

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020475.D
 Acq On : 02 Dec 2024 10:24
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 02 14:35:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:33:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	155772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	239903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	199039	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.353	152	95193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	86839	54.815	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.620%			
35) Dibromofluoromethane	7.646	113	83085	55.012	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.020%			
50) Toluene-d8	10.115	98	316633	55.057	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.120%			
62) 4-Bromofluorobenzene	12.414	95	108310	53.849	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 107.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	82109	54.038	ug/l	98
3) Chloromethane	2.080	50	81717	53.174	ug/l	96
4) Vinyl Chloride	2.214	62	84139	53.640	ug/l	95
5) Bromomethane	2.611	94	47831	51.970	ug/l	100
6) Chloroethane	2.745	64	49450	51.435	ug/l	97
7) Trichlorofluoromethane	3.074	101	151188	51.463	ug/l	99
8) Diethyl Ether	3.470	74	41546	49.912	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.830	101	85775	50.109	ug/l	98
10) Methyl Iodide	4.019	142	103373	53.794	ug/l	95
11) Tert butyl alcohol	4.878	59	26061	253.592	ug/l #	86
12) 1,1-Dichloroethene	3.806	96	83132	51.410	ug/l	94
13) Acrolein	3.665	56	21623	224.729	ug/l	98
14) Allyl chloride	4.403	41	146862	50.923	ug/l	96
15) Acrylonitrile	5.074	53	90066	259.690	ug/l	99
16) Acetone	3.885	43	113882	289.103	ug/l	99
17) Carbon Disulfide	4.123	76	258579	55.872	ug/l	99
18) Methyl Acetate	4.403	43	43429	51.872	ug/l	99
19) Methyl tert-butyl Ether	5.135	73	211544	51.227	ug/l	99
20) Methylene Chloride	4.635	84	83720	49.961	ug/l	97
21) trans-1,2-Dichloroethene	5.135	96	90361	50.311	ug/l	97
22) Diisopropyl ether	6.031	45	289358	50.455	ug/l	98
23) Vinyl Acetate	5.976	43	800176	263.789	ug/l	99
24) 1,1-Dichloroethane	5.933	63	170029	49.246	ug/l	99
25) 2-Butanone	6.909	43	139484	280.419	ug/l	99
26) 2,2-Dichloropropane	6.903	77	160984	49.297	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	105171	50.149	ug/l	97
28) Bromochloromethane	7.256	49	69292	53.742	ug/l	96
29) Tetrahydrofuran	7.274	42	76324	268.967	ug/l	99
30) Chloroform	7.433	83	173063	48.839	ug/l	95
31) Cyclohexane	7.713	56	155692	49.879	ug/l	93
32) 1,1,1-Trichloroethane	7.634	97	168843	49.484	ug/l	97
36) 1,1-Dichloropropene	7.847	75	131920	51.724	ug/l	99
37) Ethyl Acetate	7.000	43	52541	51.999	ug/l	98
38) Carbon Tetrachloride	7.829	117	155722	51.157	ug/l	97
39) Methylcyclohexane	9.116	83	166363	52.566	ug/l	97
40) Benzene	8.091	78	380413	50.588	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	32093	29.260	ug/l	98
42) 1,2-Dichloroethane	8.171	62	102637	51.944	ug/l	99
43) Isopropyl Acetate	8.207	43	108207	53.033	ug/l	97
44) Trichloroethene	8.872	130	93065	50.203	ug/l	99
45) 1,2-Dichloropropane	9.146	63	86411	49.106	ug/l	99
46) Dibromomethane	9.237	93	44234	50.770	ug/l	98
47) Bromodichloromethane	9.433	83	127504	49.671	ug/l	98
48) Methyl methacrylate	9.231	41	50583	53.165	ug/l	96
49) 1,4-Dioxane	9.244	88	9081	1090.417	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	270025	267.981	ug/l	99
52) Toluene	10.176	92	238703	50.878	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	118994	51.634	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	139317	51.152	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	59217	50.951	ug/l	98
56) Ethyl methacrylate	10.445	69	88660	53.914	ug/l	94
57) 1,3-Dichloropropane	10.725	76	106282	51.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	239007	310.414	ug/l	97
59) 2-Hexanone	10.768	43	206410	283.955	ug/l	98
60) Dibromochloromethane	10.920	129	83049	51.325	ug/l	99
61) 1,2-Dibromoethane	11.024	107	54480	51.259	ug/l	99
64) Tetrachloroethene	10.652	164	83677	49.754	ug/l	97
65) Chlorobenzene	11.450	112	245417	49.192	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	86377	48.819	ug/l	98
67) Ethyl Benzene	11.524	91	466609	49.897	ug/l	100
68) m/p-Xylenes	11.633	106	337704	98.621	ug/l	97
69) o-Xylene	11.963	106	160324	49.976	ug/l	99
70) Styrene	11.975	104	268033	50.080	ug/l	99
71) Bromoform	12.139	173	45872	50.993	ug/l #	99
73) Isopropylbenzene	12.261	105	435110	47.241	ug/l	99
74) N-amyl acetate	12.078	43	94663	52.438	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	65184	49.213	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	40109m	22.311	ug/l	
77) Bromobenzene	12.542	156	91501	47.972	ug/l	98
78) n-propylbenzene	12.603	91	520871	47.765	ug/l	99
79) 2-Chlorotoluene	12.688	91	290546	47.218	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	352940	47.818	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	23979	50.738	ug/l	97
82) 4-Chlorotoluene	12.786	91	298495	47.536	ug/l	98
83) tert-Butylbenzene	13.005	119	315064	47.214	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	343348	47.860	ug/l	100
85) sec-Butylbenzene	13.182	105	452869	47.354	ug/l	99
86) p-Isopropyltoluene	13.298	119	378563	47.902	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	175749	47.777	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	172249	47.832	ug/l	100
89) n-Butylbenzene	13.627	91	352227	48.055	ug/l	99
90) Hexachloroethane	13.889	117	72237	46.902	ug/l	97
91) 1,2-Dichlorobenzene	13.670	146	150345	48.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10309	51.412	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	87676	49.983	ug/l	100
94) Hexachlorobutadiene	15.029	225	61454	50.079	ug/l	98
95) Naphthalene	15.151	128	152909	53.869	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	72218	51.023	ug/l	99

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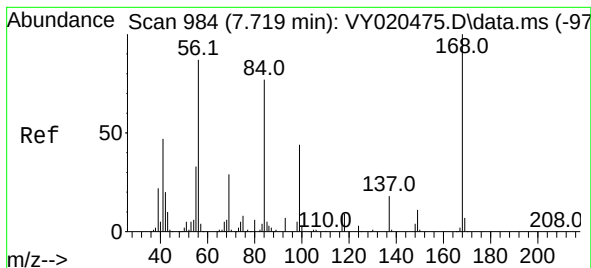
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Dec 02 14:33:38 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 984

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:168 Resp: 155772

Ion Ratio Lower Upper

168 100

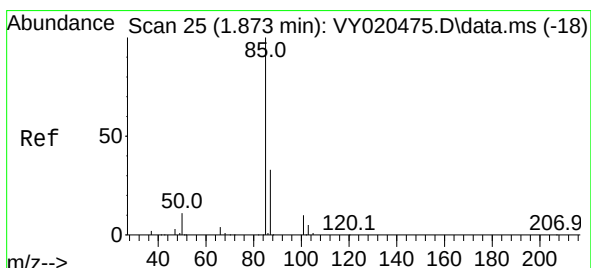
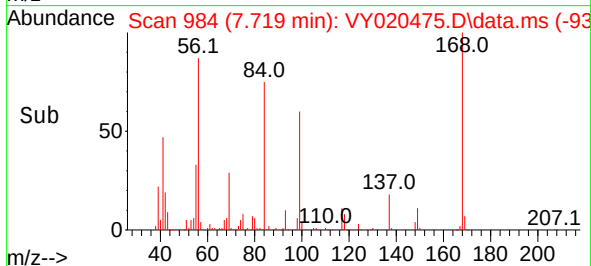
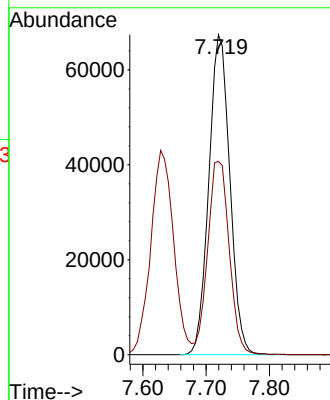
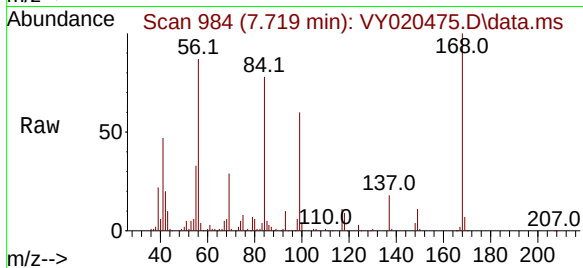
99 60.3 46.6 69.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/03/2024



#2

Dichlorodifluoromethane

Concen: 54.038 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.006 min

Lab File: VY020475.D

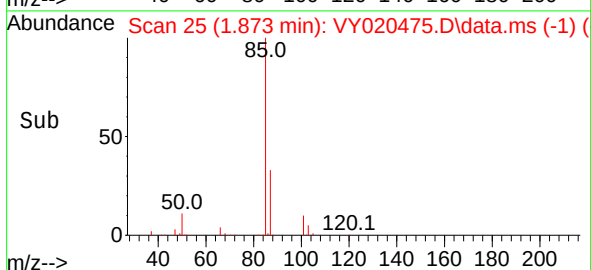
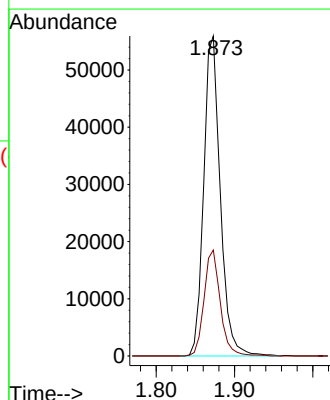
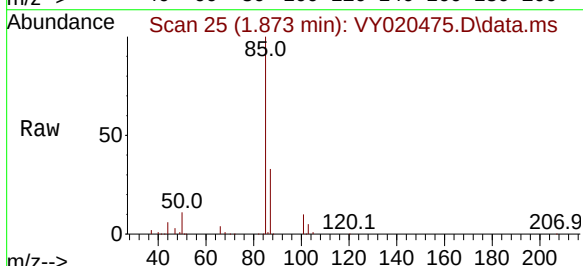
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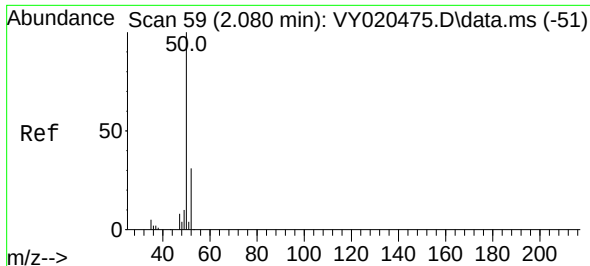
Tgt Ion: 85 Resp: 82109

Ion Ratio Lower Upper

85 100

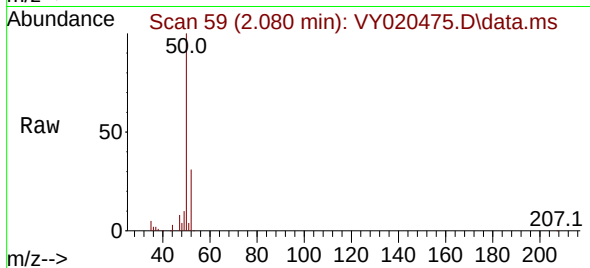
87 33.1 16.1 48.2





#3
Chloromethane
Concen: 53.174 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

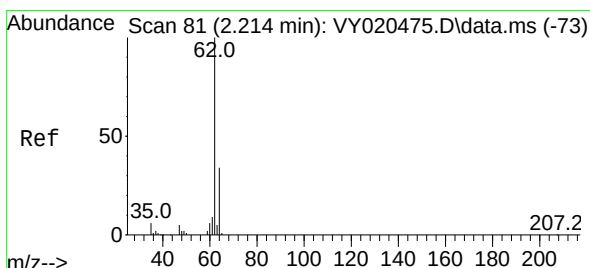
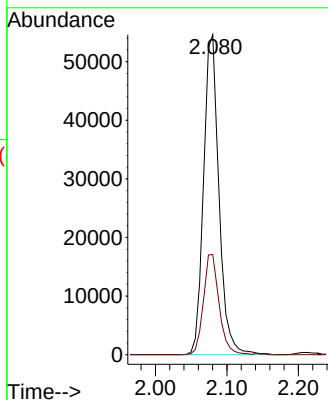
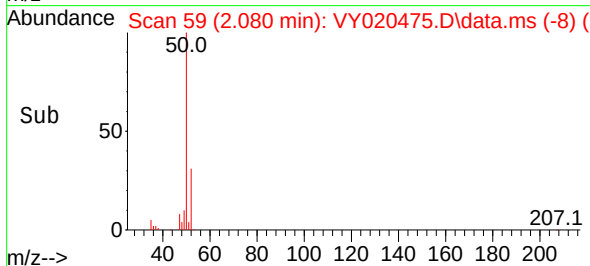
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 8171
Ion Ratio Lower Upper
50 100
52 31.3 26.9 40.3

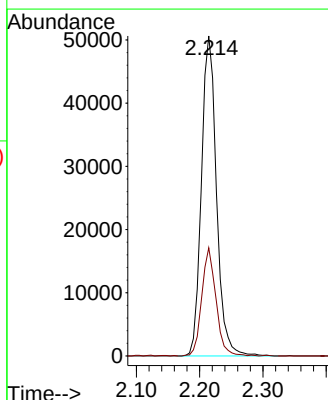
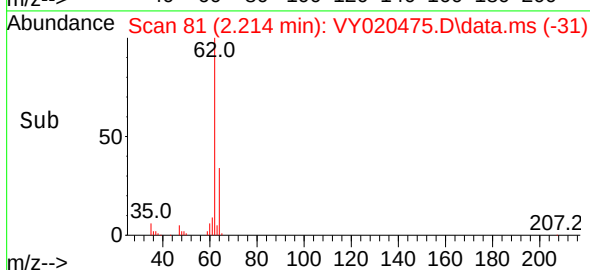
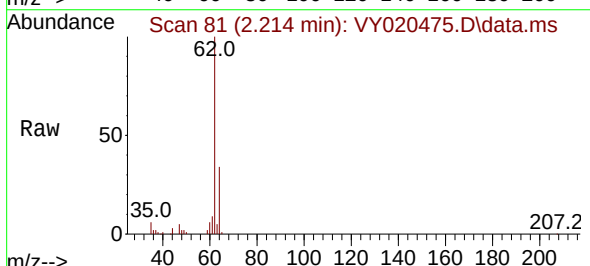
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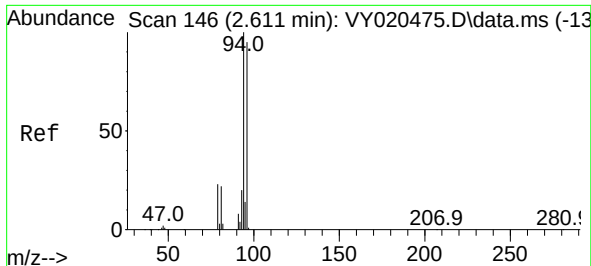
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#4
Vinyl Chloride
Concen: 53.640 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

