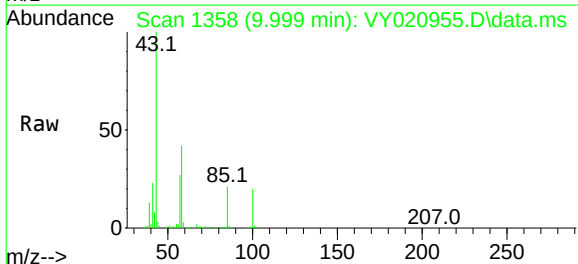
Tgt Ion: 98 Resp: 425032
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 312.781 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

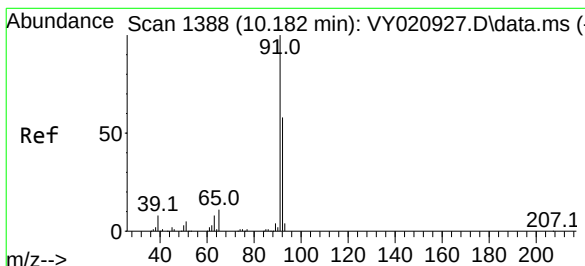
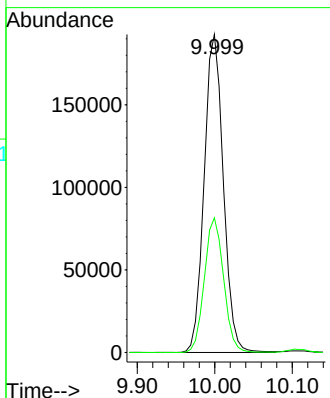
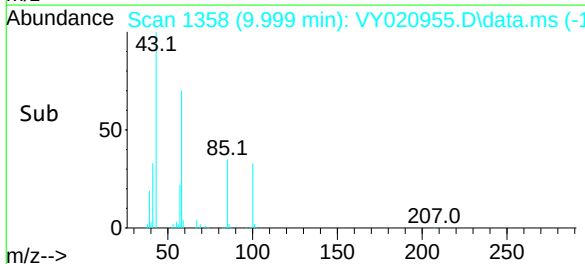
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 331061
Ion Ratio Lower Upper
43 100
58 42.4 33.7 50.5

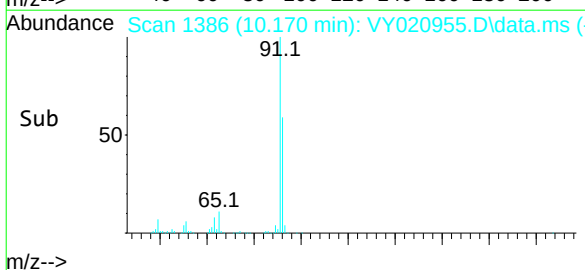
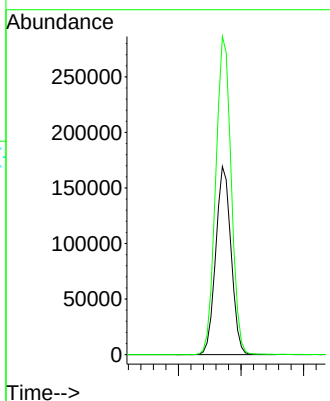
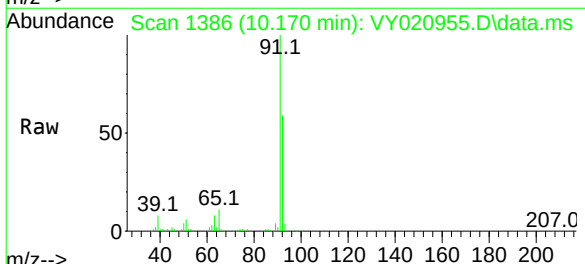
Manual Integrations
APPROVED

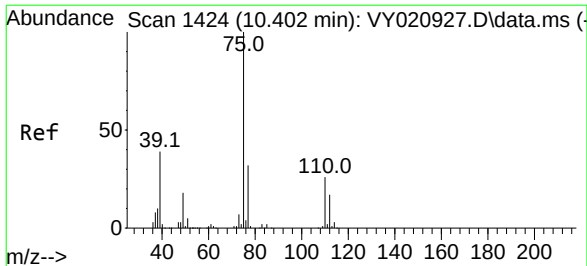
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#52
Toluene
Concen: 53.427 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Tgt Ion: 92 Resp: 287620
Ion Ratio Lower Upper
92 100
91 171.3 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 56.780 ug/l

RT: 10.396 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 145509

Ion Ratio Lower Upper

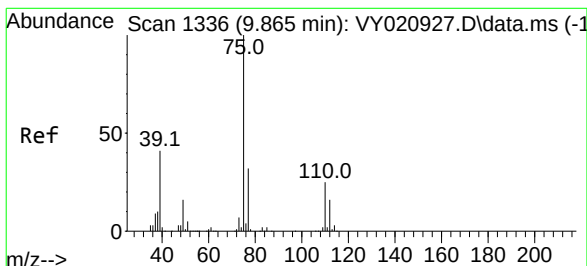
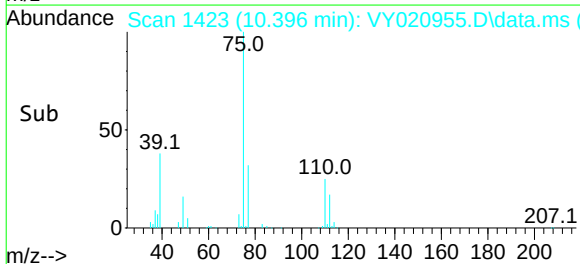
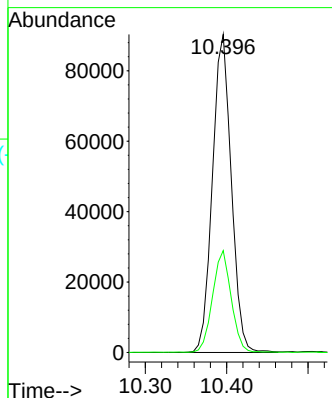
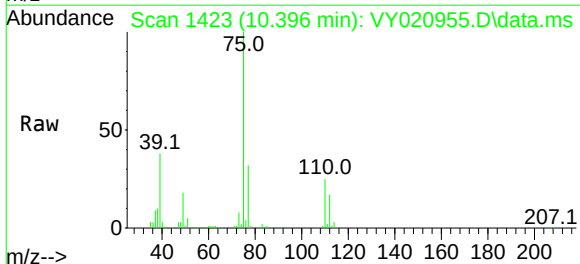
75 100

77 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#54

cis-1,3-Dichloropropene

Concen: 55.559 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

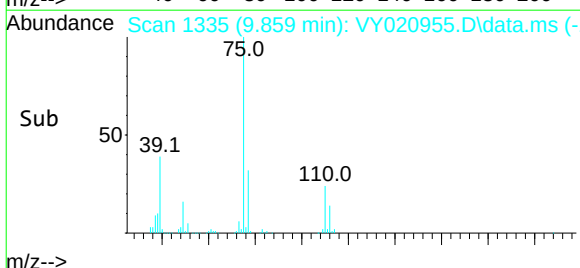
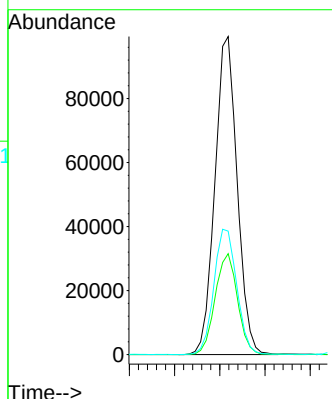
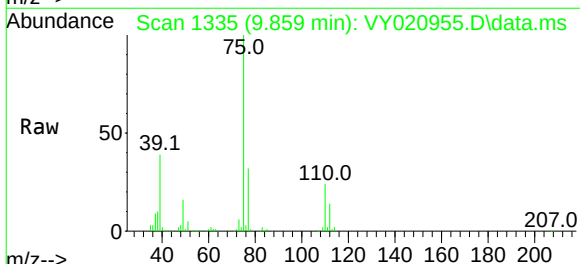
Tgt Ion: 75 Resp: 170011

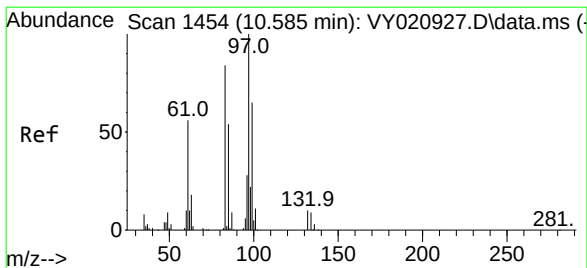
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 38.8 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 58.281 ug/l

RT: 10.573 min Scan# 14

Delta R.T. -0.012 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 82752

Ion Ratio Lower Upper

97 100

83 84.0 67.0 100.6

85 53.6 43.1 64.7

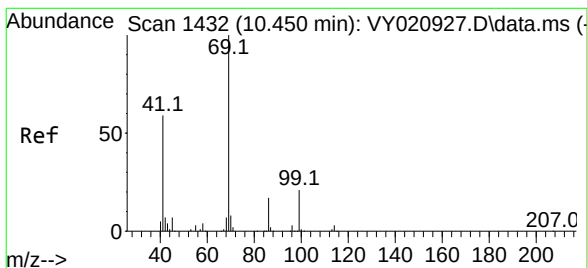
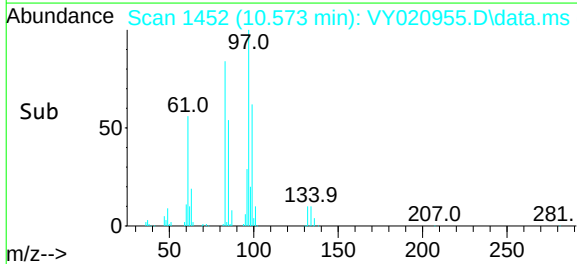
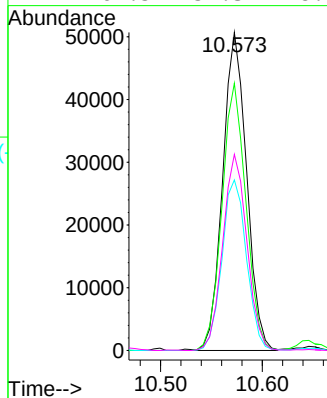
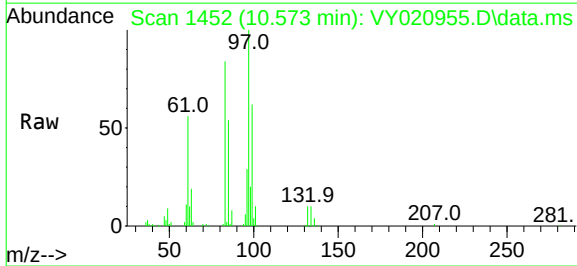
99 61.5 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025

Supervised By :Semsettin Yesilyurt 01/28/2025



#56

Ethyl methacrylate

Concen: 61.406 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.012 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

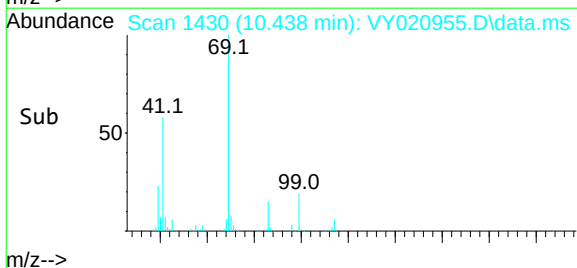
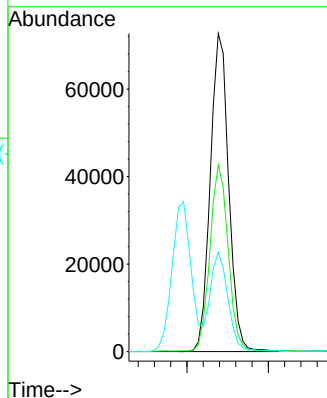
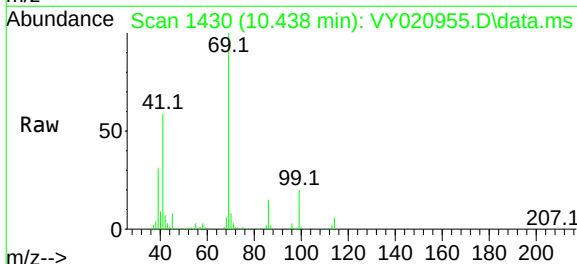
Tgt Ion: 69 Resp: 114266

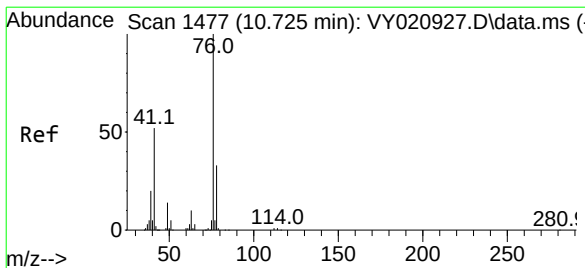
Ion Ratio Lower Upper

69 100

41 57.8 46.6 70.0

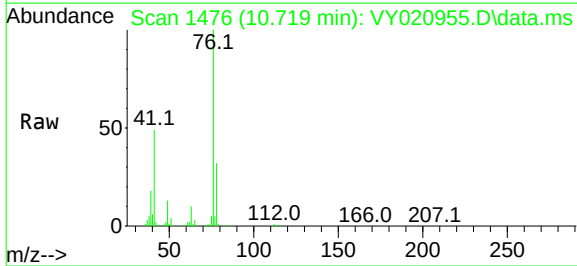
39 29.7 23.9 35.9





#57
1,3-Dichloropropane
Concen: 58.670 ug/l
RT: 10.719 min Scan# 141517
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

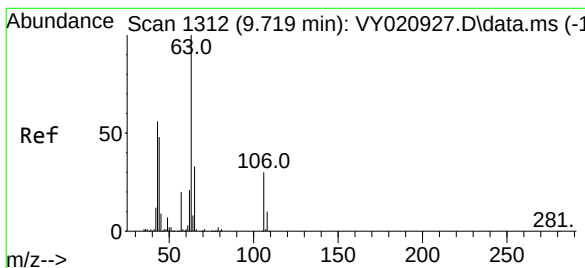
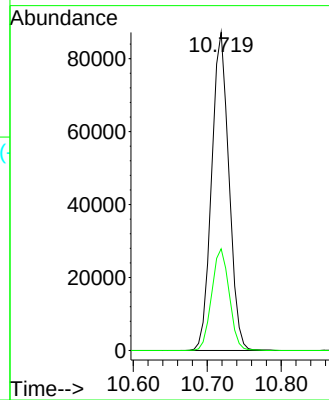
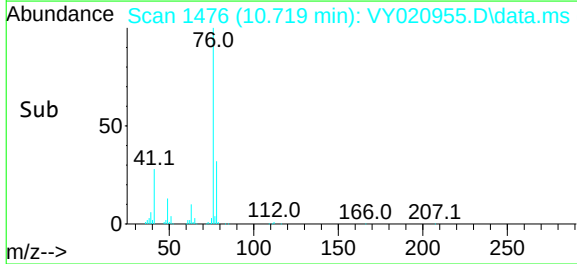
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 141517
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2

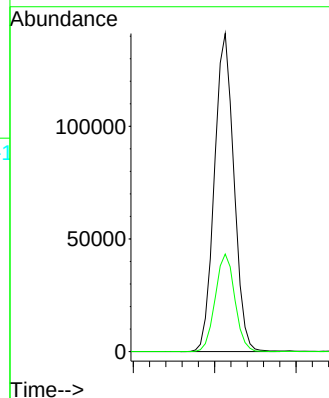
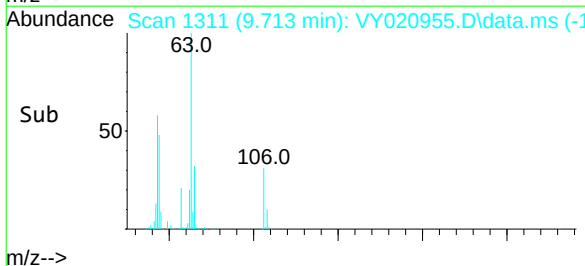
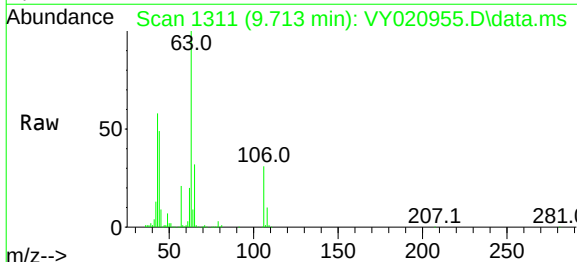
Manual Integrations
APPROVED

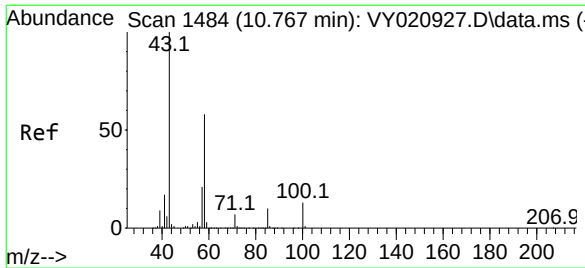
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 278.476 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

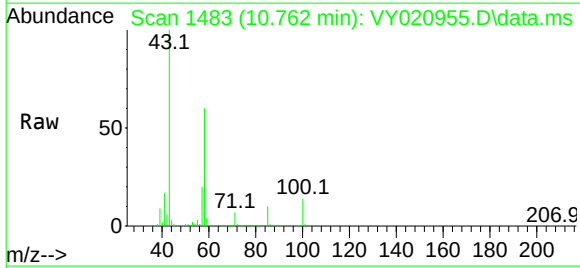
Tgt Ion: 63 Resp: 235193
Ion Ratio Lower Upper
63 100
106 30.7 24.7 37.1





#59
2-Hexanone
Concen: 323.306 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

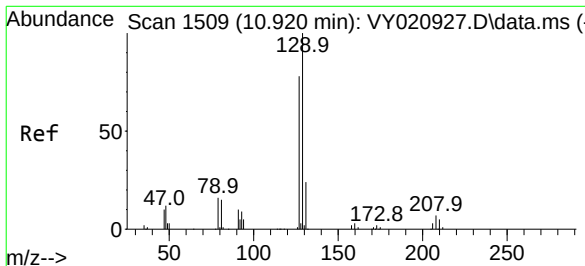
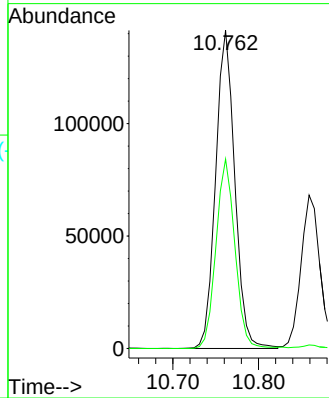
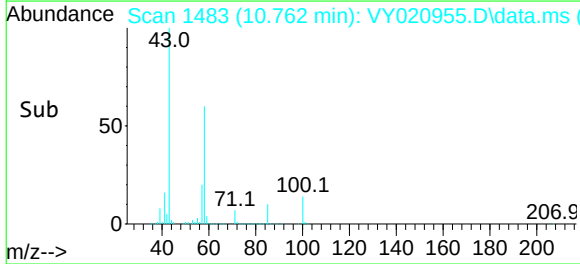
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 220046
Ion Ratio Lower Upper
43 100
58 58.9 29.9 89.8

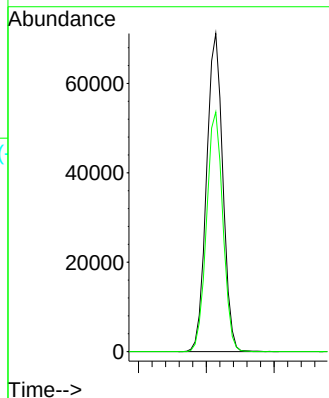
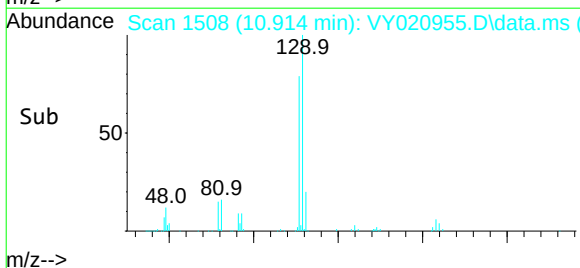
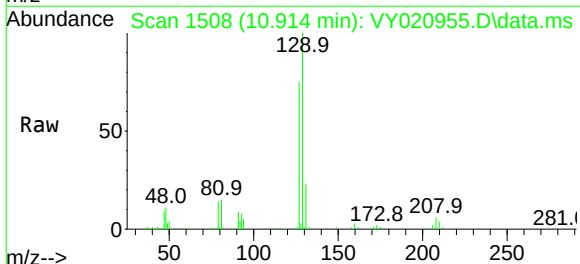
Manual Integrations
APPROVED

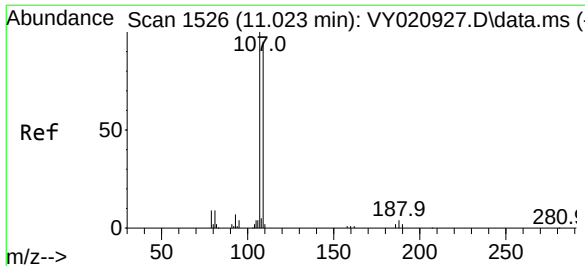
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#60
Dibromochloromethane
Concen: 59.228 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

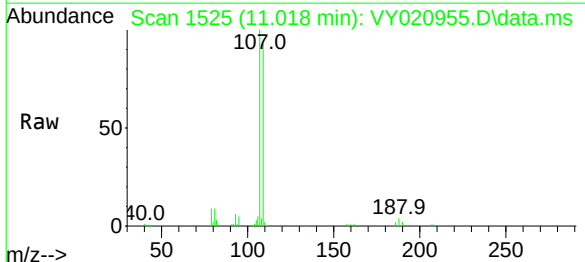
Tgt Ion:129 Resp: 118358
Ion Ratio Lower Upper
129 100
127 75.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 58.602 ug/l
RT: 11.018 min Scan# 1526
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

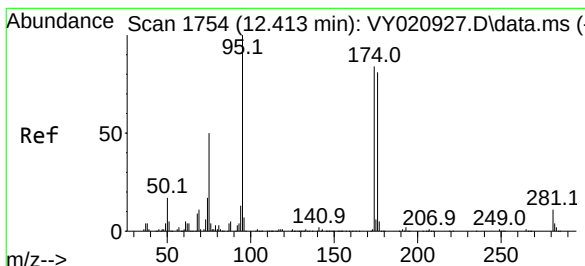
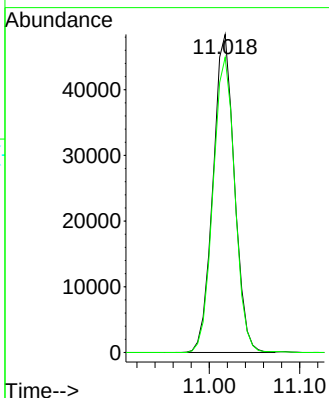
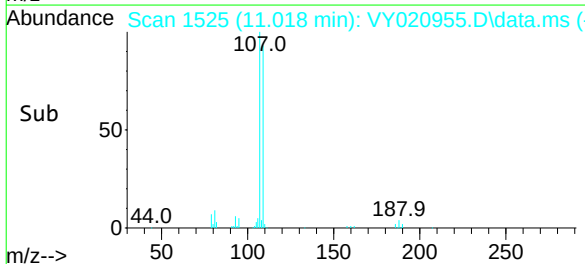
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



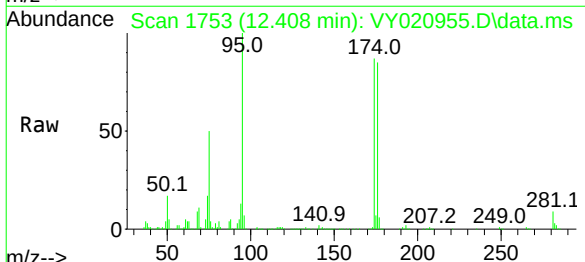
Tgt Ion: 107 Resp: 79586
Ion Ratio Lower Upper
107 100
109 94.6 76.3 114.5