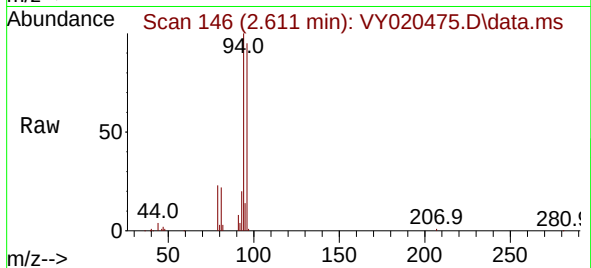
Tgt Ion: 62 Resp: 84139
Ion Ratio Lower Upper
62 100
64 33.8 24.7 37.1





#5
Bromomethane
Concen: 51.970 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

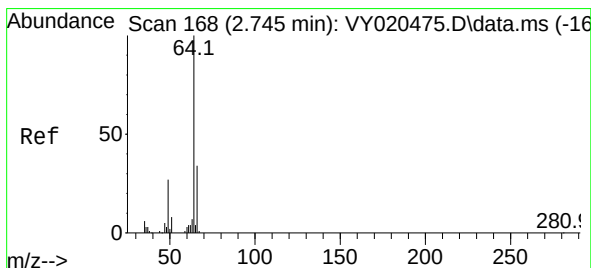
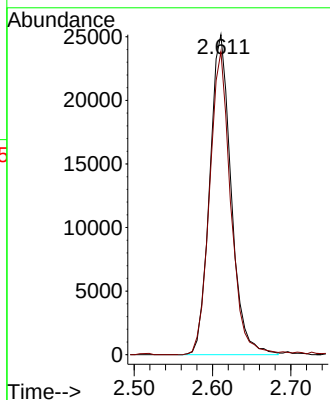
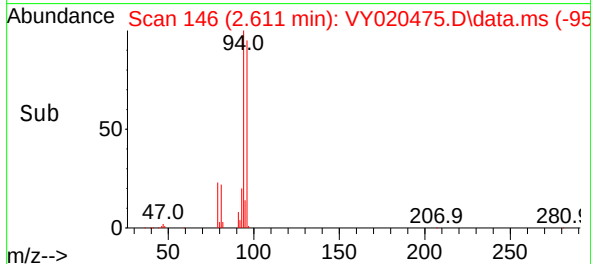
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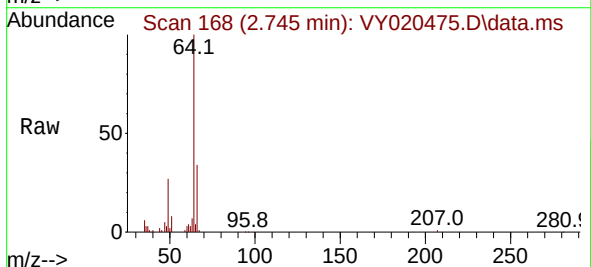
Tgt Ion: 94 Resp: 4783
Ion Ratio Lower Upper
94 100
96 94.7 75.4 113.2

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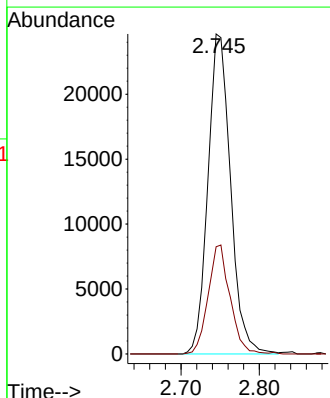
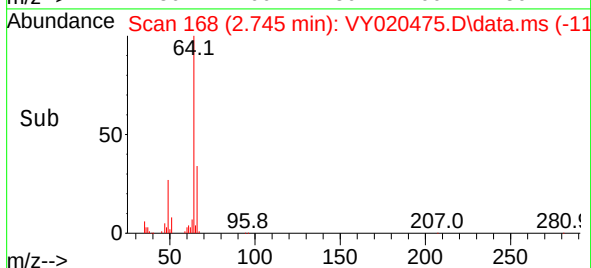
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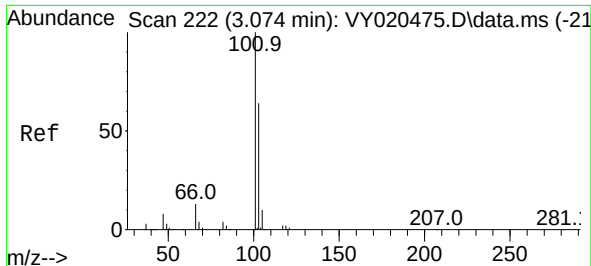


#6
Chloroethane
Concen: 51.435 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24



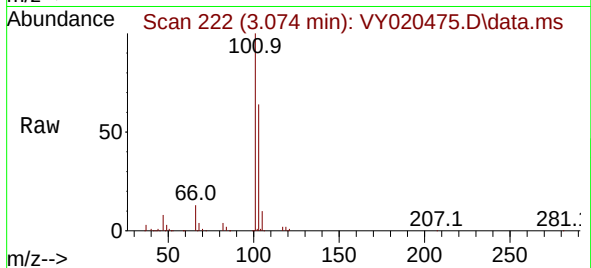
Tgt Ion: 64 Resp: 49450
Ion Ratio Lower Upper
64 100
66 33.5 25.7 38.5





#7
Trichlorofluoromethane
Concen: 51.463 ug/l
RT: 3.074 min Scan# 222
Delta R.T. 0.012 min
Lab File: VY020475.D
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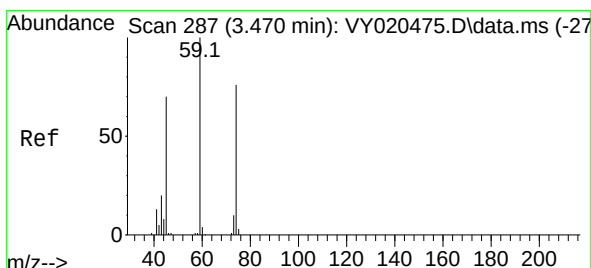
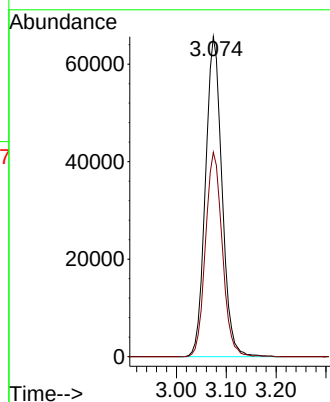
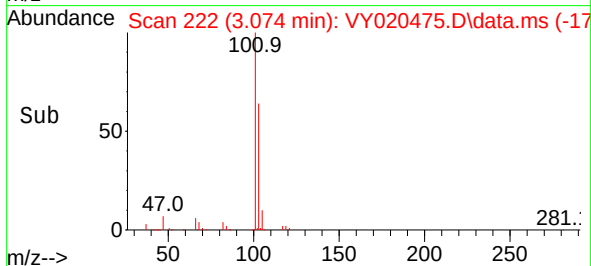
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 15118
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

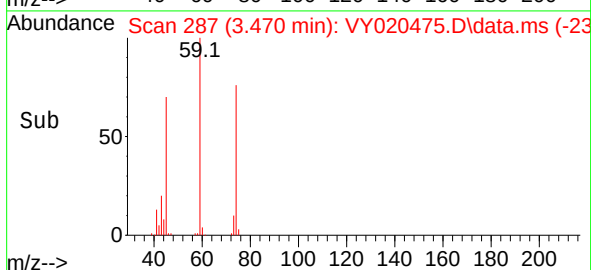
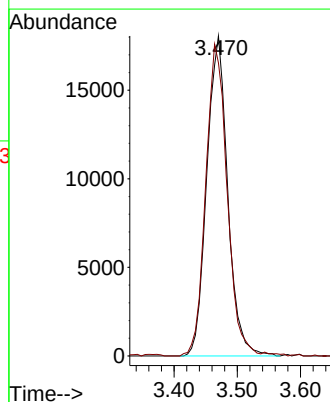
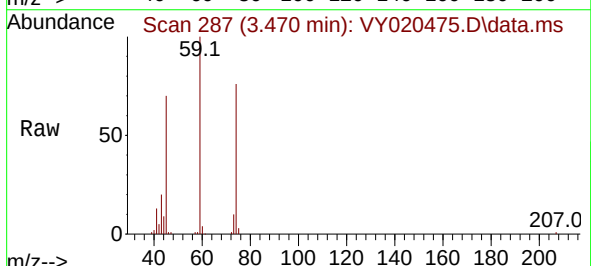
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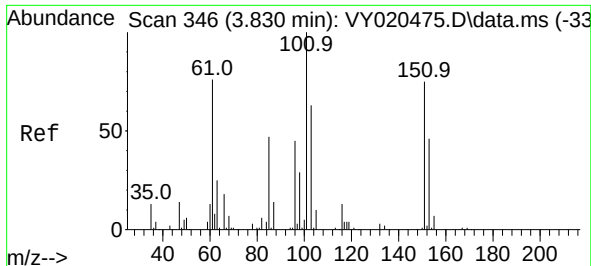
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#8
Diethyl Ether
Concen: 49.912 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion: 74 Resp: 41546
Ion Ratio Lower Upper
74 100
45 99.5 53.6 160.8





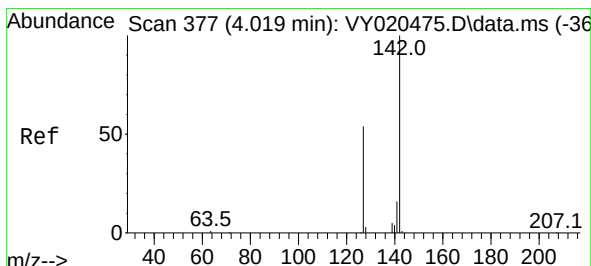
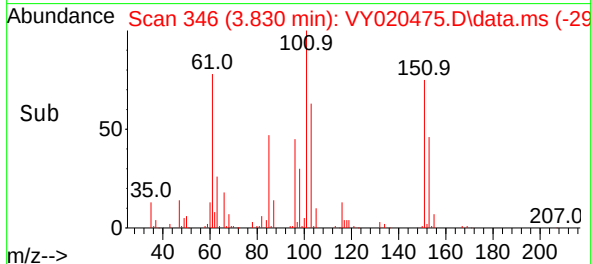
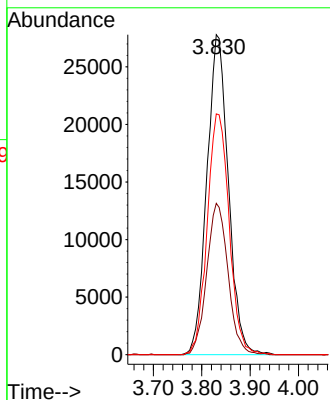
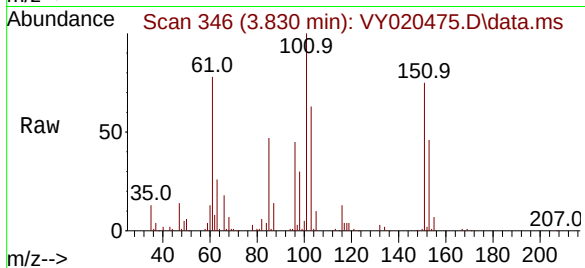
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.109 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 85779
Ion Ratio Lower Upper
101 100
85 47.0 38.0 57.0
151 77.0 59.6 89.4

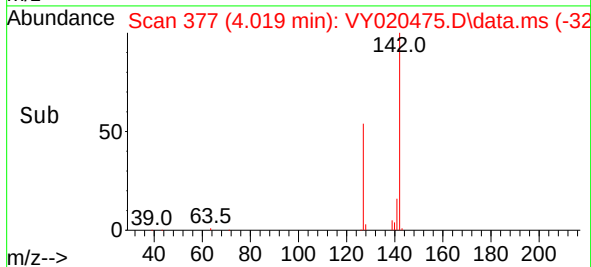
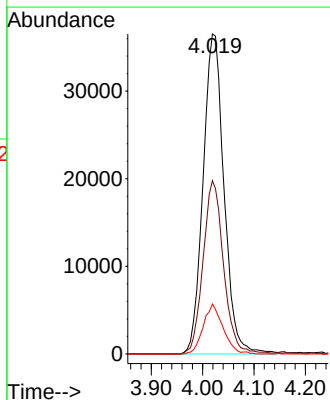
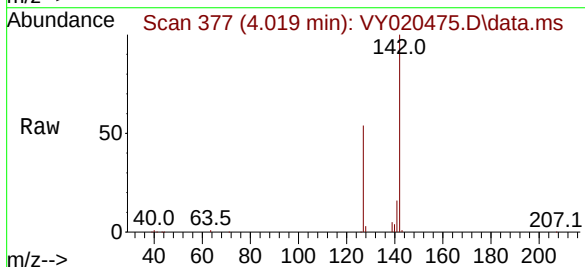
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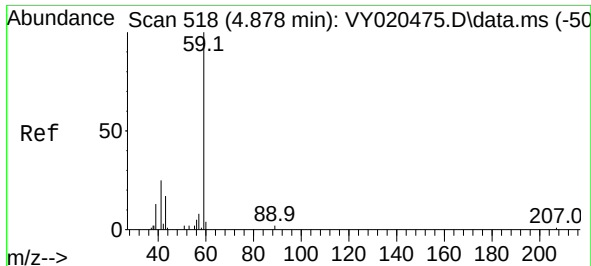
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#10
Methyl Iodide
Concen: 53.794 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