Manual Integrations
APPROVED

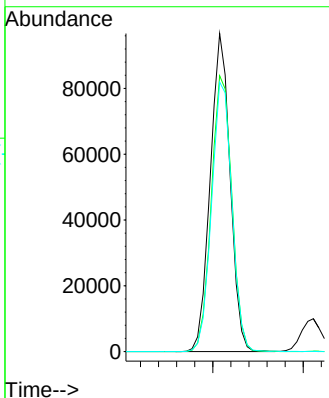
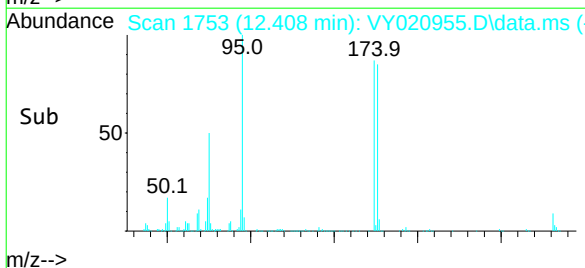
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025

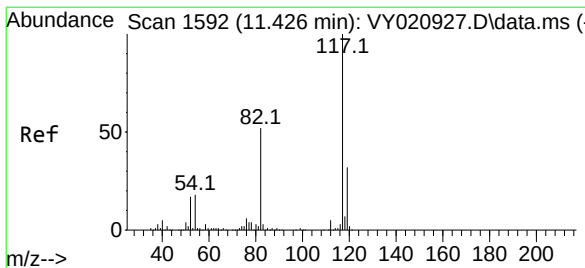


#62
4-Bromofluorobenzene
Concen: 55.782 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57



Tgt Ion: 95 Resp: 147154
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.4
176 86.9 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

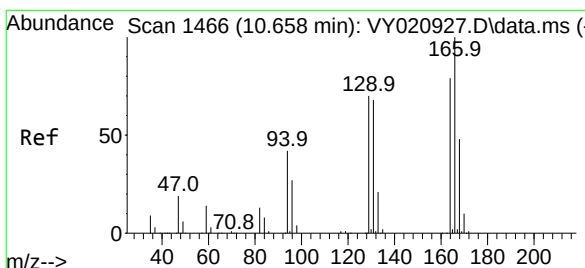
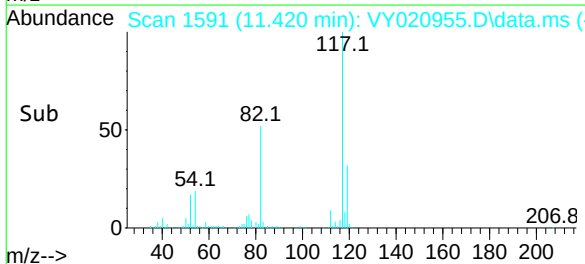
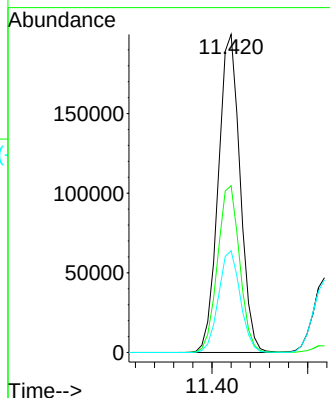
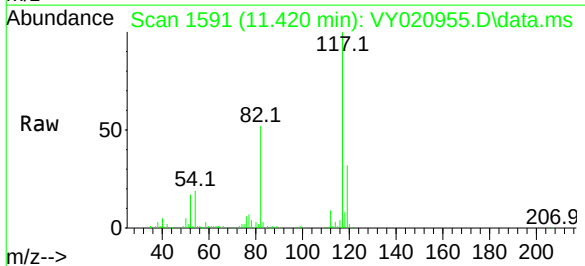
VSTDCCC050EC

Tgt Ion:	117	Resp:	316328
Ion Ratio	Lower	Upper	
117	100		
82	52.5	41.8	62.8
119	32.0	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#64

Tetrachloroethene

Concen: 47.371 ug/l

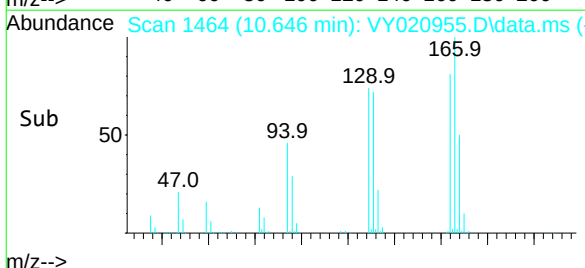
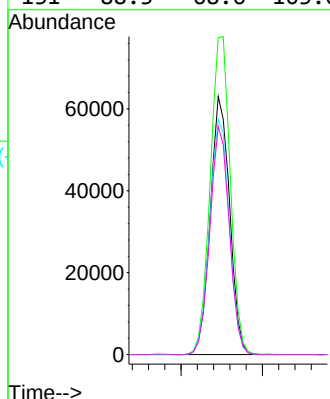
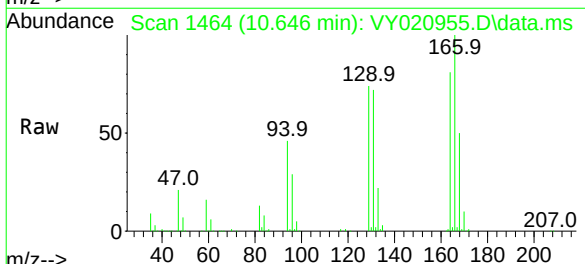
RT: 10.646 min Scan# 1464

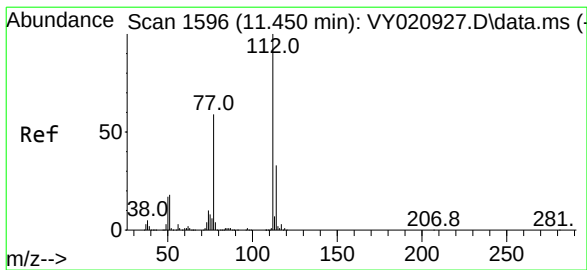
Delta R.T. -0.012 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

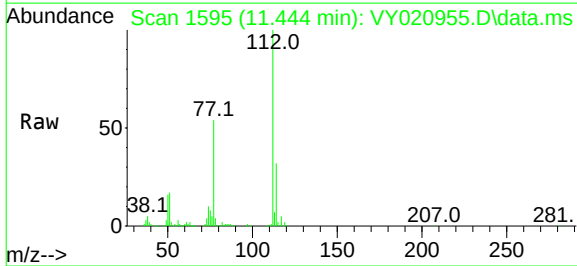
Tgt Ion:	164	Resp:	104282
Ion Ratio	Lower	Upper	
164	100		
166	122.8	101.0	151.6
129	91.1	70.8	106.2
131	88.3	68.6	103.0





#65
Chlorobenzene
Concen: 51.510 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

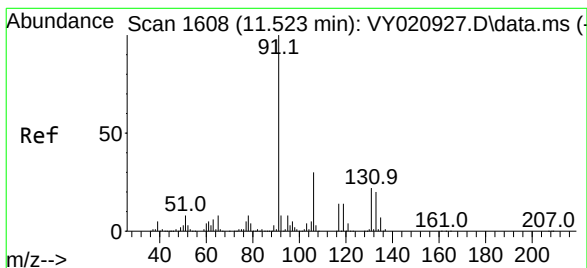
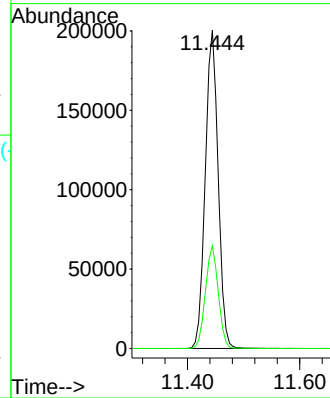
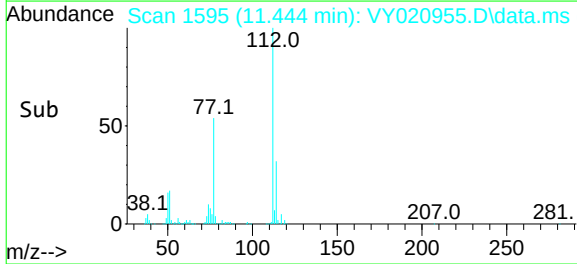
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 318633
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

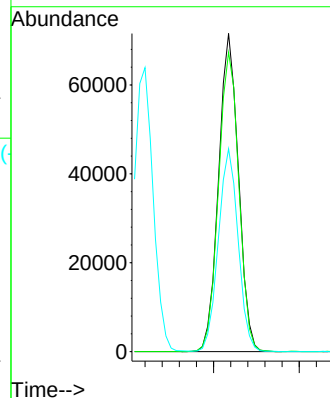
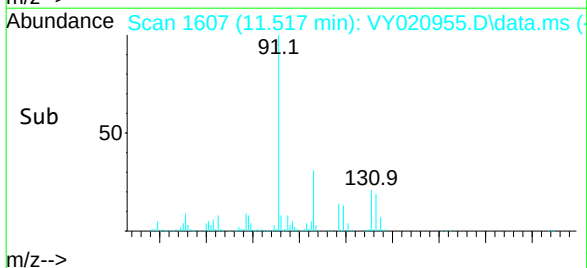
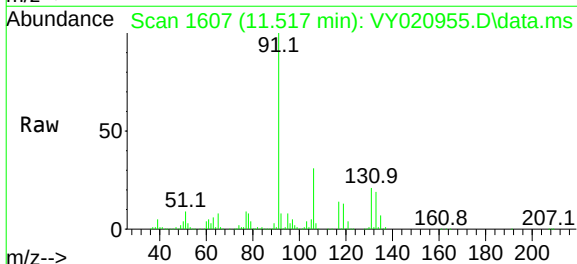
Manual Integrations
APPROVED

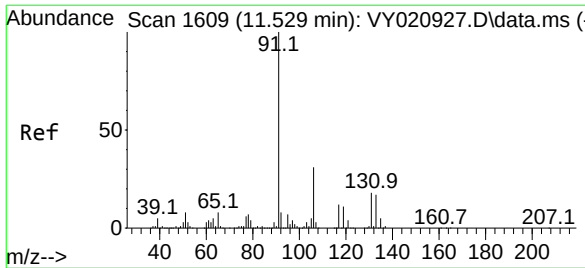
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.420 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Tgt Ion:131 Resp: 115228
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 63.5 31.2 93.6





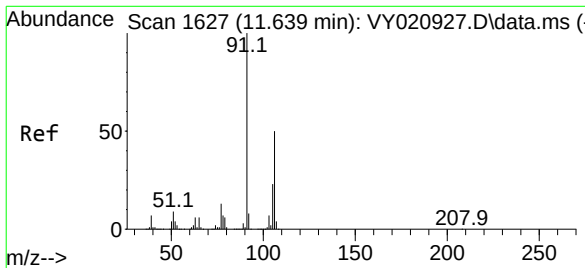
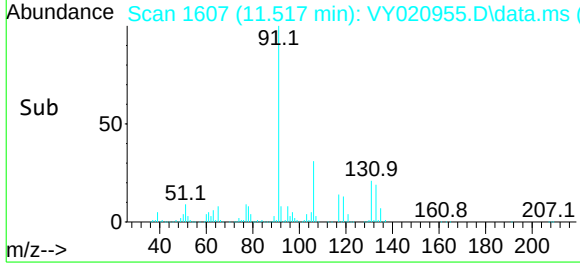
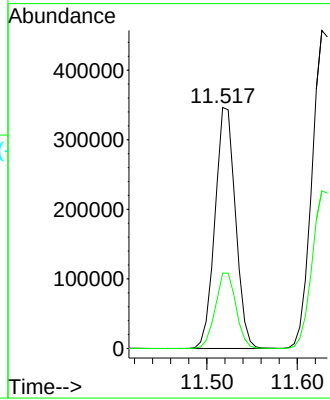
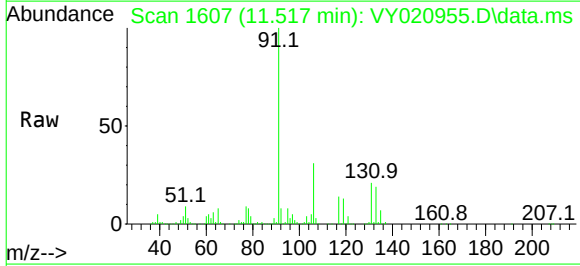
#67
Ethyl Benzene
Concen: 50.534 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 545456
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8

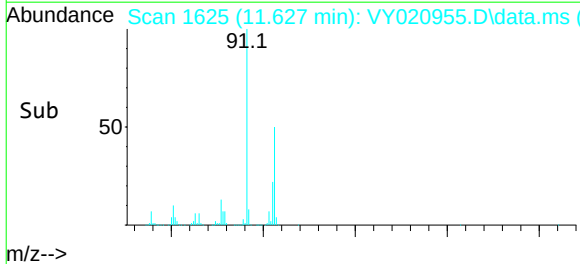
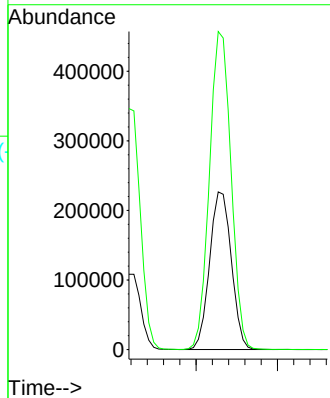
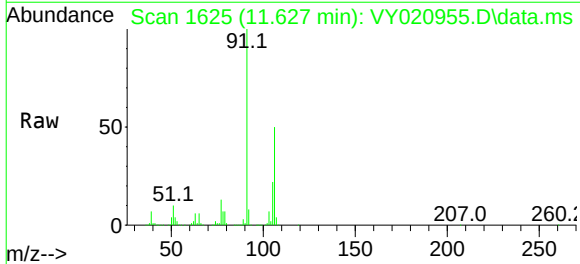
Manual Integrations
APPROVED

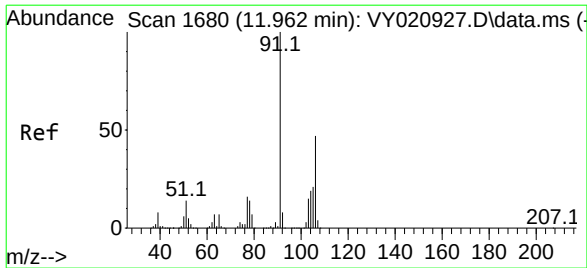
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#68
m/p-Xylenes
Concen: 101.806 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Tgt Ion:106 Resp: 420778
Ion Ratio Lower Upper
106 100
91 200.3 159.5 239.3





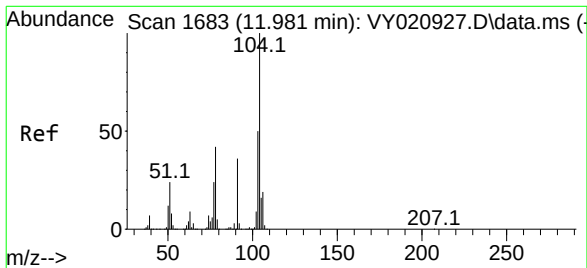
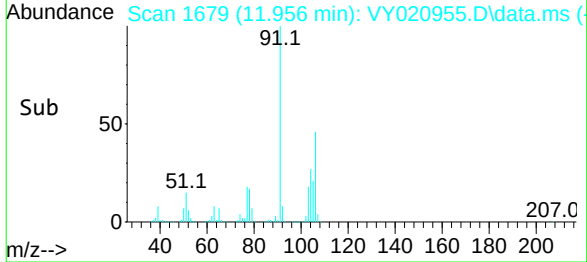
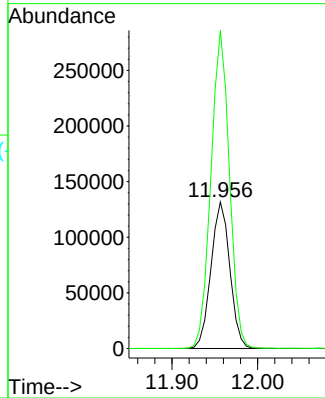
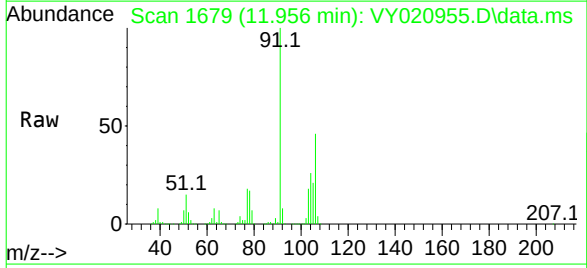
#69
o-Xylene
Concen: 52.155 ug/l
RT: 11.956 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 201356
Ion Ratio Lower Upper
106 100
91 212.8 105.3 315.9

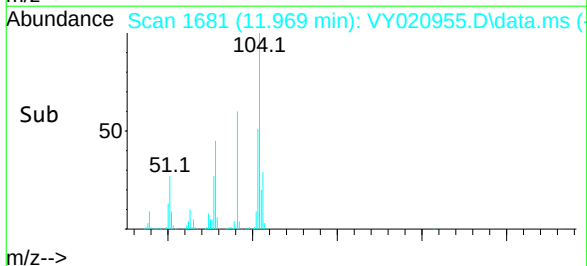
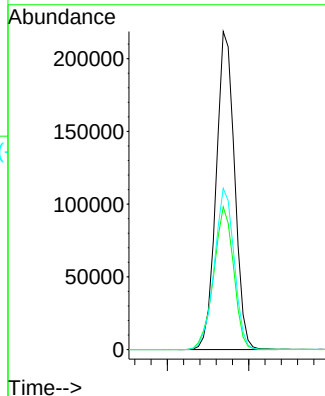
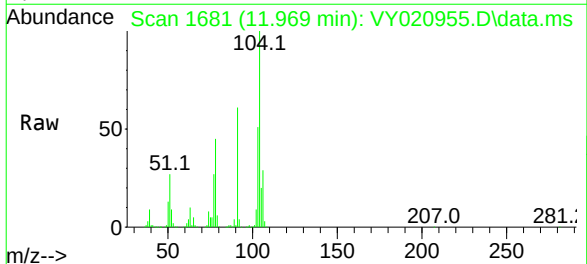
Manual Integrations
APPROVED

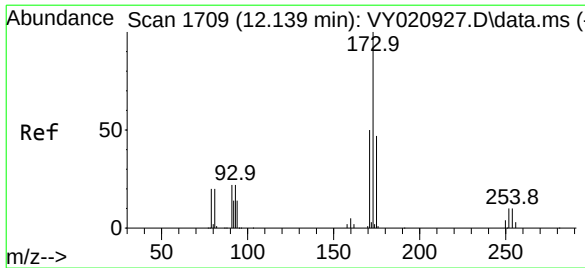
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#70
Styrene
Concen: 54.440 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Tgt Ion:104 Resp: 344451
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 54.5 43.4 65.2





#71

Bromoform

Concen: 57.322 ug/l

RT: 12.133 min Scan# 1709

Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

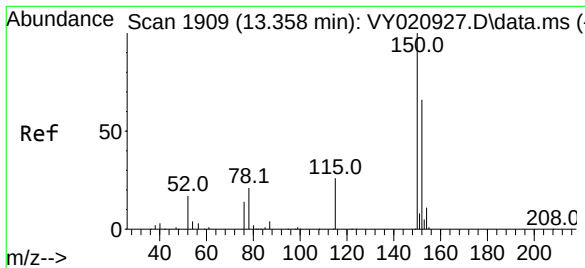
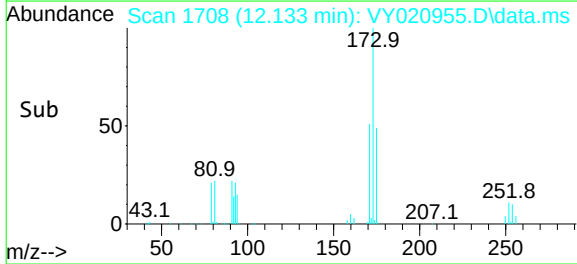
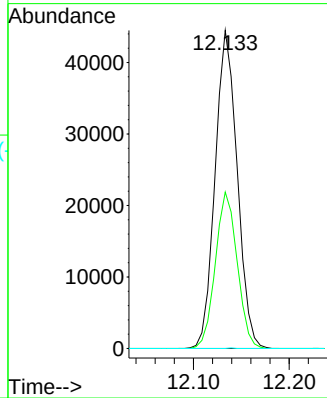
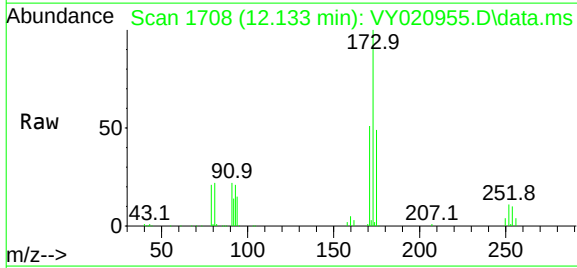
Tgt Ion:	173	Resp:	71349
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.3	73.0
254	0.0	0.1	0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025

Supervised By :Semsettin Yesilyurt 01/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

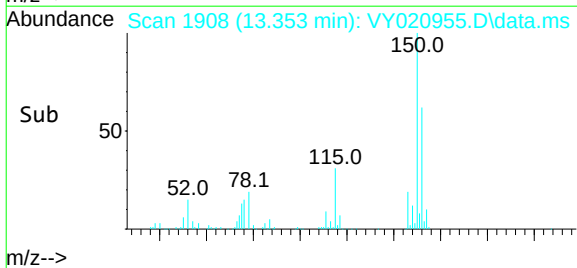
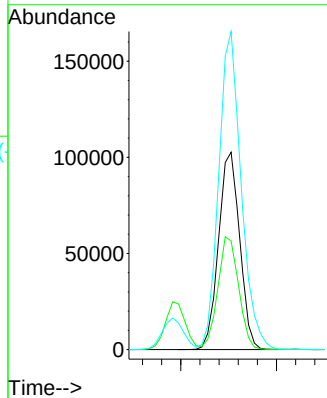
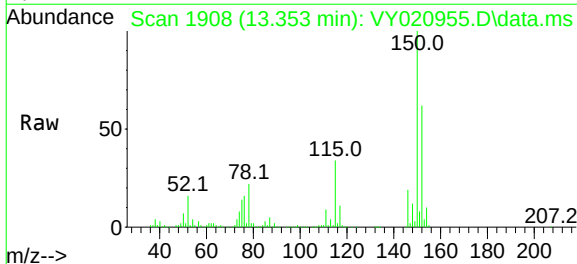
RT: 13.353 min Scan# 1908

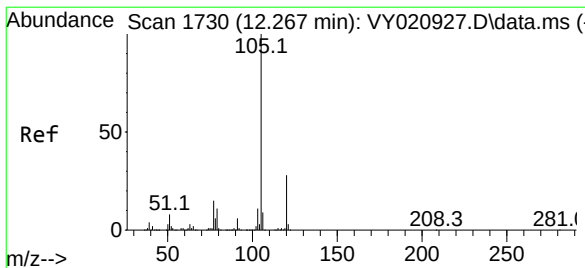
Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Tgt Ion:	152	Resp:	157764
Ion Ratio	Lower	Upper	
152	100		
115	55.8	29.0	87.0
150	170.9	0.0	347.6





#73

Isopropylbenzene

Concen: 48.297 ug/l

RT: 12.255 min Scan# 1730

Delta R.T. -0.012 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 524769

Ion Ratio Lower Upper

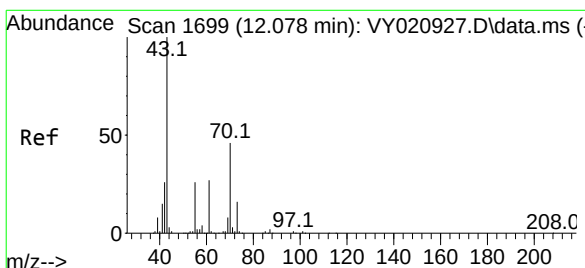
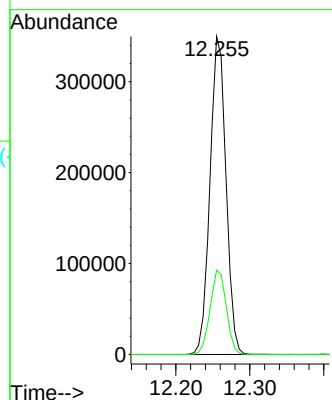
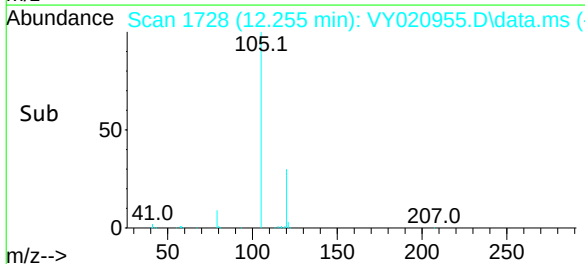
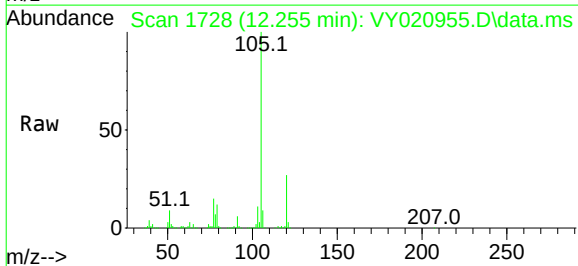
105 100