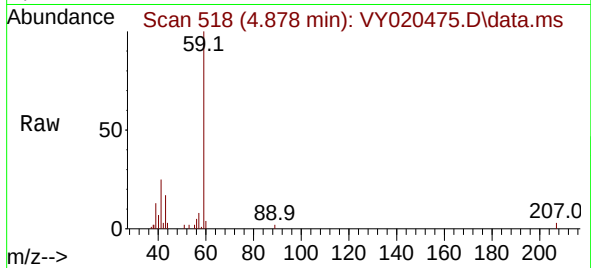
Tgt Ion:142 Resp: 103373
Ion Ratio Lower Upper
142 100
127 52.9 38.9 58.3
141 14.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 253.592 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

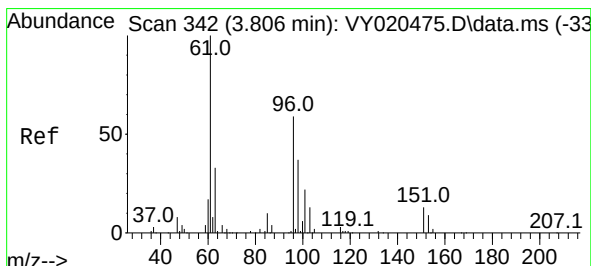
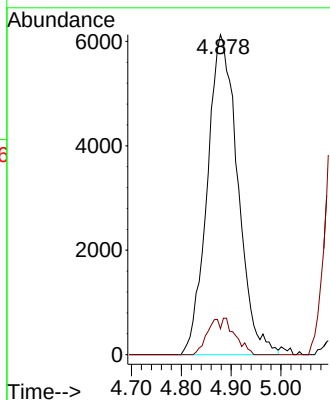
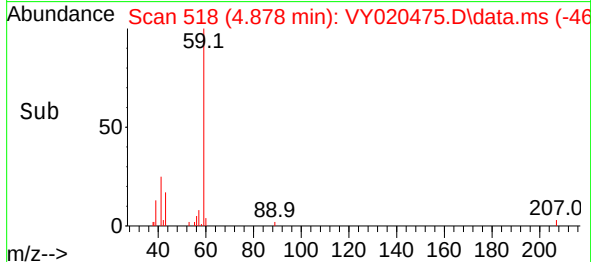
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 2606
Ion Ratio Lower Upper
59 100
57 5.0 8.2 12.2

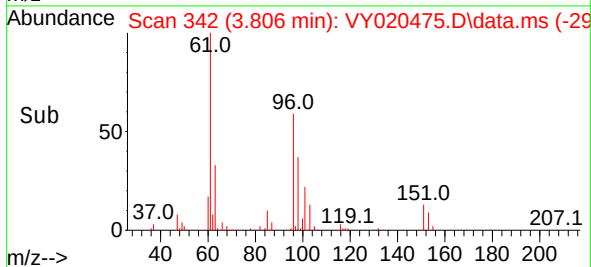
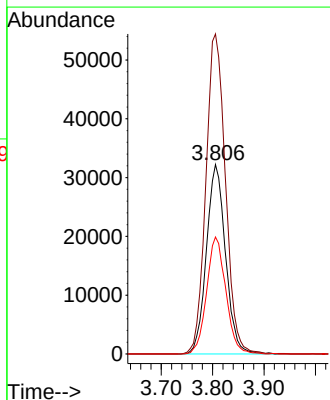
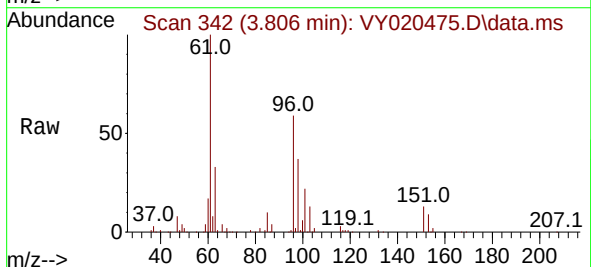
Manual Integrations
APPROVED

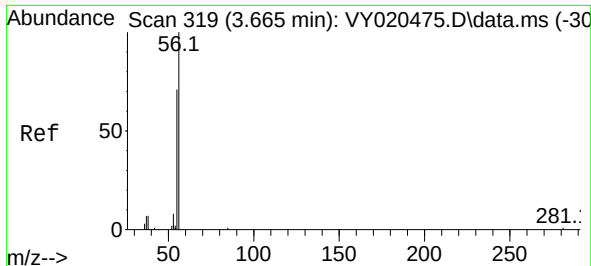
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#12
1,1-Dichloroethene
Concen: 51.410 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

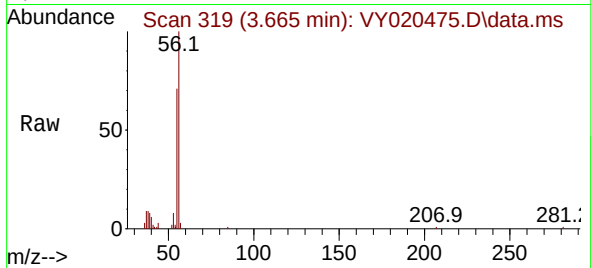
Tgt Ion: 96 Resp: 83132
Ion Ratio Lower Upper
96 100
61 168.9 143.3 214.9
98 61.7 49.8 74.8





#13
Acrolein
Concen: 224.729 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

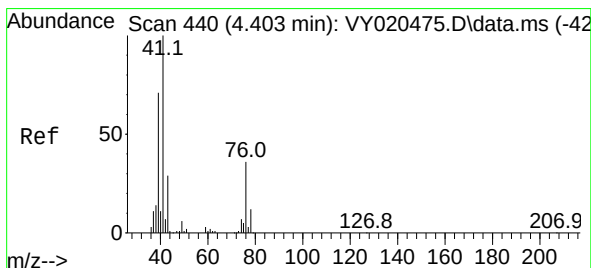
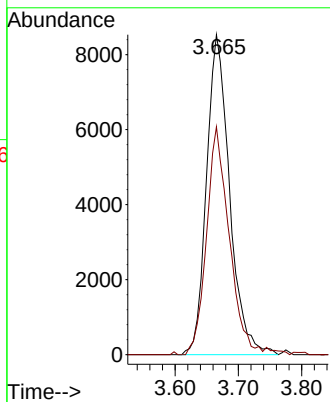
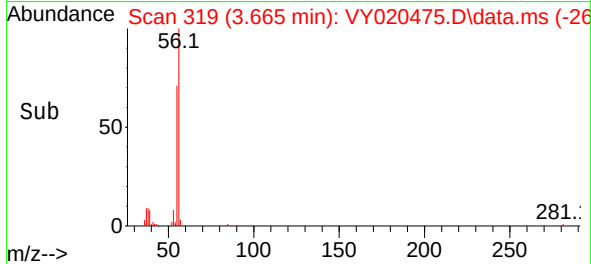
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 21623
Ion Ratio Lower Upper
56 100
55 70.8 57.7 86.5

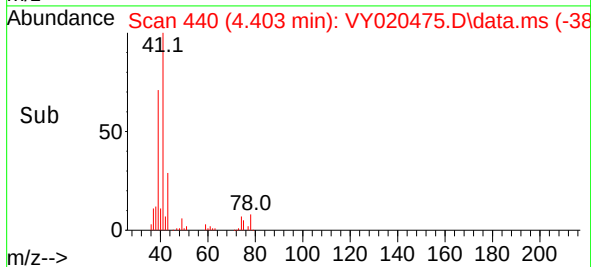
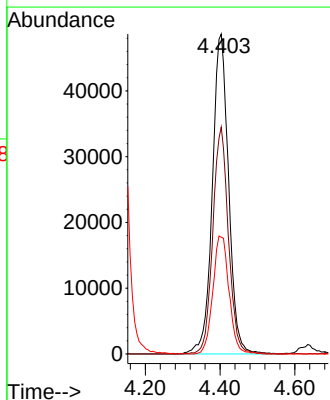
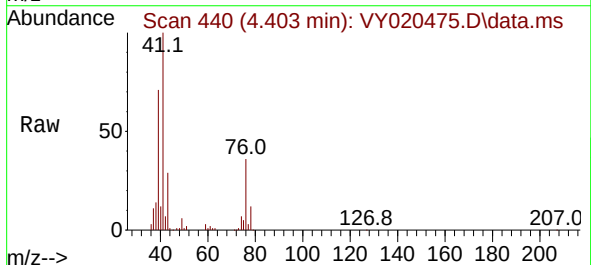
Manual Integrations
APPROVED

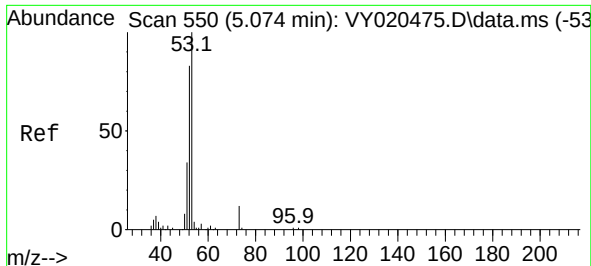
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#14
Allyl chloride
Concen: 50.923 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion: 41 Resp: 146862
Ion Ratio Lower Upper
41 100
39 68.1 58.8 88.2
76 36.7 29.7 44.5





#15

Acrylonitrile

Concen: 259.690 ug/l

RT: 5.074 min Scan# 550

Delta R.T. 0.012 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

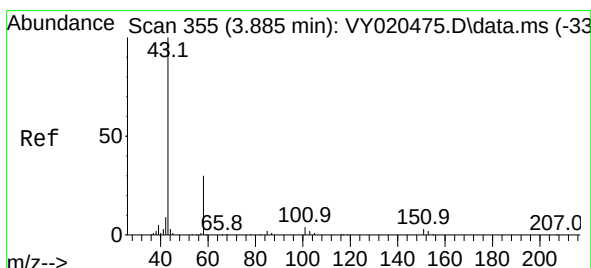
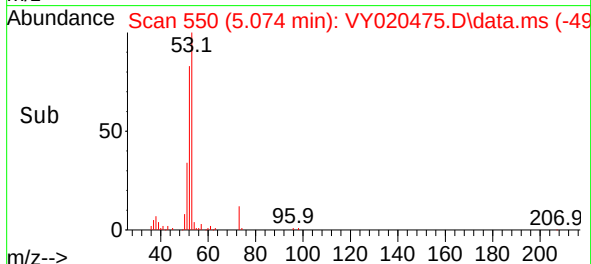
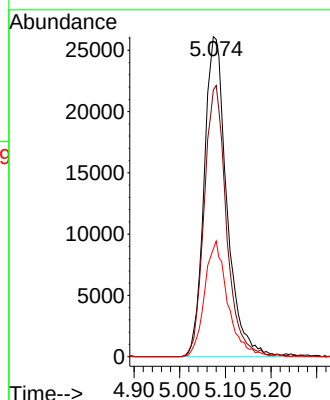
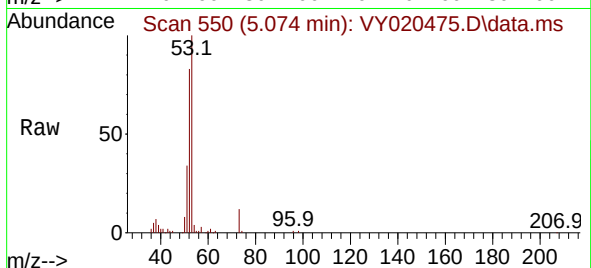
VSTDICCC050

Tgt Ion: 53	Resp: 9006
Ion Ratio	Lower Upper
53	100
52	82.7 65.2 97.8
51	36.8 30.2 45.4

Manual Integrations

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Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#16

Acetone

Concen: 289.103 ug/l

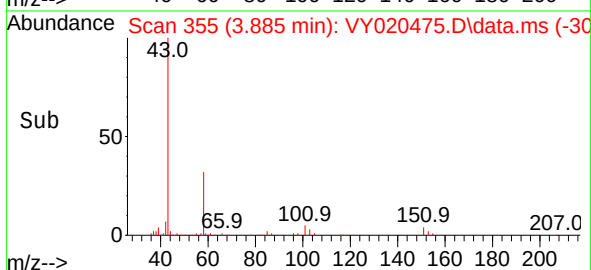
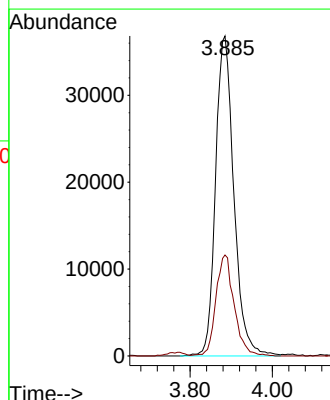
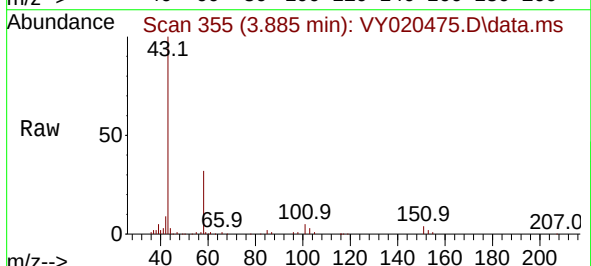
RT: 3.885 min Scan# 355

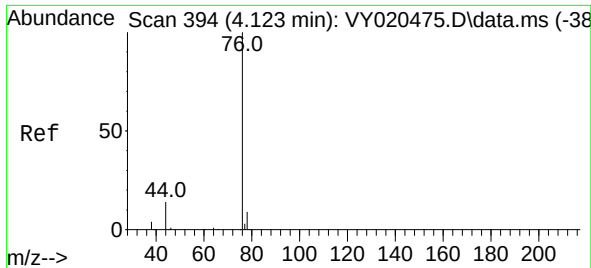
Delta R.T. 0.012 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

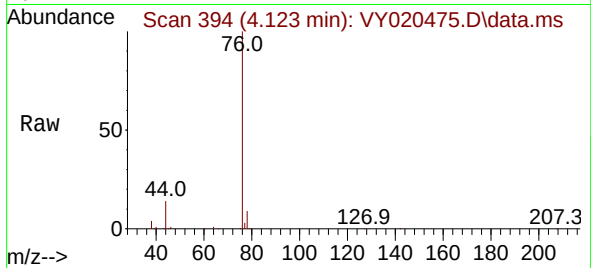
Tgt Ion: 43	Resp: 113882
Ion Ratio	Lower Upper
43	100
58	31.5 25.7 38.5





#17
Carbon Disulfide
Concen: 55.872 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