120 26.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#74

N-ethyl acetate

Concen: 57.141 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Tgt Ion: 43 Resp: 110479

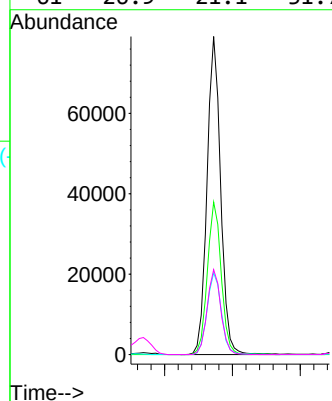
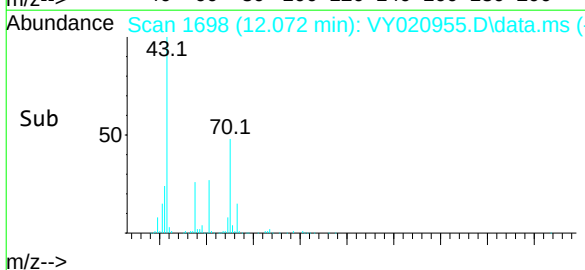
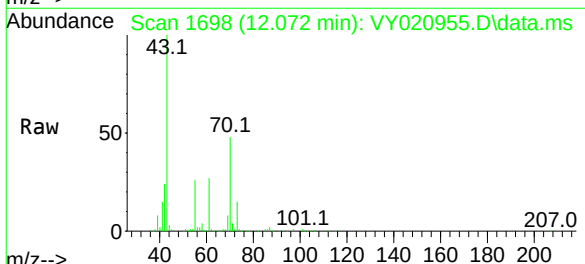
Ion Ratio Lower Upper

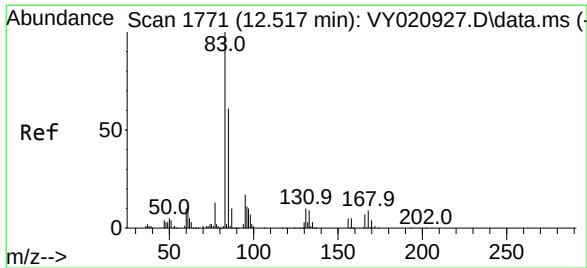
43 100

70 48.8 38.7 58.1

55 26.8 21.6 32.4

61 26.9 21.1 31.7





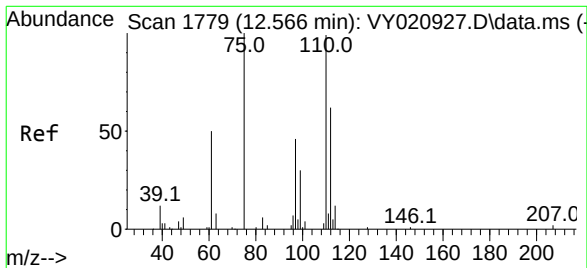
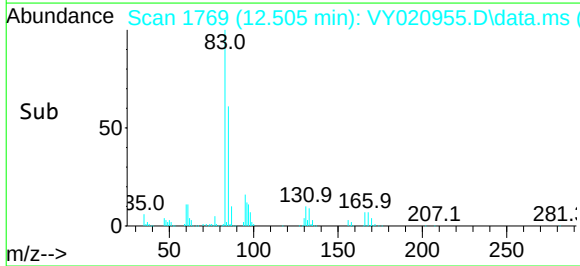
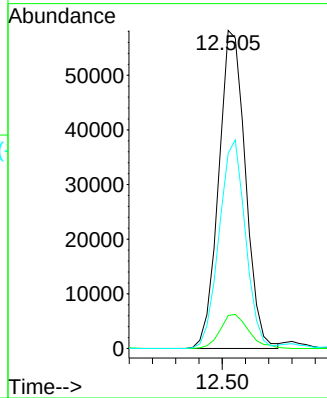
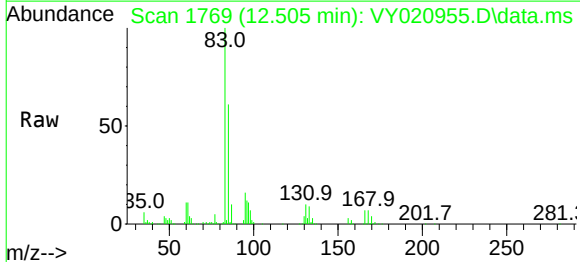
#75
1,1,2,2-Tetrachloroethane
Concen: 55.009 ug/l
RT: 12.505 min Scan# 1770
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	83	Resp	92997
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.5	16.7
85	64.5	31.8	95.4

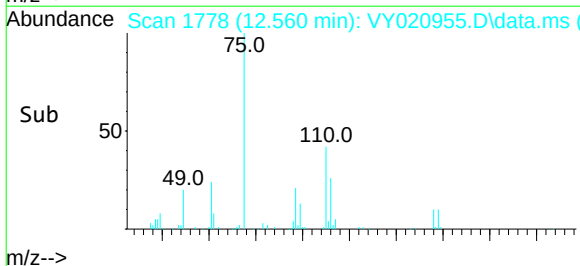
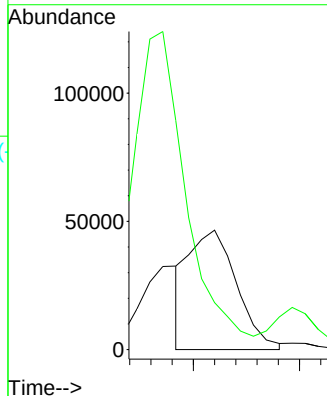
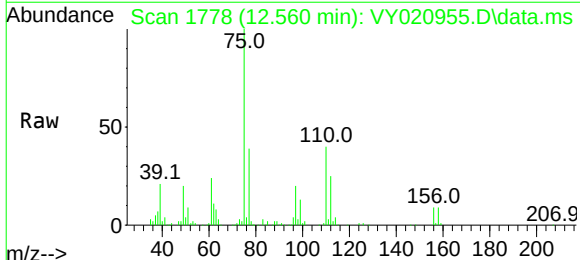
Manual Integrations
APPROVED

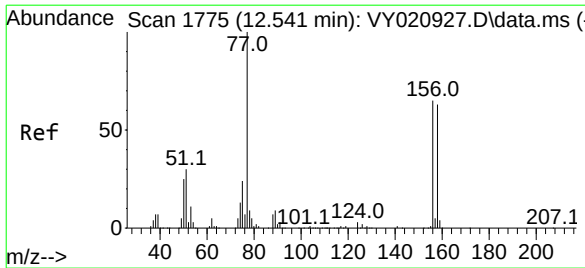
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#76
1,2,3-Trichloropropane
Concen: 65.581 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Tgt Ion	75	Resp	73152
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.207 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

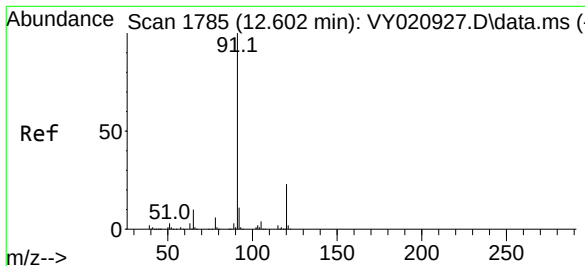
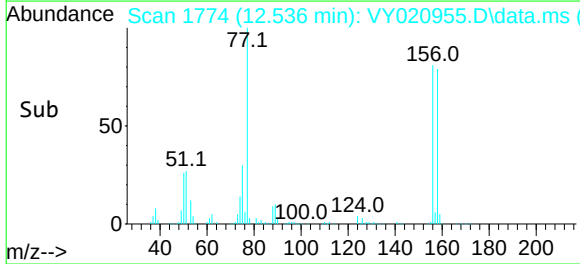
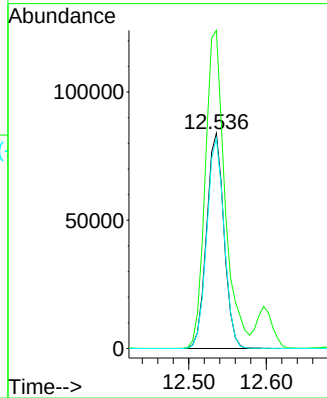
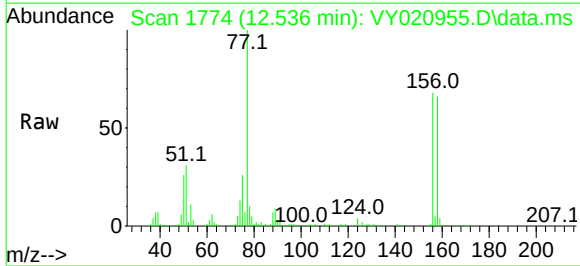
VSTDCCC050EC

Tgt Ion:	156	Resp:	130421
Ion Ratio	Lower	Upper	
156	100		
77	168.2	84.4	253.1
158	97.6	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#78

n-propylbenzene

Concen: 48.225 ug/l

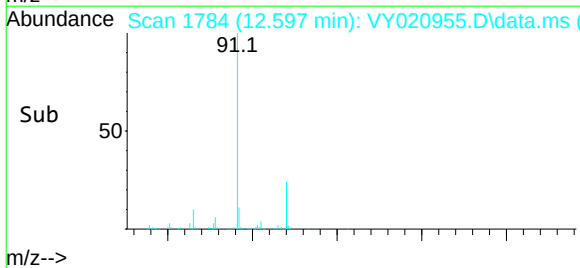
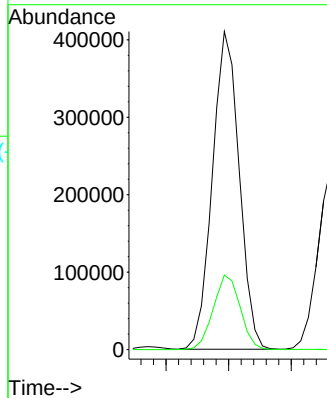
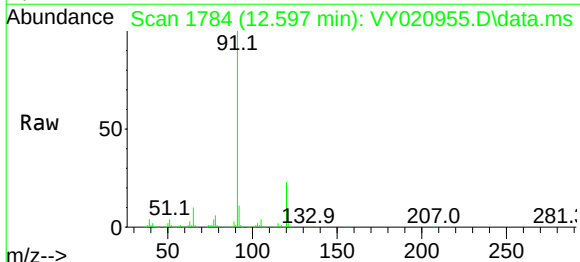
RT: 12.597 min Scan# 1784

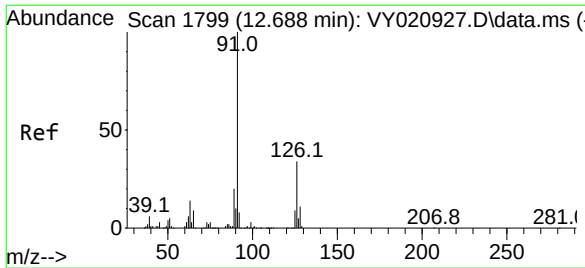
Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Tgt Ion:	91	Resp:	610360
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.4





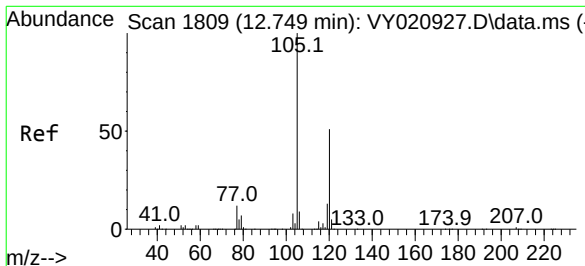
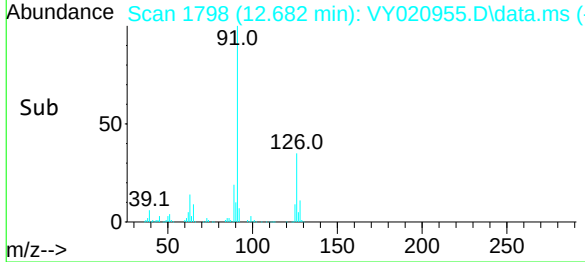
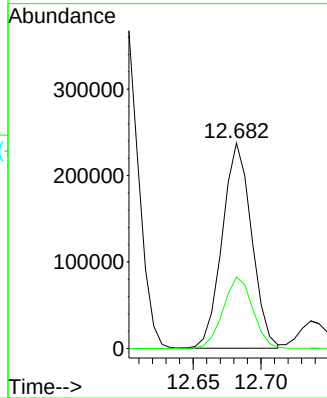
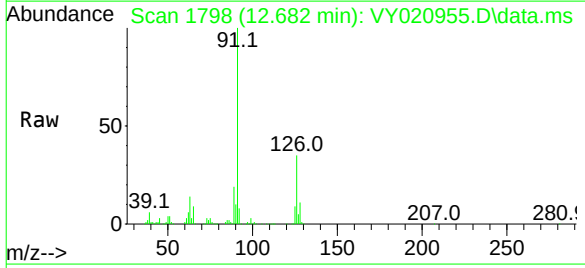
#79
2-Chlorotoluene
Concen: 49.696 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 356741
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.9

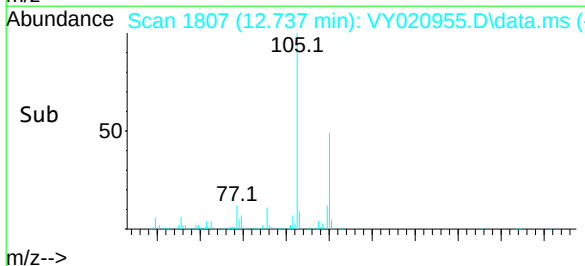
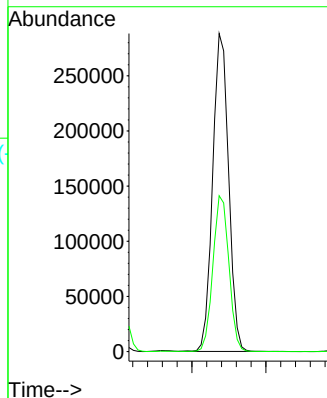
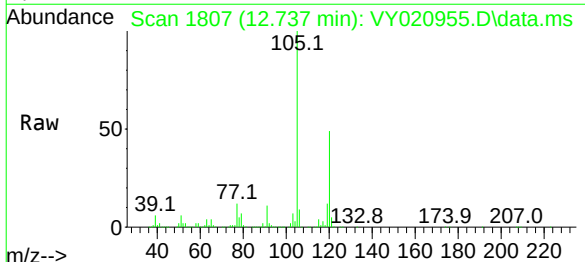
Manual Integrations
APPROVED

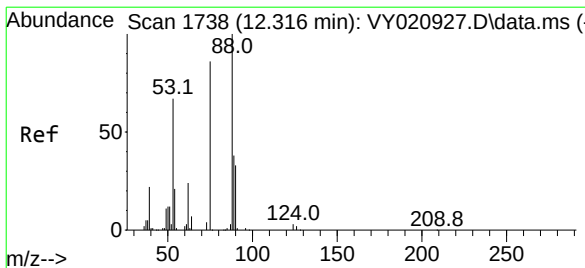
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.382 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

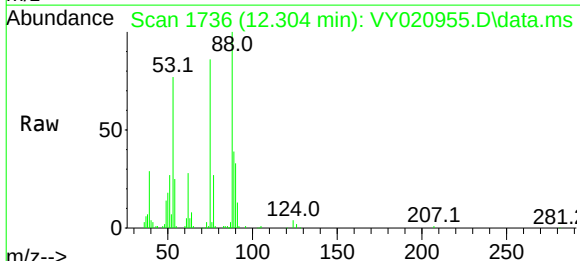
Tgt Ion:105 Resp: 431140
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 53.991 ug/l
RT: 12.304 min Scan# 1738
Delta R.T. -0.012 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

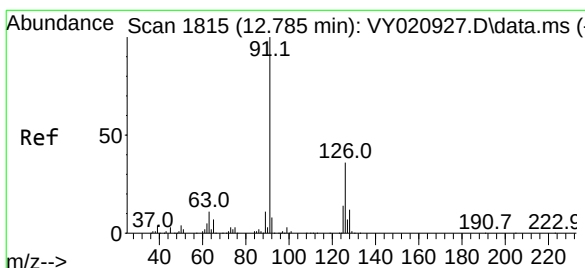
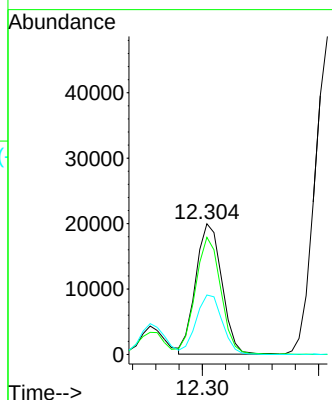
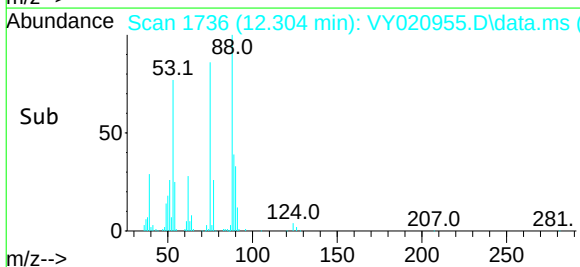
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 31172
Ion Ratio Lower Upper
75 100
53 88.5 67.7 101.5
89 45.8 38.4 57.6

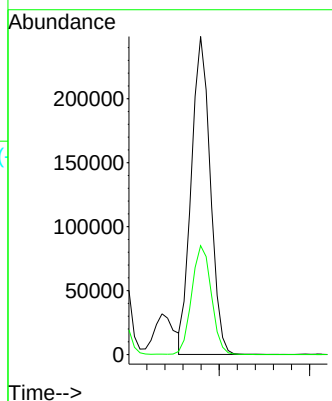
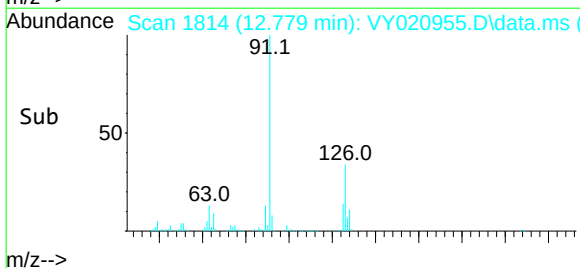
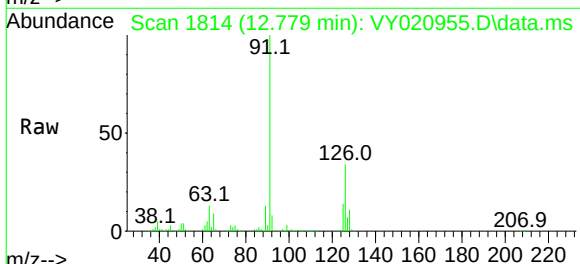
Manual Integrations
APPROVED

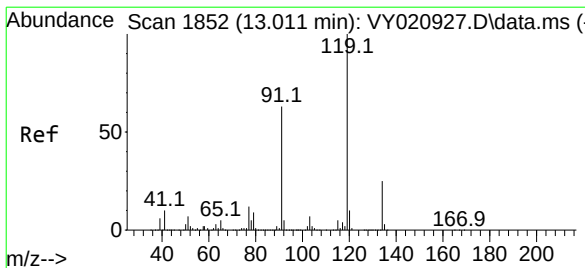
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#82
4-Chlorotoluene
Concen: 49.329 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

Tgt Ion: 91 Resp: 361594
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.3





#83

tert-Butylbenzene

Concen: 48.383 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.012 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

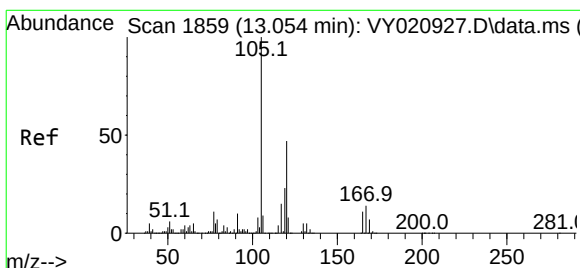
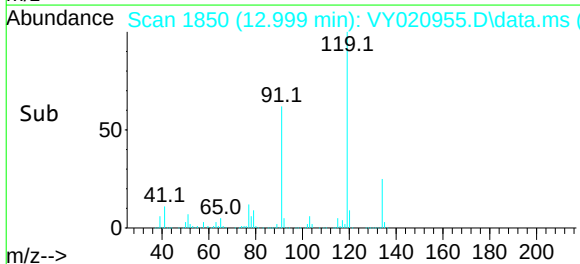
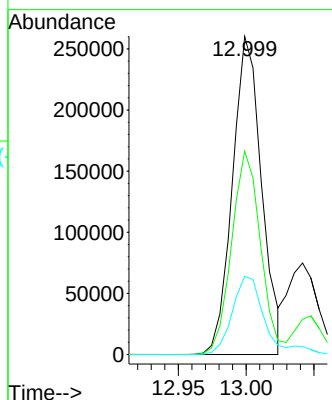
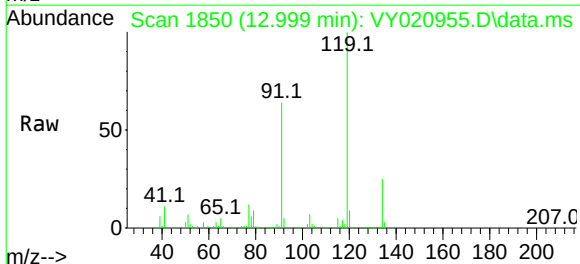
VSTDCCC050EC

Tgt Ion:	119	Resp:	389627
Ion	Ratio	Lower	Upper
119	100		
91	63.5	30.9	92.8
134	27.4	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 50.115 ug/l

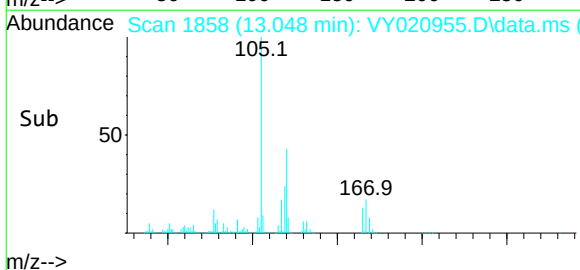
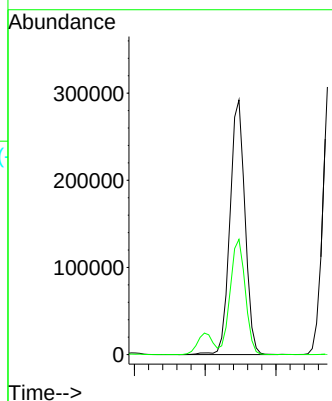
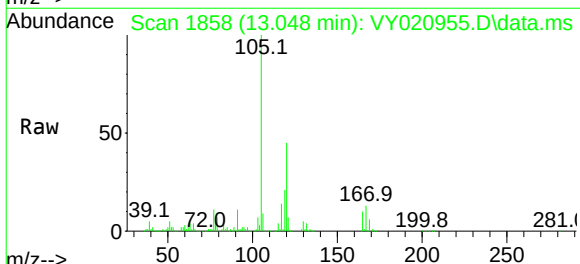
RT: 13.048 min Scan# 1858

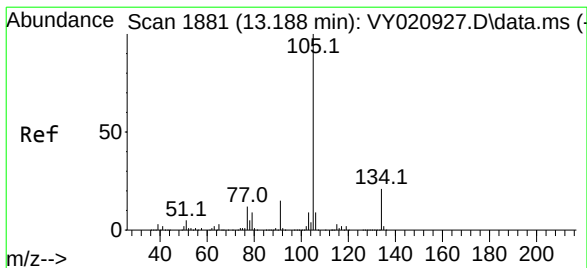
Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Tgt Ion:	105	Resp:	430740
Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.7