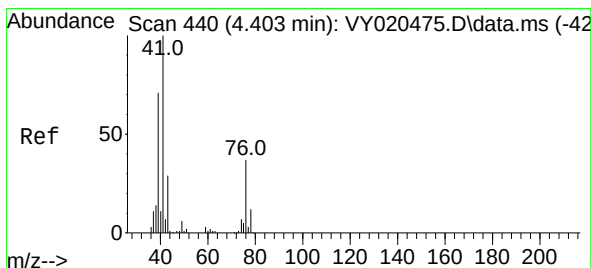
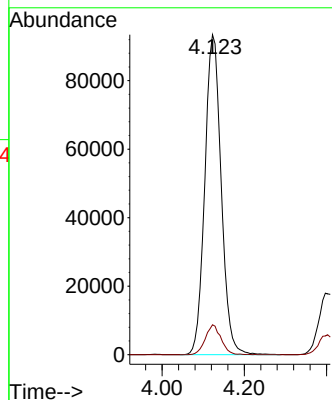
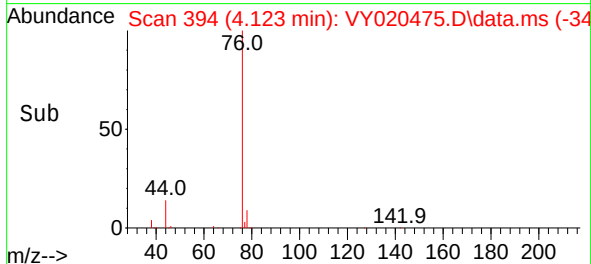
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 258579
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

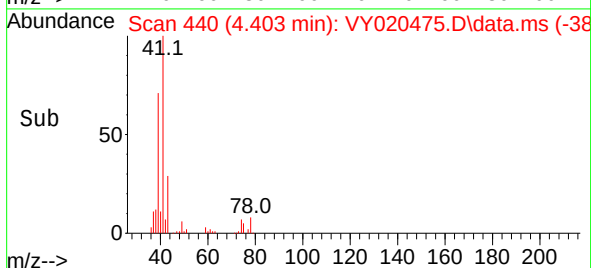
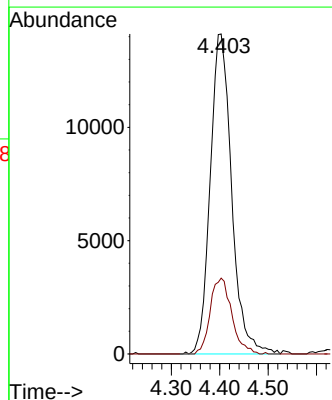
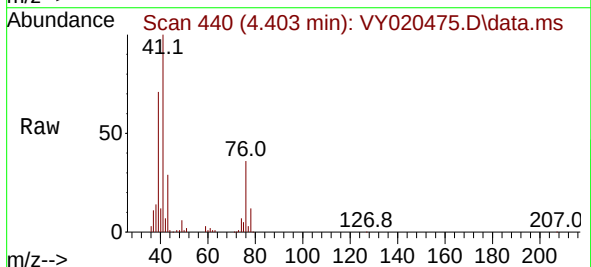
Manual Integrations
APPROVED

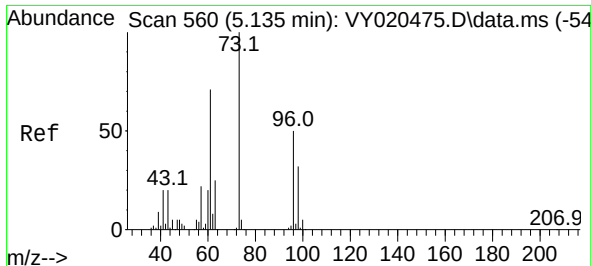
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#18
Methyl Acetate
Concen: 51.872 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

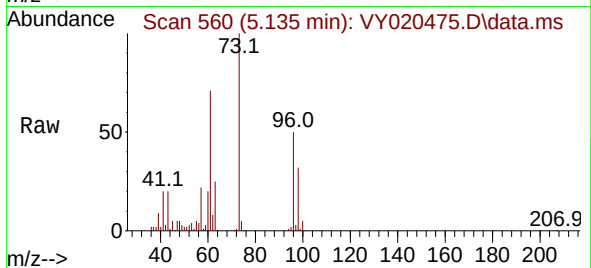
Tgt Ion: 43 Resp: 43429
Ion Ratio Lower Upper
43 100
74 23.8 18.6 27.8





#19
Methyl tert-butyl Ether
Concen: 51.227 ug/l
RT: 5.135 min Scan# 560
Delta R.T. 0.018 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

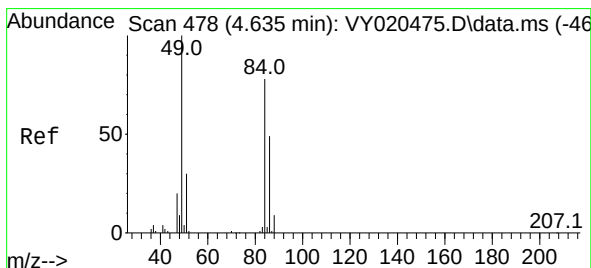
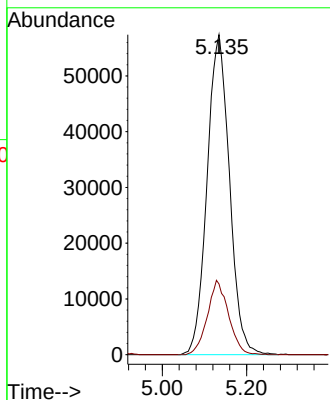
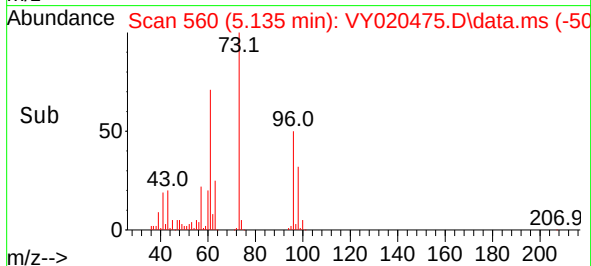
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



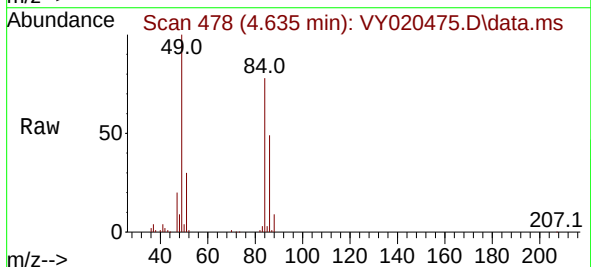
Tgt Ion: 73 Resp: 21154
Ion Ratio Lower Upper
73 100
57 22.1 18.0 27.0

Manual Integrations
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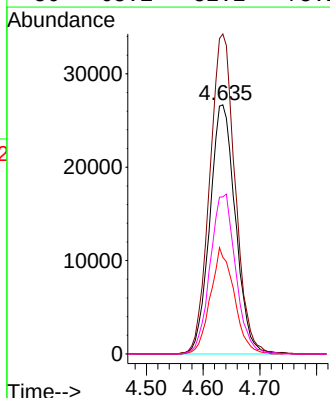
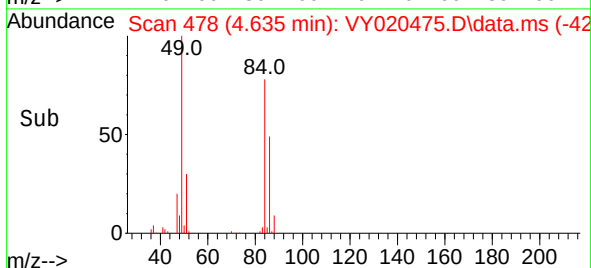
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

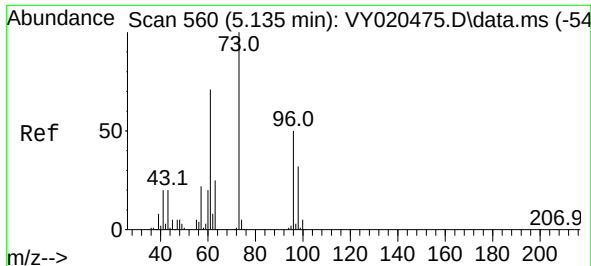


#20
Methylene Chloride
Concen: 49.961 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.018 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24



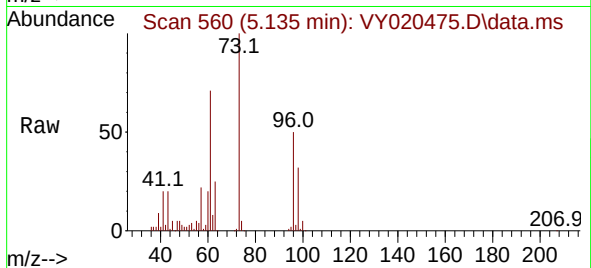
Tgt Ion: 84 Resp: 83720
Ion Ratio Lower Upper
84 100
49 128.5 104.7 157.1
51 38.8 33.4 50.0
86 63.1 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 50.311 ug/l
RT: 5.135 min Scan# 560
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

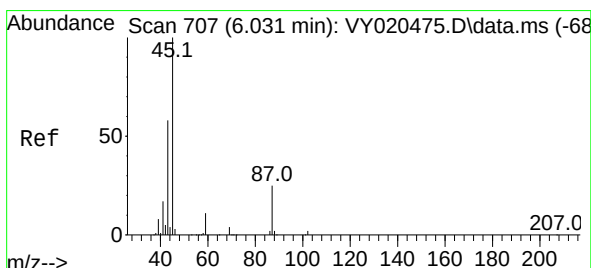
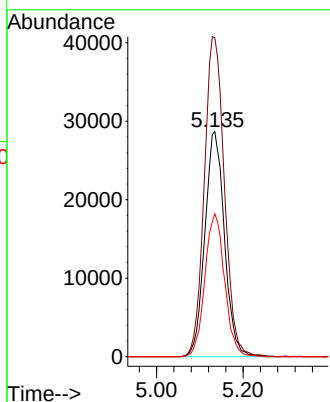
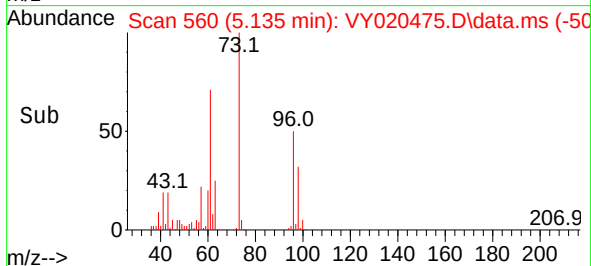
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 9036
Ion Ratio Lower Upper
96 100
61 141.8 111.6 167.4
98 63.5 46.7 70.1

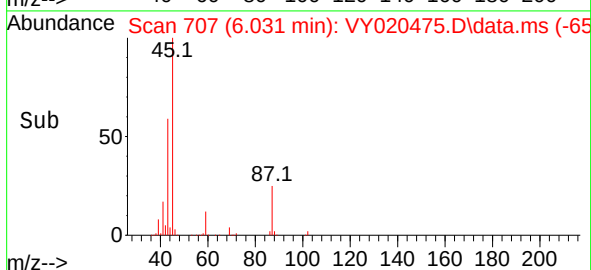
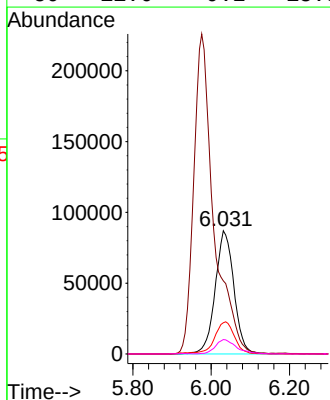
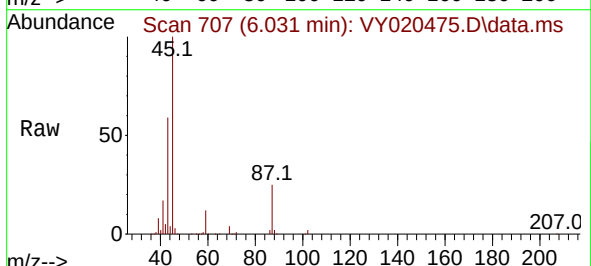
Manual Integrations
APPROVED

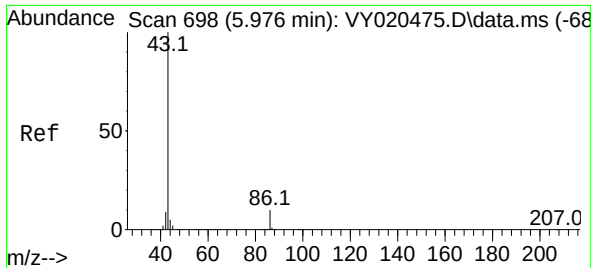
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#22
Diisopropyl ether
Concen: 50.455 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

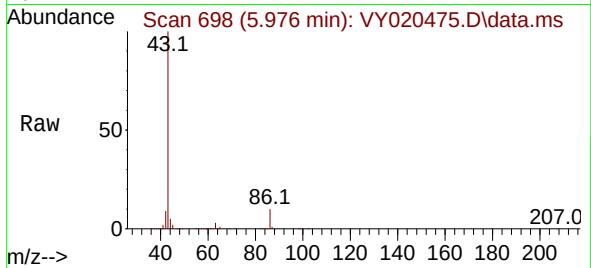
Tgt Ion: 45 Resp: 289358
Ion Ratio Lower Upper
45 100
43 58.6 44.8 67.2
87 25.2 20.6 30.8
59 11.6 9.2 13.8





#23
 Vinyl Acetate
 Concen: 263.789 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.012 min
 Lab File: VY020475.D
 Acq: 02 Dec 2024 10:24

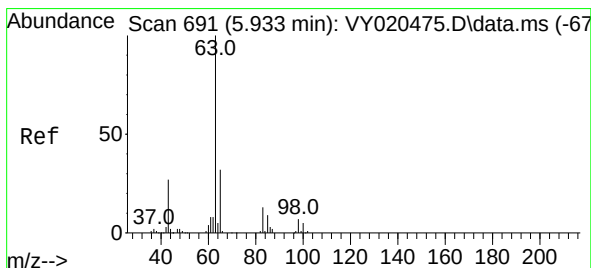
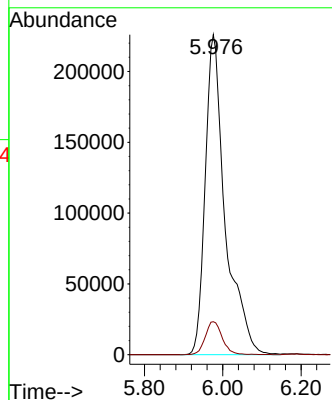
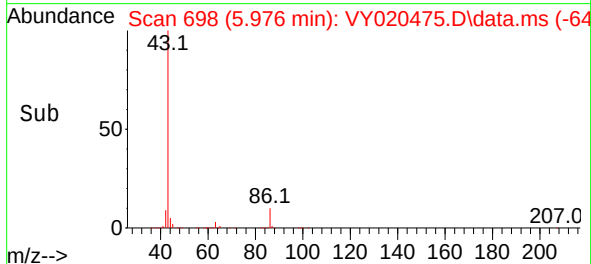
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



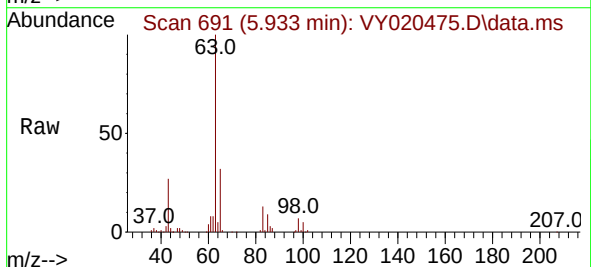
Tgt Ion: 43 Resp: 800170
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.0 12.0

Manual Integrations
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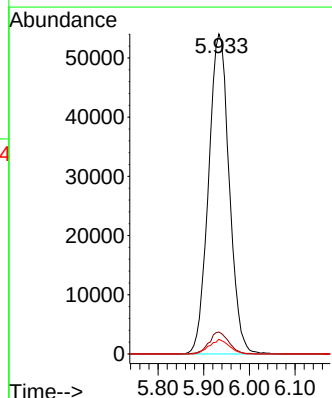
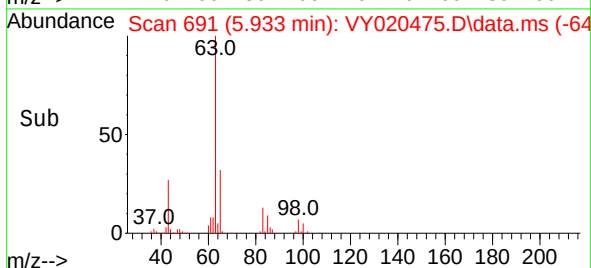
Reviewed By :Romaben Patel 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

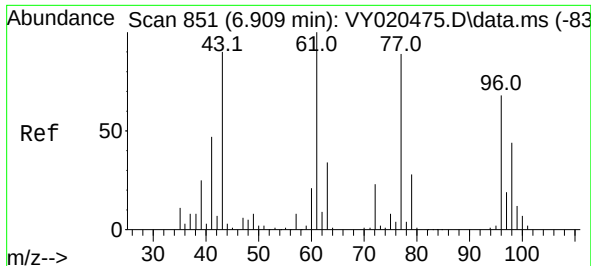


#24
 1,1-Dichloroethane
 Concen: 49.246 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY020475.D
 Acq: 02 Dec 2024 10:24



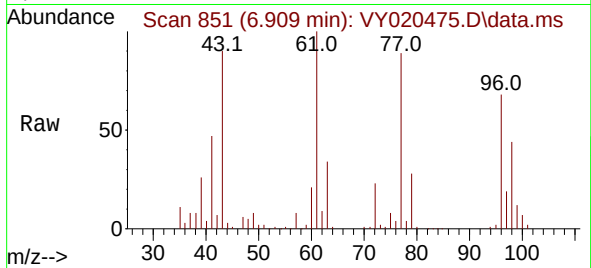
Tgt Ion: 63 Resp: 170029
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.6 2.0 5.8





#25
2-Butanone
Concen: 280.419 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

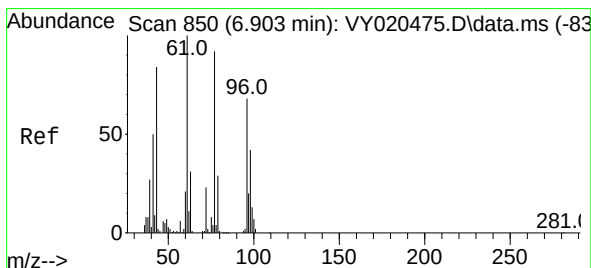
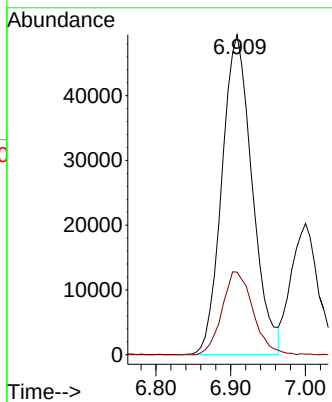
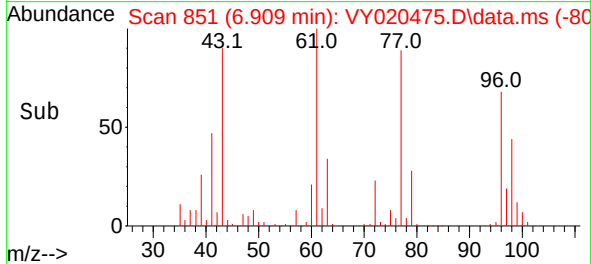
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



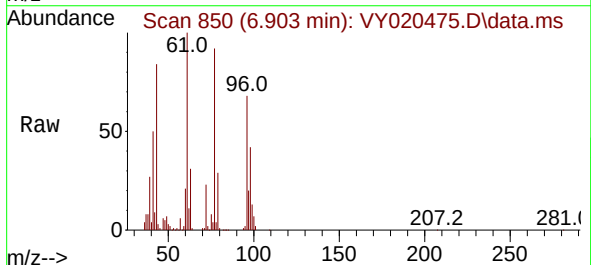
Tgt Ion: 43 Resp: 139484
Ion Ratio Lower Upper
43 100
72 25.8 20.4 30.6

Manual Integrations
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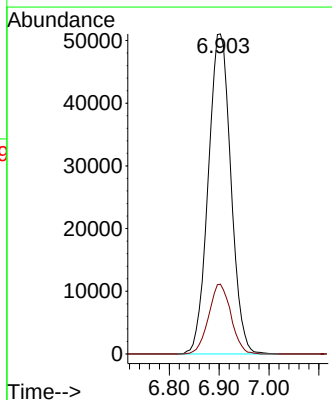
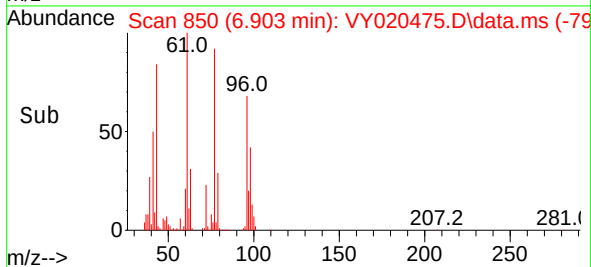
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

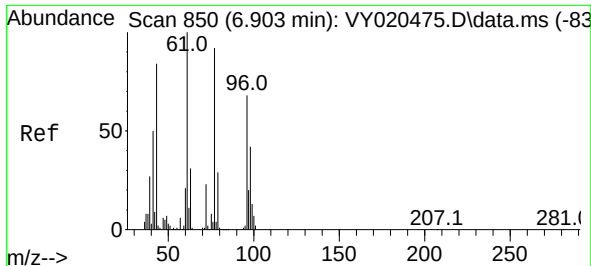


#26
2,2-Dichloropropane
Concen: 49.297 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.018 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24



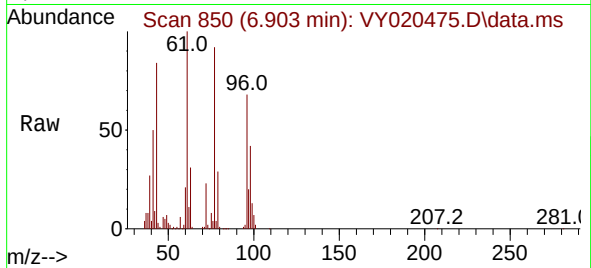
Tgt Ion: 77 Resp: 160984
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 50.149 ug/l
 RT: 6.903 min Scan# 850
 Delta R.T. 0.006 min
 Lab File: VY020475.D
 Acq: 02 Dec 2024 10:24

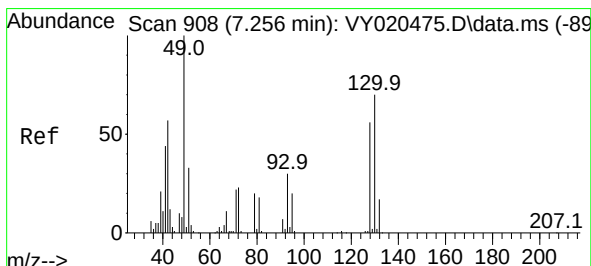
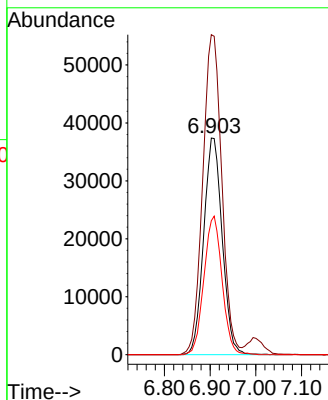
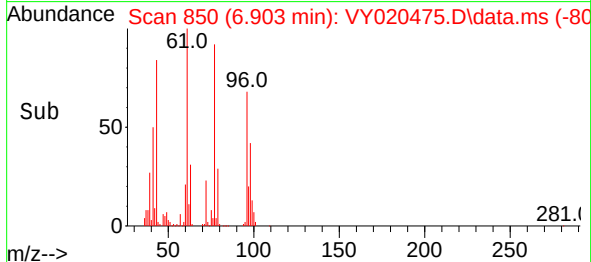
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 10517
 Ion Ratio Lower Upper
 96 100
 61 151.8 0.0 312.4
 98 62.6 0.0 126.8

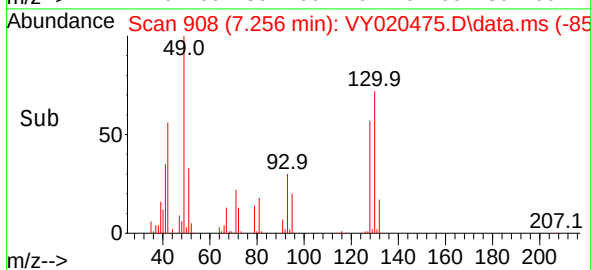
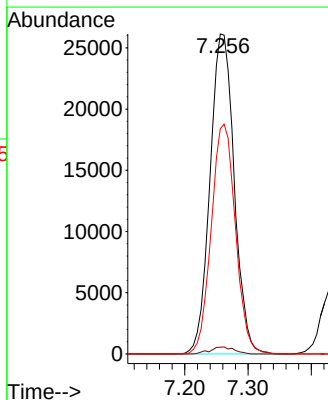
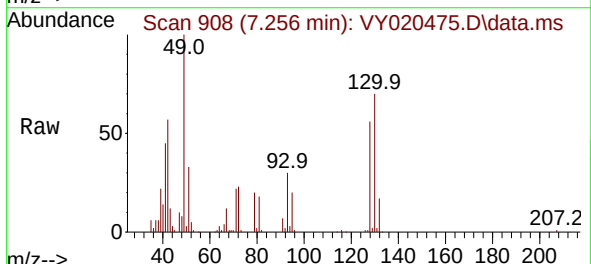
Manual Integrations
 APPROVED

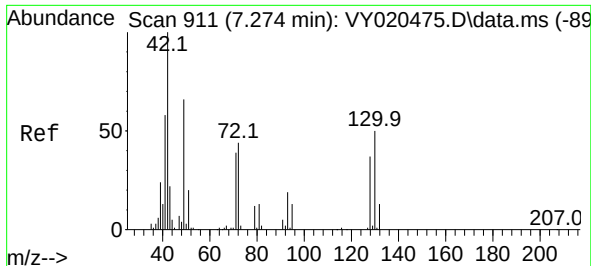
Reviewed By :Romaben Patel 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024



#28
 Bromochloromethane
 Concen: 53.742 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY020475.D
 Acq: 02 Dec 2024 10:24

Tgt Ion: 49 Resp: 69292
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 71.8 55.0 82.6





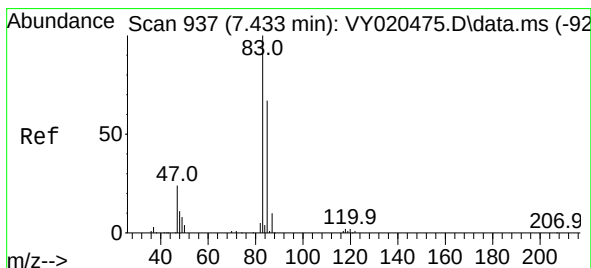
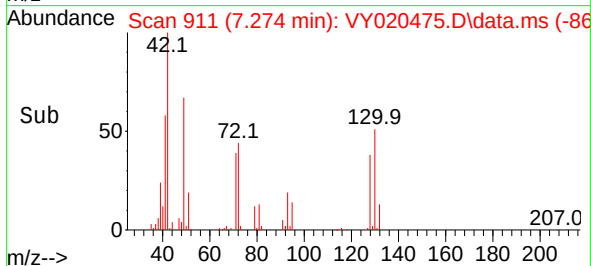
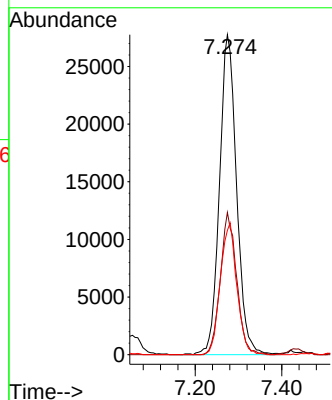
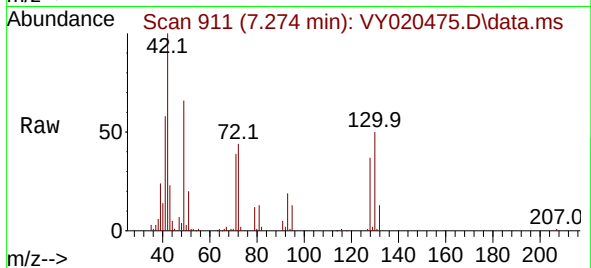
#29
Tetrahydrofuran
Concen: 268.967 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 76324
Ion Ratio Lower Upper
42 100
72 42.4 33.4 50.0
71 39.7 31.9 47.9