#85

sec-Butylbenzene

Concen: 47.964 ug/l

RT: 13.176 min Scan# 18

Delta R.T. -0.012 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 550692

Ion Ratio Lower Upper

105 100

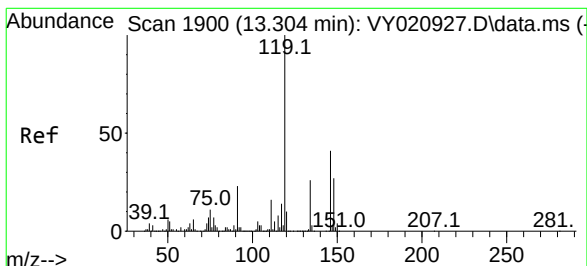
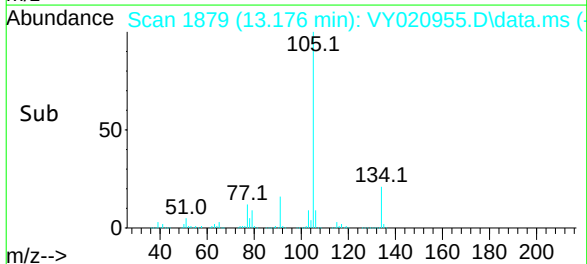
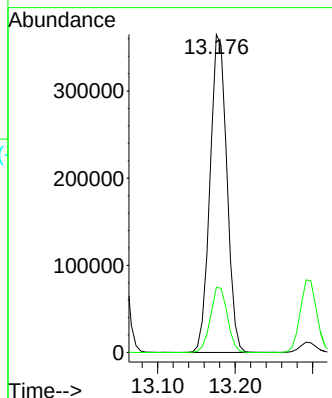
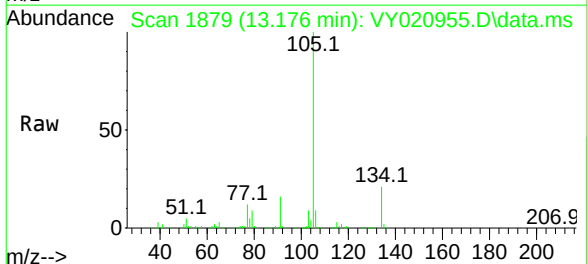
134 20.7 10.4 31.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025

Supervised By :Semsettin Yesilyurt 01/28/2025



#86

p-Isopropyltoluene

Concen: 48.426 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.012 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

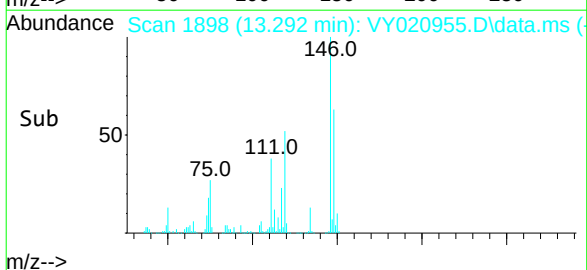
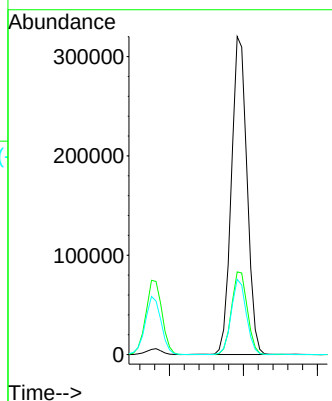
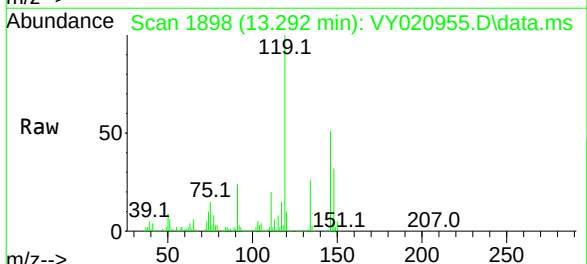
Tgt Ion:119 Resp: 469729

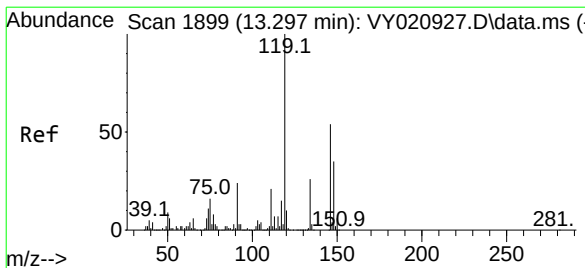
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 22.8 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 49.944 ug/l

RT: 13.292 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

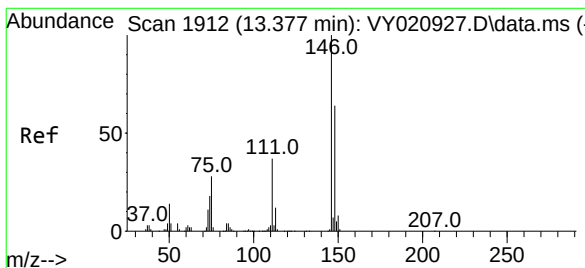
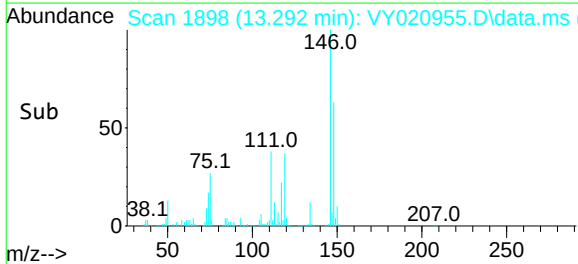
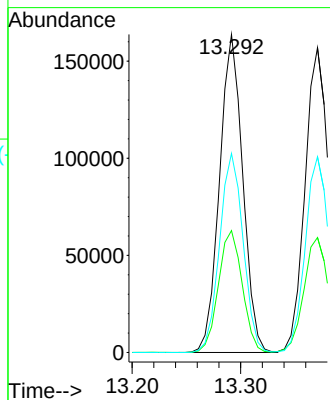
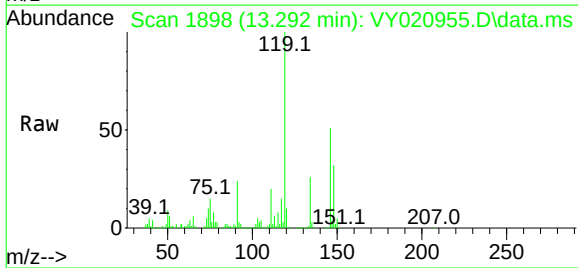
VSTDCCC050EC

Tgt Ion:	146	Resp:	243587
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.4	58.2
148	63.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#88

1,4-Dichlorobenzene

Concen: 49.947 ug/l

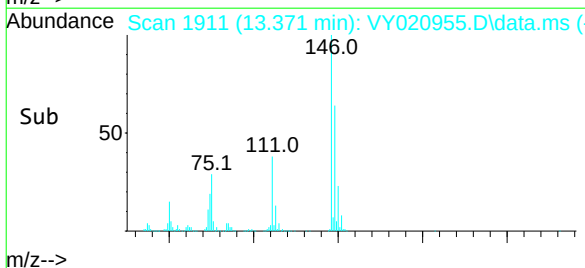
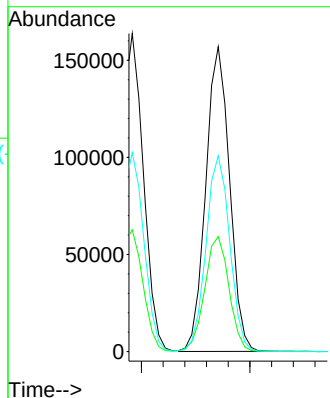
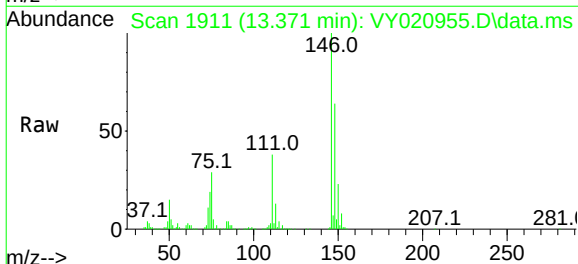
RT: 13.371 min Scan# 1911

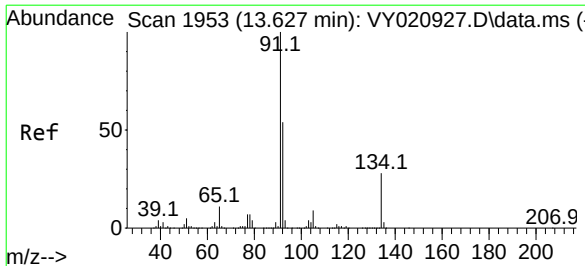
Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Tgt Ion:	146	Resp:	239296
Ion Ratio	Lower	Upper	
146	100		
111	38.6	18.8	56.4
148	64.3	32.0	96.0





#89

n-Butylbenzene

Concen: 47.660 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

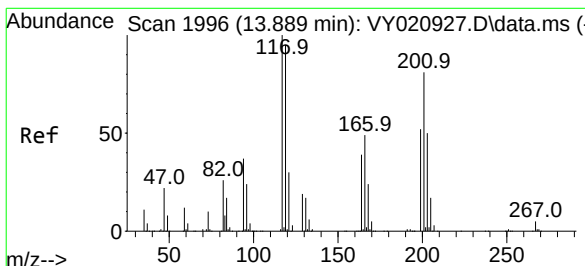
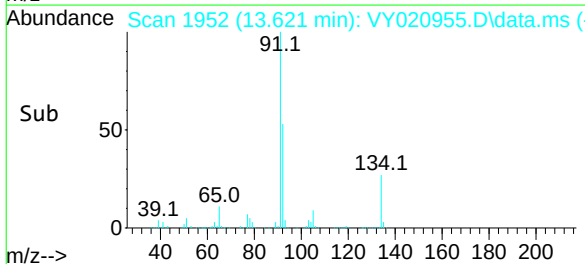
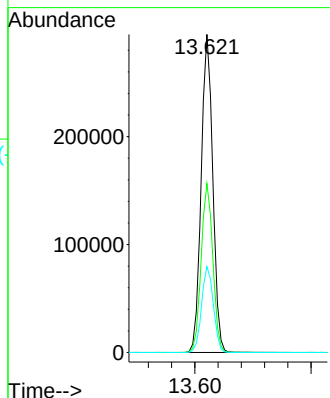
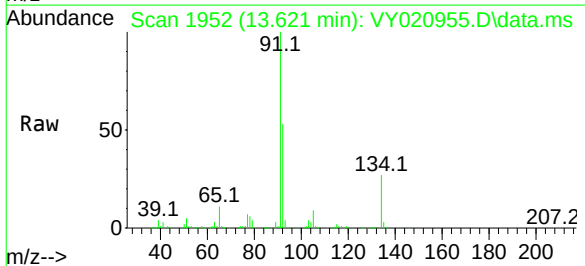
VSTDCCC050EC

Tgt Ion:	91	Resp:	407786
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.8	80.3
134	27.4	13.8	41.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#90

Hexachloroethane

Concen: 49.190 ug/l

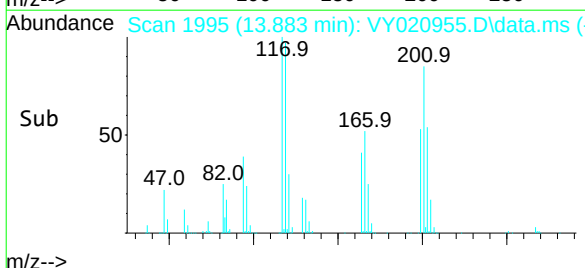
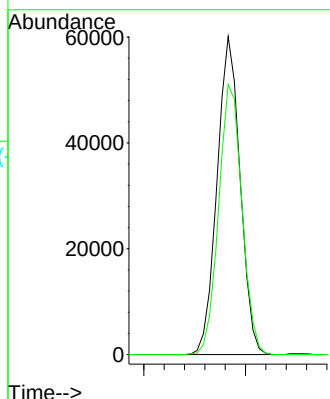
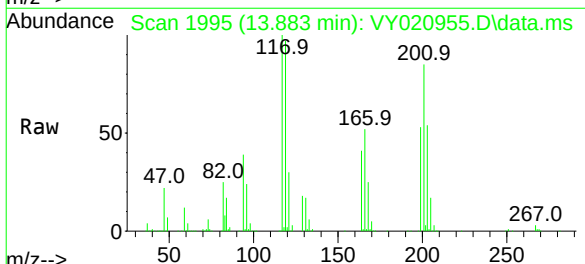
RT: 13.883 min Scan# 1995