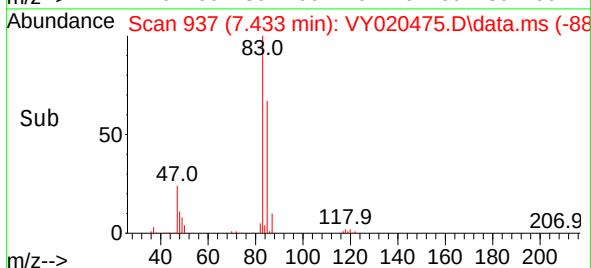
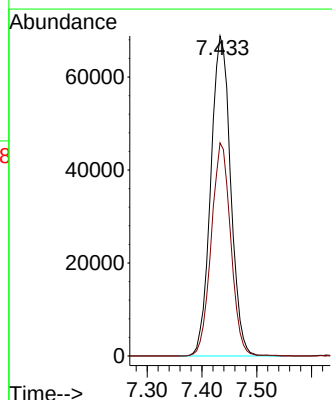
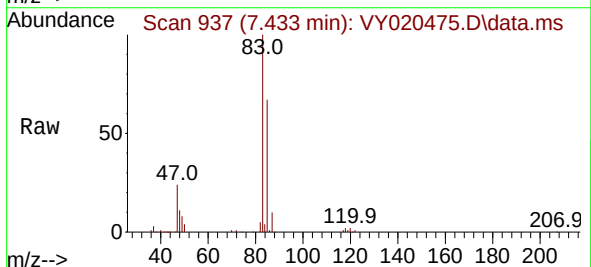
Manual Integrations
APPROVED

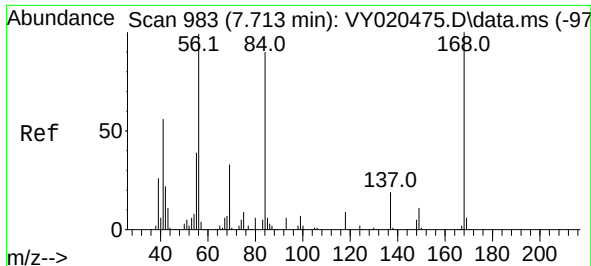
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#30
Chloroform
Concen: 48.839 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

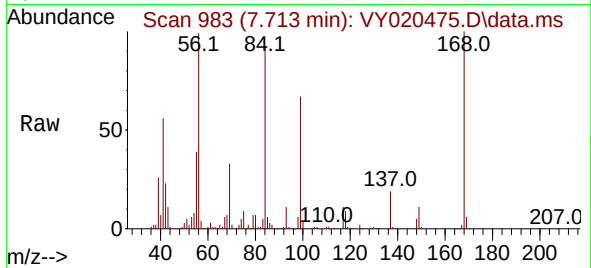
Tgt Ion: 83 Resp: 173063
Ion Ratio Lower Upper
83 100
85 66.6 50.3 75.5





#31
Cyclohexane
Concen: 49.879 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

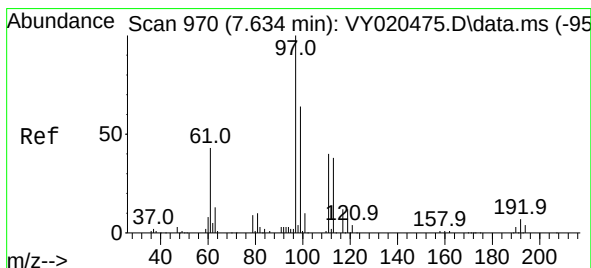
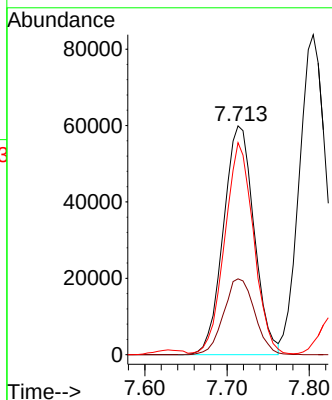
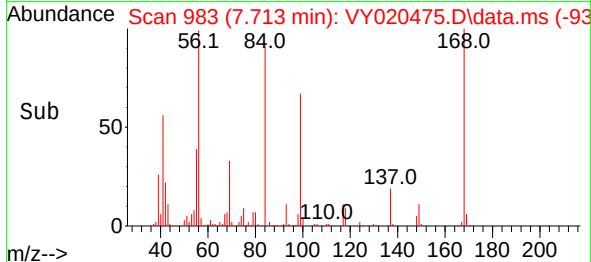
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



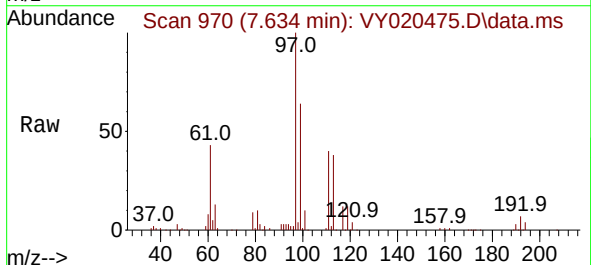
Tgt Ion: 56 Resp: 155692
Ion Ratio Lower Upper
56 100
69 33.2 25.3 37.9
84 90.9 66.9 100.3

Manual Integrations
APPROVED

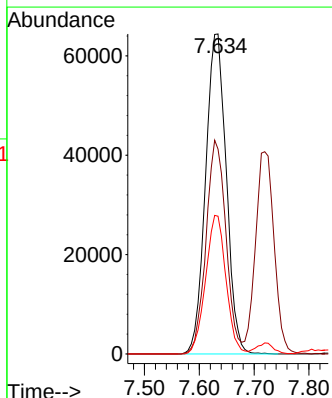
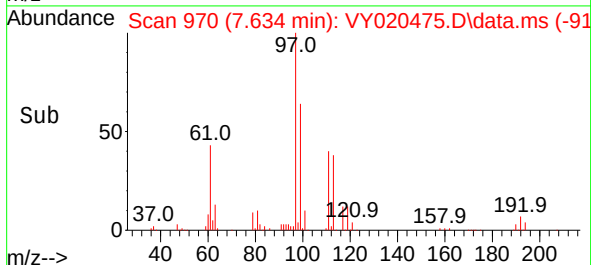
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

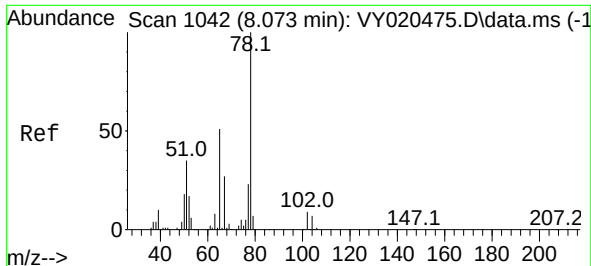


#32
1,1,1-Trichloroethane
Concen: 49.484 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24



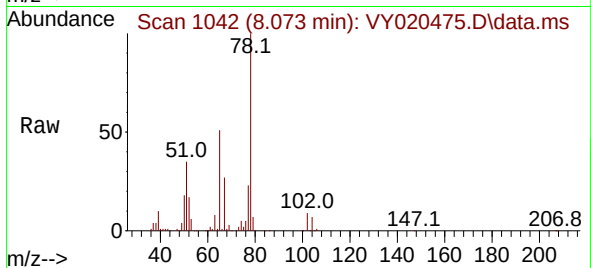
Tgt Ion: 97 Resp: 168843
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 42.6 37.1 55.7





#33
1,2-Dichloroethane-d4
Concen: 54.815 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

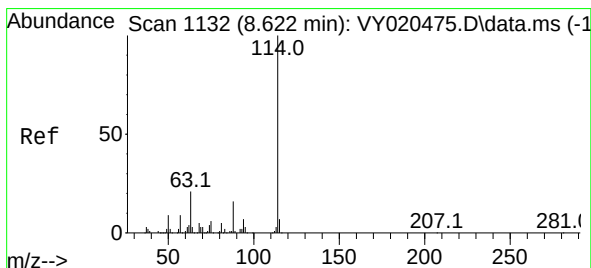
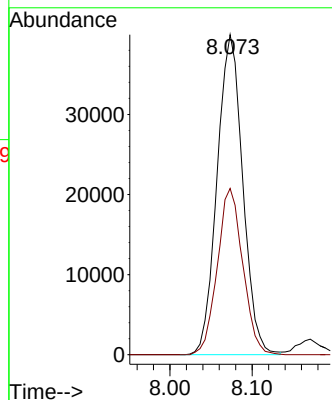
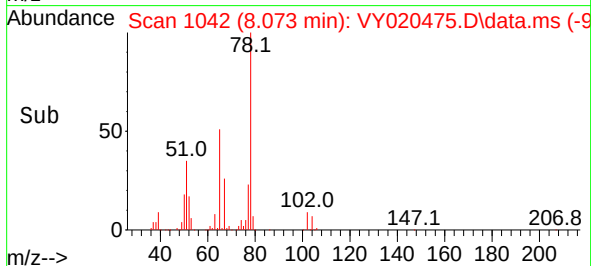
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



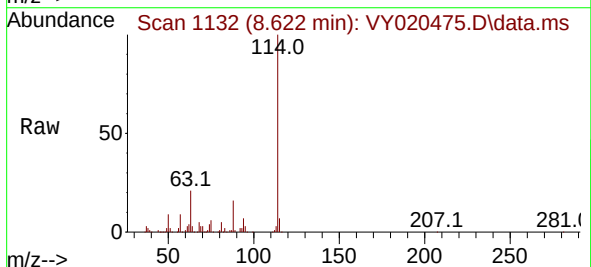
Tgt Ion: 65 Resp: 86839
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.8

Manual Integrations
APPROVED

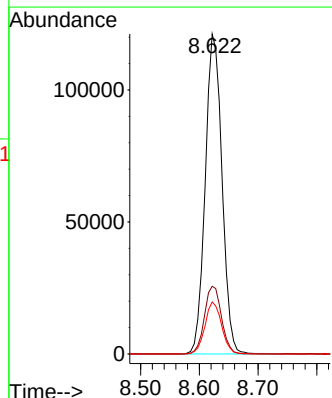
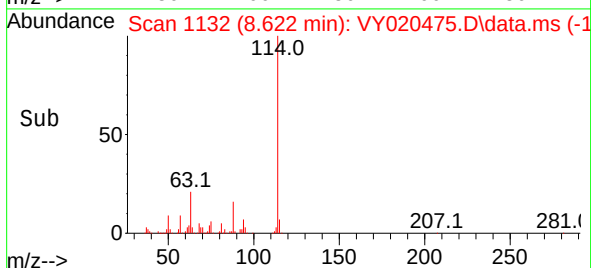
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

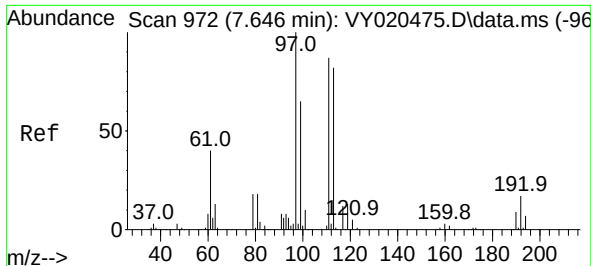


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24



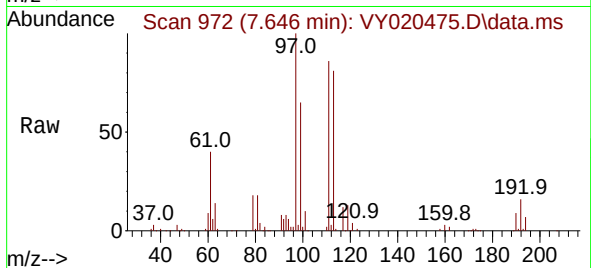
Tgt Ion:114 Resp: 239903
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.8
88 16.2 0.0 32.0





#35
Dibromofluoromethane
Concen: 55.012 ug/l
RT: 7.646 min Scan# 912
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

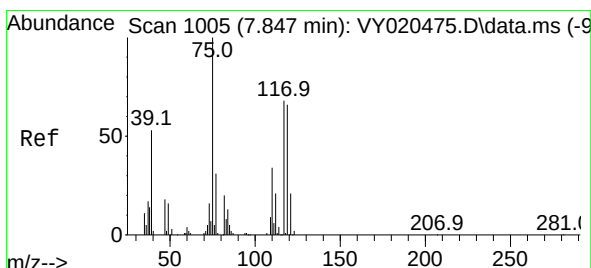
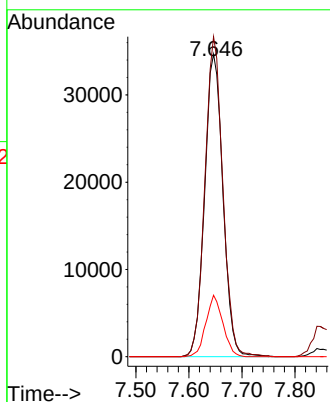
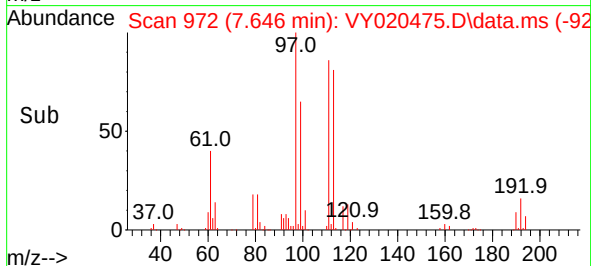
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



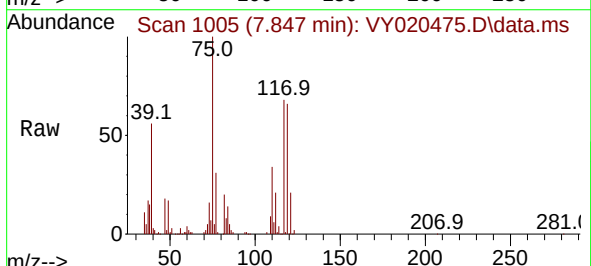
Tgt Ion:113 Resp: 83085
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 18.9 15.1 22.7

Manual Integrations
APPROVED

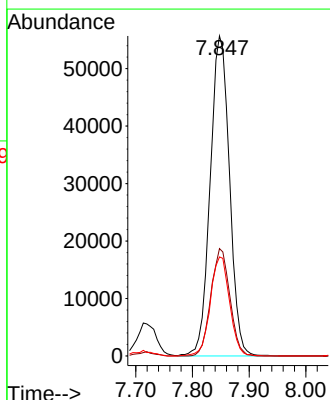
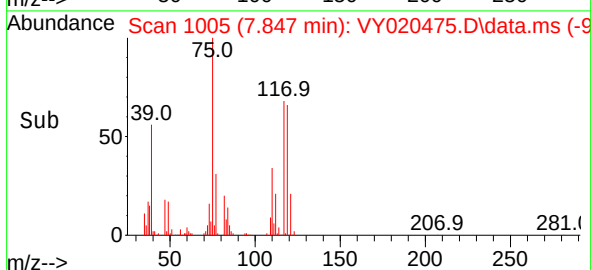
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

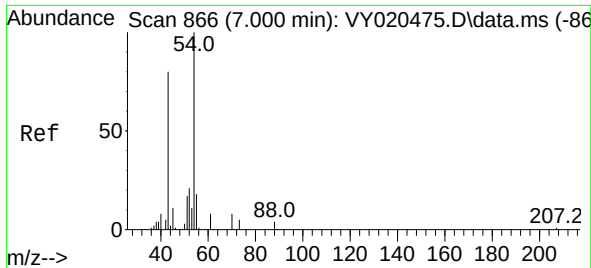


#36
1,1-Dichloropropene
Concen: 51.724 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24



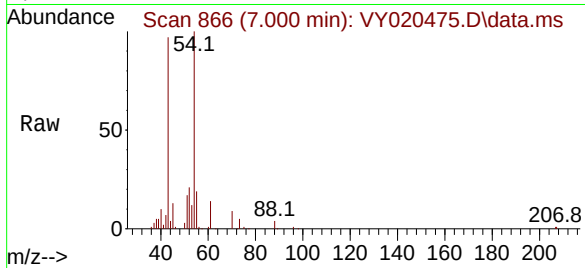
Tgt Ion: 75 Resp: 131920
Ion Ratio Lower Upper
75 100
110 32.9 16.7 50.0
77 30.9 24.6 36.8





#37
Ethyl Acetate
Concen: 51.999 ug/l
RT: 7.000 min Scan# 866
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

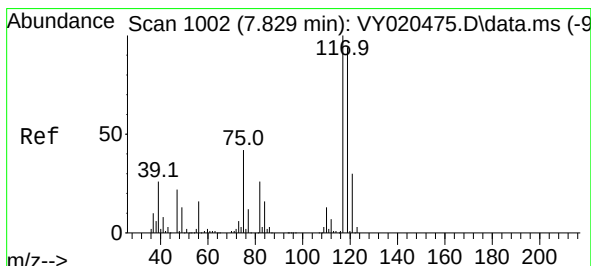
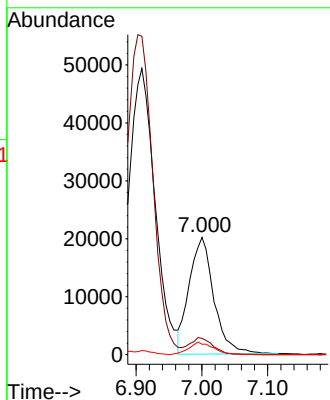
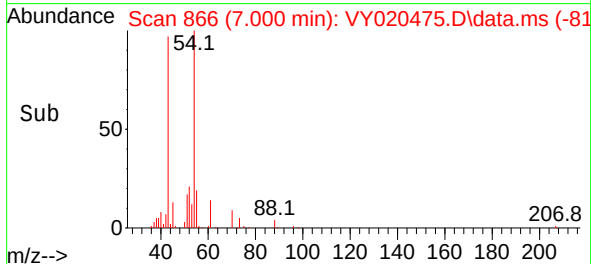
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 5254
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 10.6 7.3 10.9

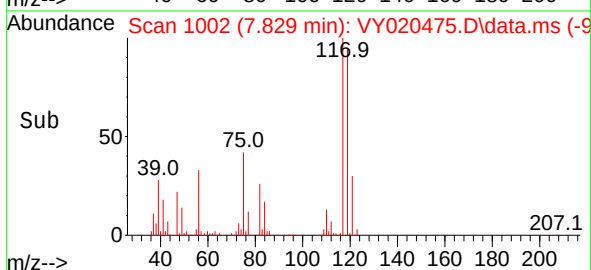
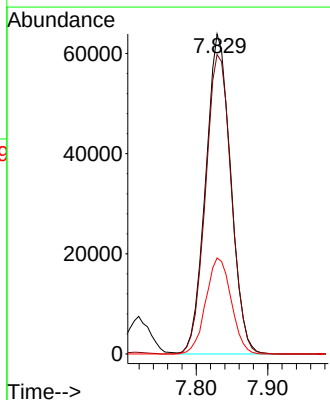
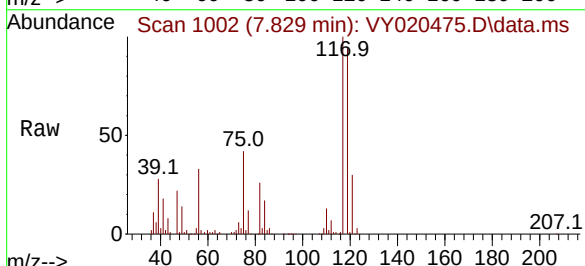
Manual Integrations
APPROVED

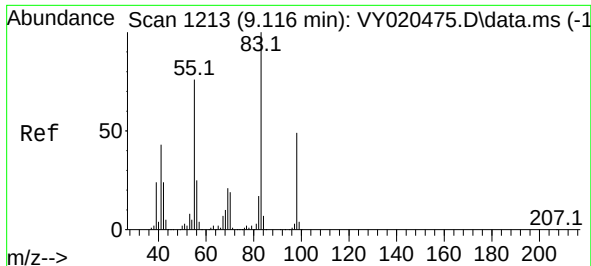
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#38
Carbon Tetrachloride
Concen: 51.157 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion:117 Resp: 155722
Ion Ratio Lower Upper
117 100
119 93.5 77.8 116.6
121 30.0 24.6 37.0





#39

Methylcyclohexane

Concen: 52.566 ug/l

RT: 9.116 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 166363

Ion Ratio Lower Upper

83 100

55 76.0 62.6 93.8

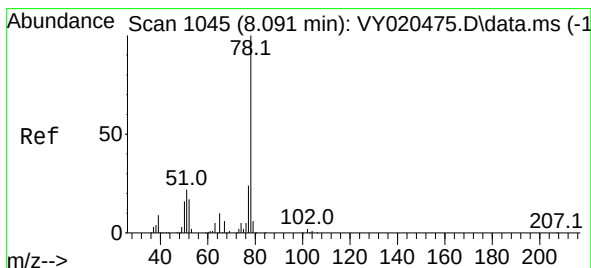
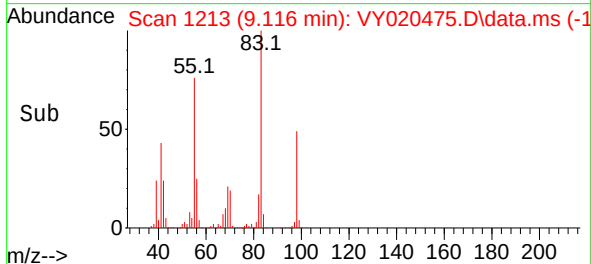
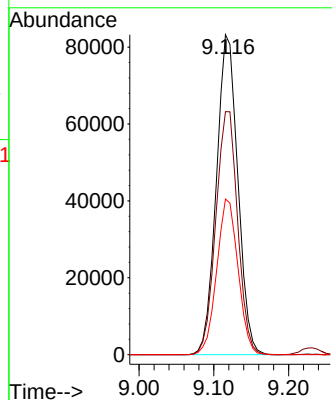
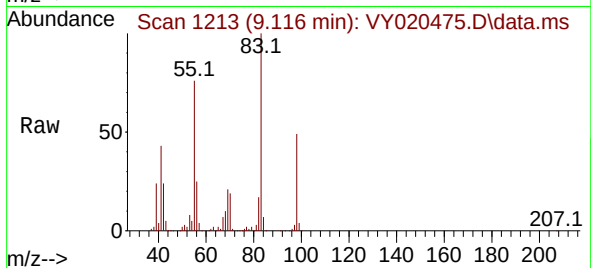
98 48.6 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#40

Benzene

Concen: 50.588 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY020475.D

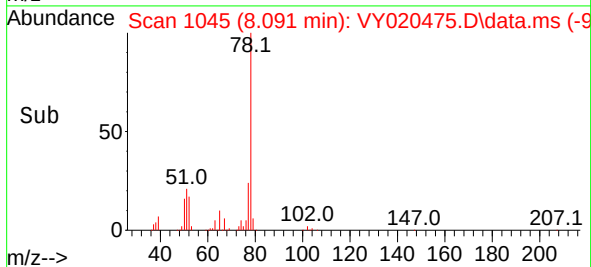
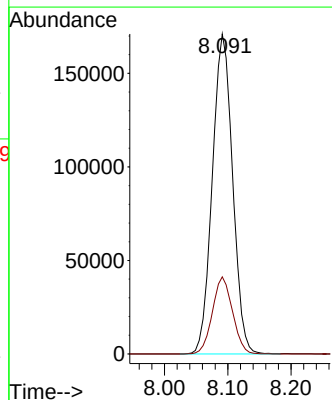
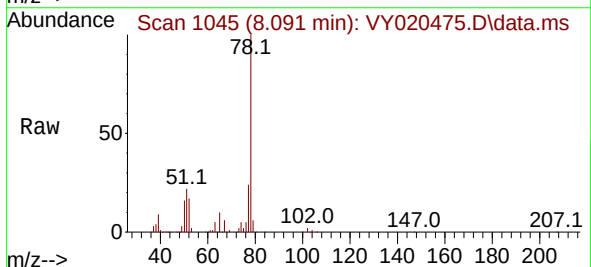
Acq: 02 Dec 2024 10:24

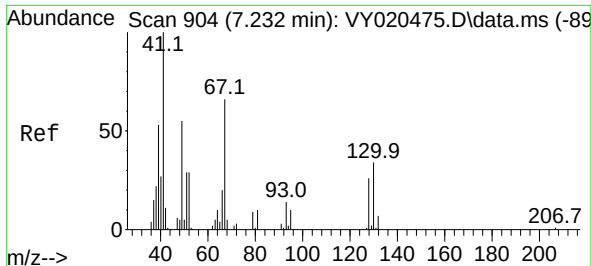
Tgt Ion: 78 Resp: 380413

Ion Ratio Lower Upper

78 100

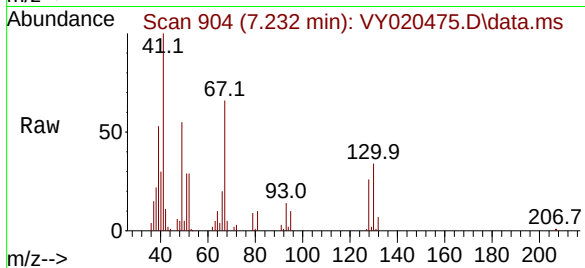
77 24.1 19.4 29.0





#41
Methacrylonitrile
Concen: 29.260 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

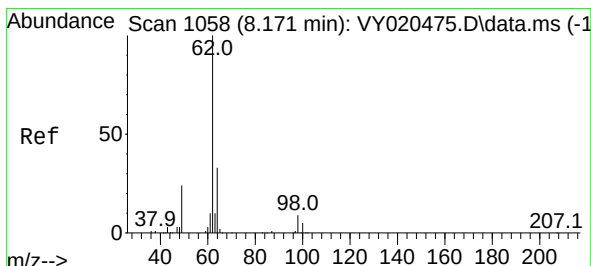
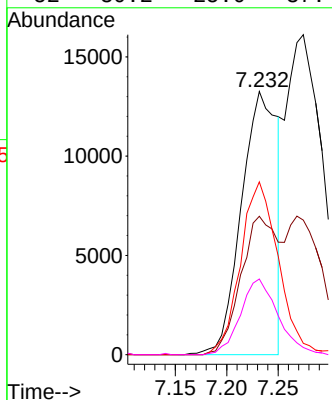
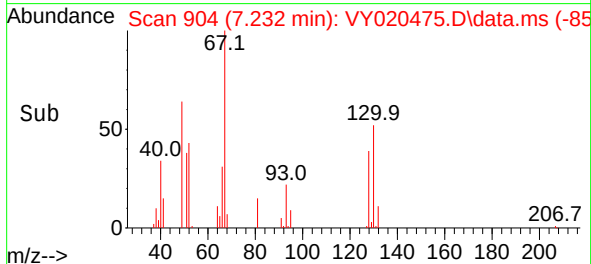
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



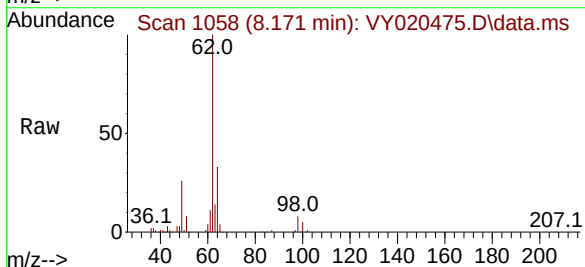
Tgt Ion: 41 Resp: 32093
Ion Ratio Lower Upper
41 100
39 58.7 49.0 73.4
67 69.9 57.1 85.7
52 30.2 25.0 37.4

Manual Integrations
APPROVED

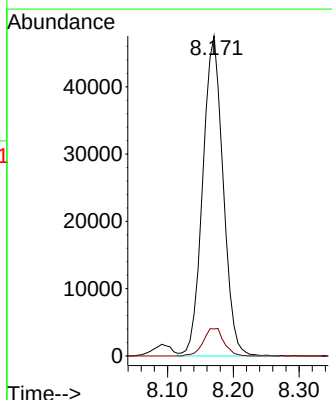
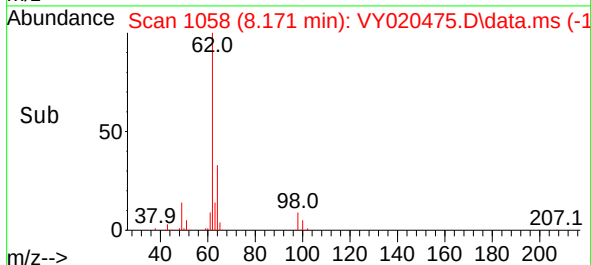
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