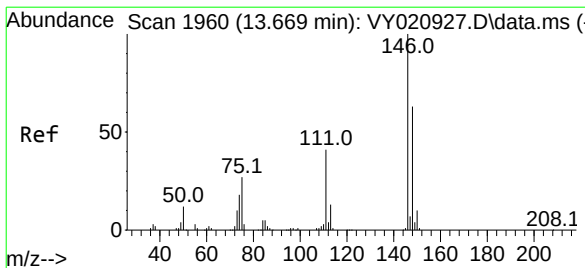
Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

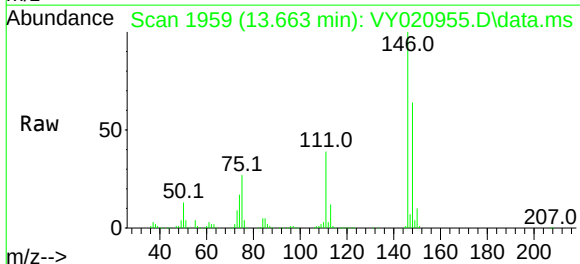
Tgt Ion:	117	Resp:	94785
Ion	Ratio	Lower	Upper
117	100		
201	85.8	42.7	128.1





#91
1,2-Dichlorobenzene
Concen: 52.009 ug/l
RT: 13.663 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

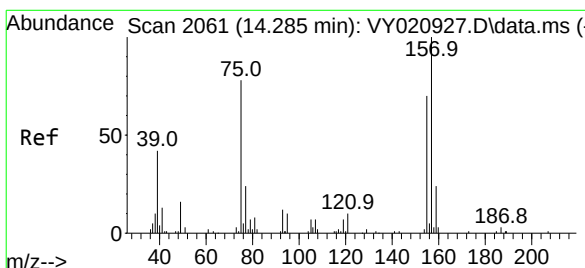
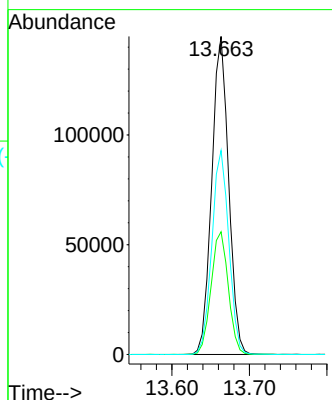
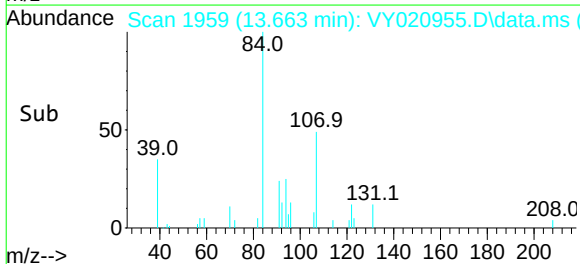
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 146 Resp: 219769
Ion Ratio Lower Upper
146 100
111 39.4 20.2 60.6
148 64.4 32.2 96.6

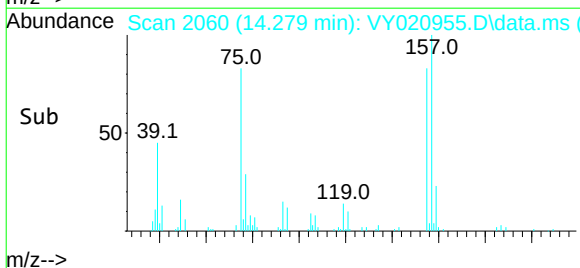
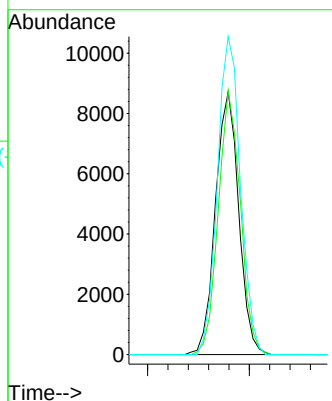
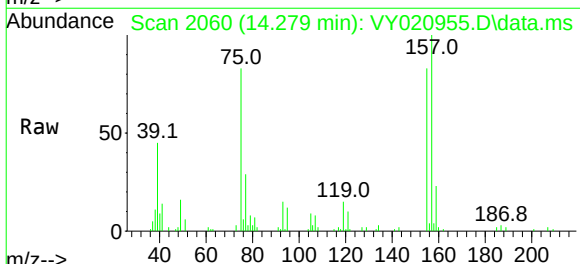
Manual Integrations
APPROVED

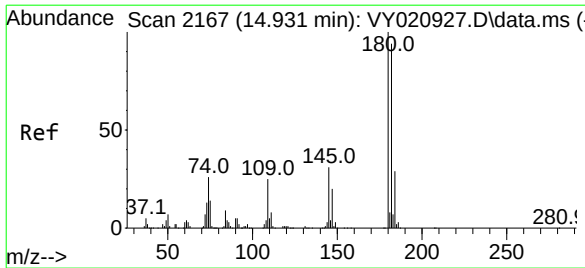
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.472 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

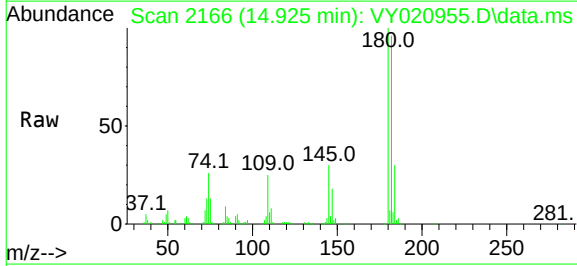
Tgt Ion: 75 Resp: 13834
Ion Ratio Lower Upper
75 100
155 95.4 46.6 139.7
157 119.9 60.1 180.3





#93
1,2,4-Trichlorobenzene
Concen: 49.201 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57

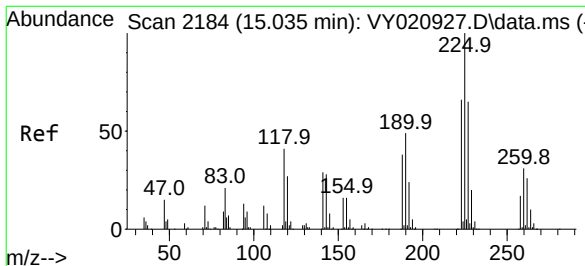
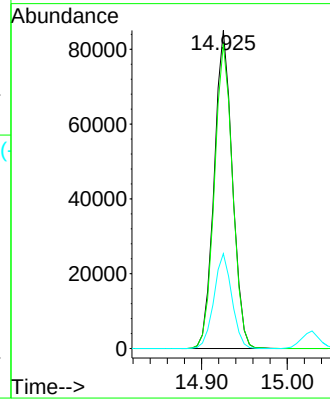
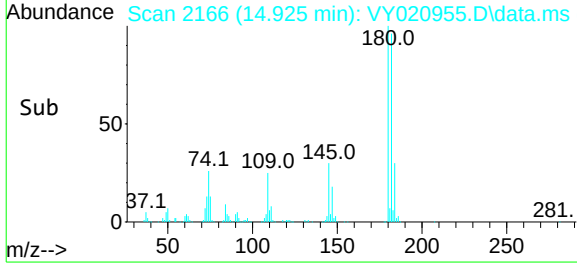
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



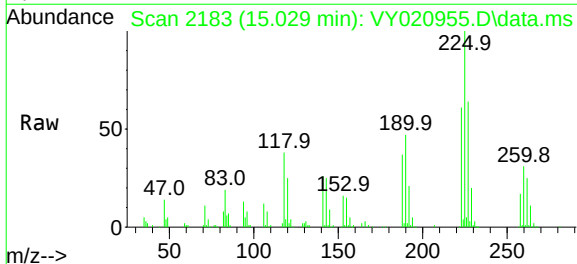
Tgt Ion:180 Resp: 125069
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.2
145 29.5 14.9 44.5

Manual Integrations
APPROVED

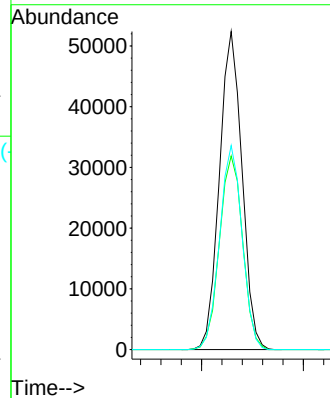
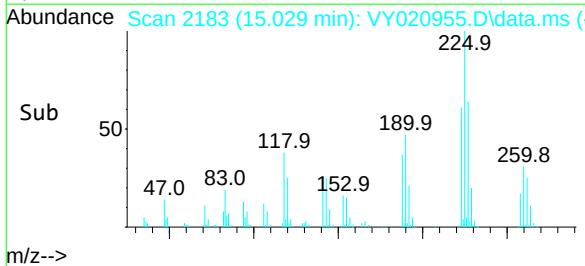
Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025

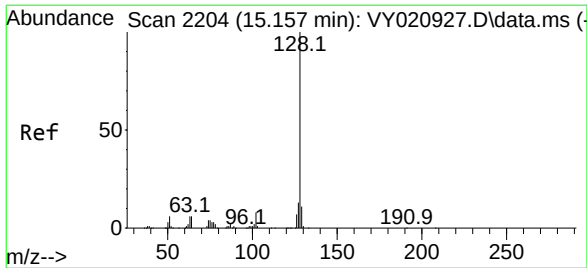


#94
Hexachlorobutadiene
Concen: 46.392 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. -0.006 min
Lab File: VY020955.D
Acq: 27 Jan 2025 17:57



Tgt Ion:225 Resp: 80684
Ion Ratio Lower Upper
225 100
223 62.6 31.5 94.5
227 63.9 31.9 95.9





#95

Naphthalene

Concen: 54.484 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

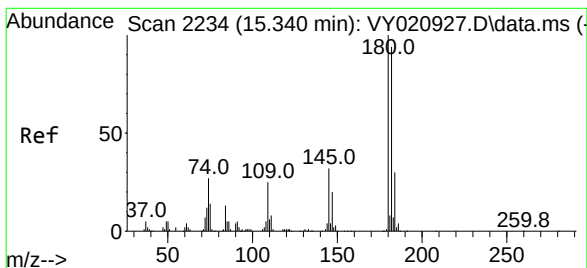
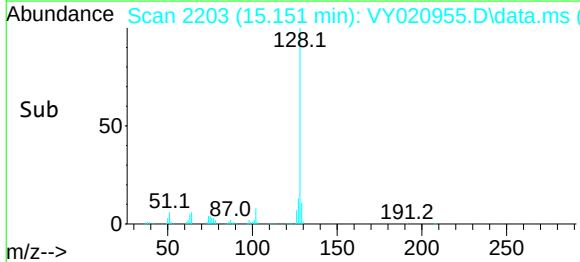
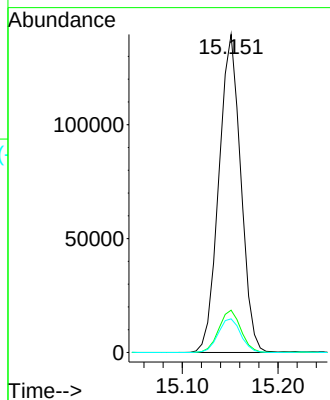
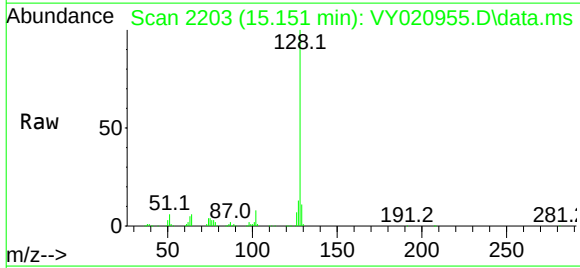
VSTDCCC050EC

Tgt Ion:	128	Resp:	222089
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025
Supervised By :Semsettin Yesilyurt 01/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.137 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020955.D

Acq: 27 Jan 2025 17:57

Tgt Ion:	180	Resp:	109209
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.6
145	31.6	15.7	47.0