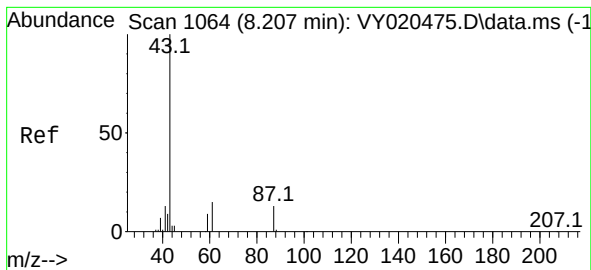


#42
1,2-Dichloroethane
Concen: 51.944 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24



Tgt Ion: 62 Resp: 102637
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.0





#43

Isopropyl Acetate

Concen: 53.033 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.012 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

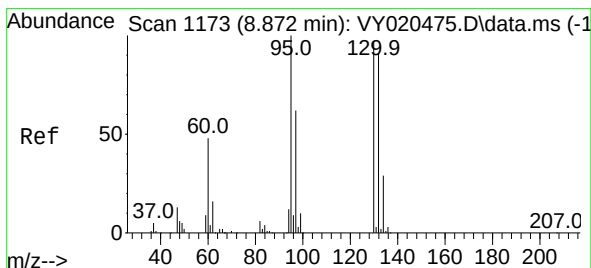
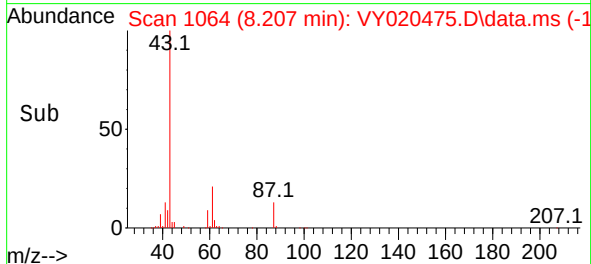
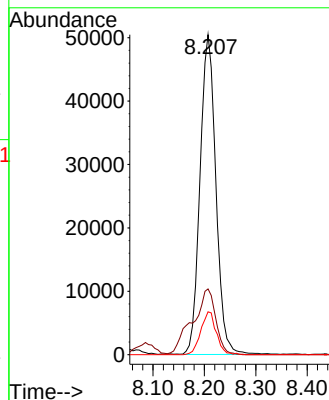
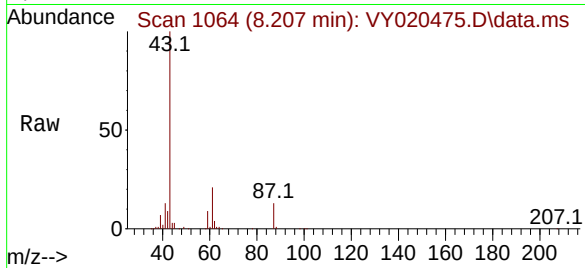
VSTDICCC050

Tgt Ion:	43	Resp:	10820
Ion Ratio	Lower	Upper	
43	100		
61	30.1	22.8	34.2
87	13.1	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#44

Trichloroethene

Concen: 50.203 ug/l

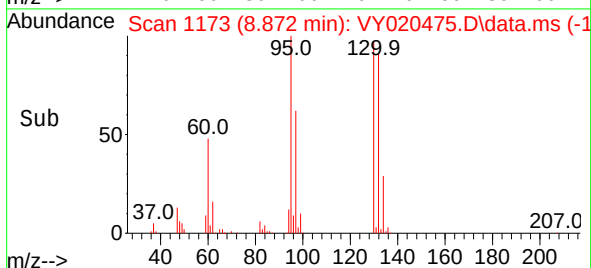
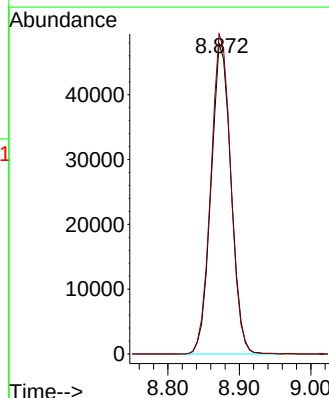
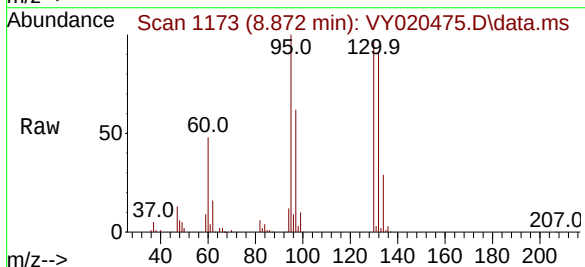
RT: 8.872 min Scan# 1173

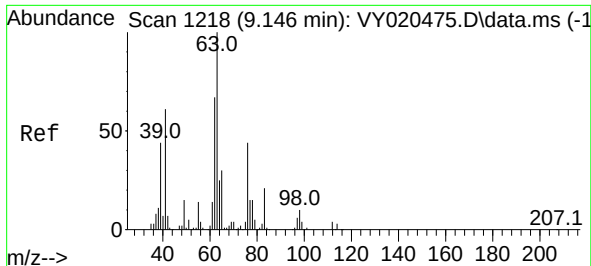
Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

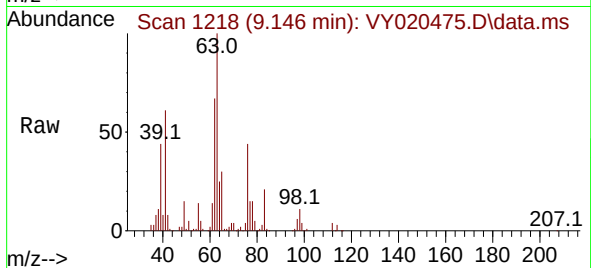
Tgt Ion:	130	Resp:	93065
Ion Ratio	Lower	Upper	
130	100		
95	103.1	0.0	204.8





#45
1,2-Dichloropropane
Concen: 49.106 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

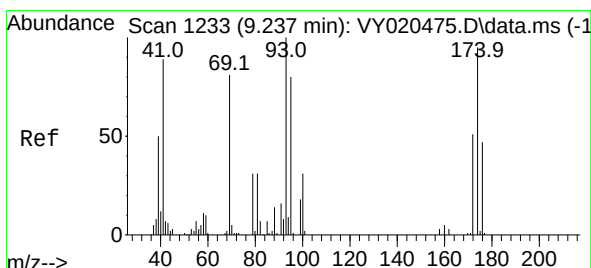
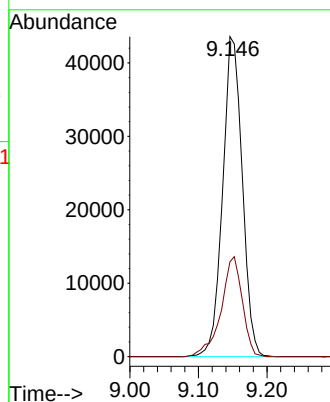
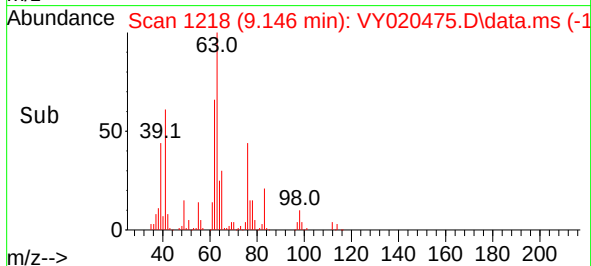
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 63 Resp: 8641
Ion Ratio Lower Upper
63 100
65 29.7 24.2 36.4

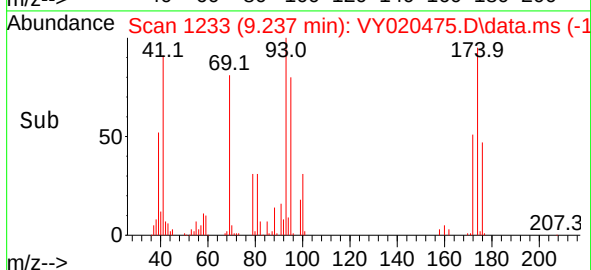
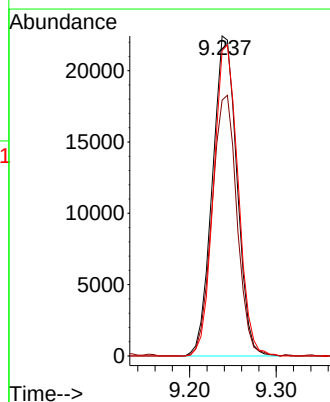
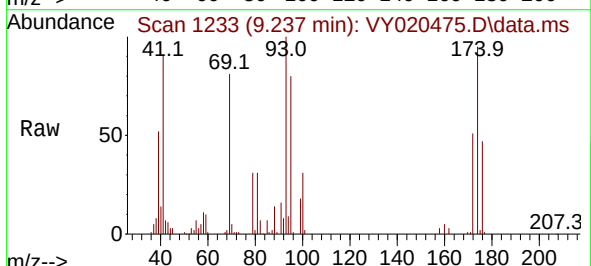
Manual Integrations
APPROVED

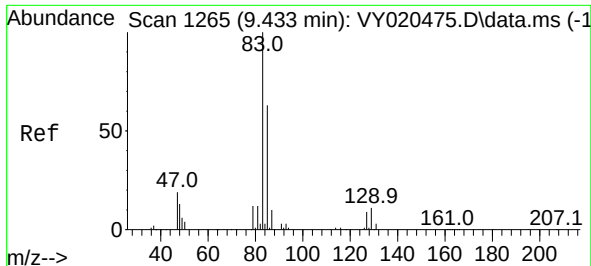
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#46
Dibromomethane
Concen: 50.770 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

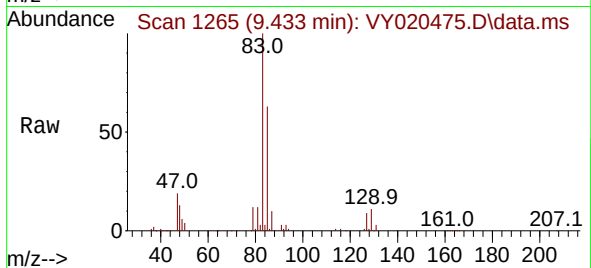
Tgt Ion: 93 Resp: 44234
Ion Ratio Lower Upper
93 100
95 82.5 65.3 97.9
174 96.5 74.4 111.6





#47
Bromodichloromethane
Concen: 49.671 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

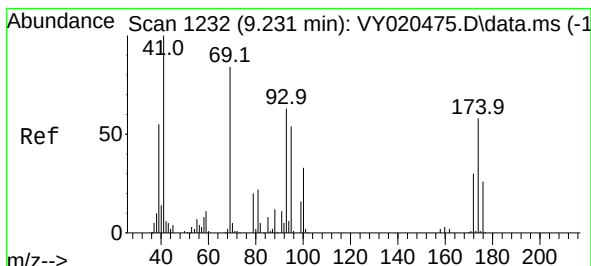
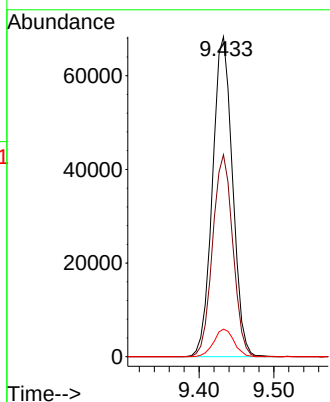
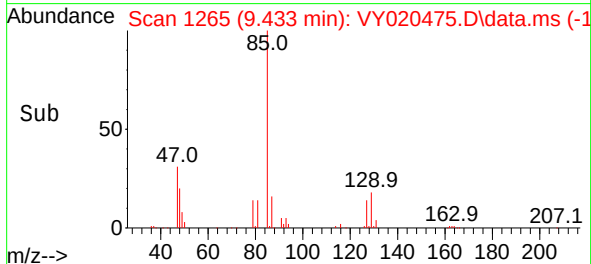
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 127504
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.2
127 8.6 6.3 9.5

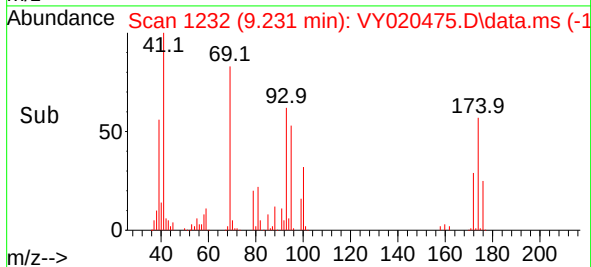
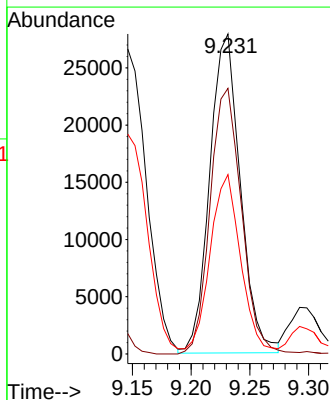
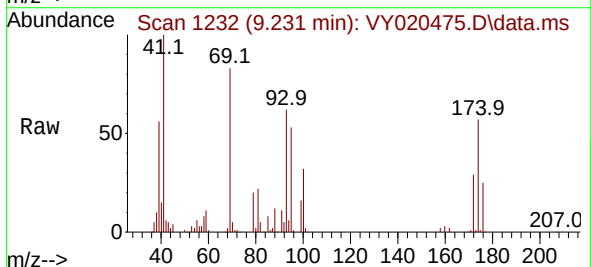
Manual Integrations
APPROVED

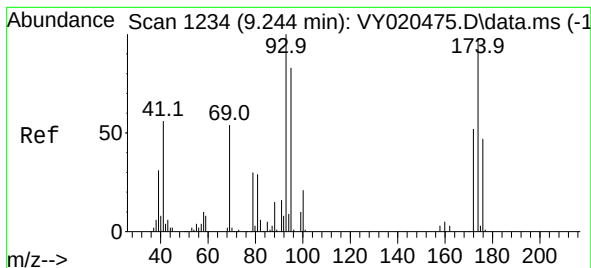
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#48
Methyl methacrylate
Concen: 53.165 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion: 41 Resp: 50583
Ion Ratio Lower Upper
41 100
69 85.5 66.1 99.1
39 53.3 46.0 69.0





#49

1,4-Dioxane

Concen: 1090.417 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 908

Ion Ratio Lower Upper

88 100

43 33.8 24.6 37.0

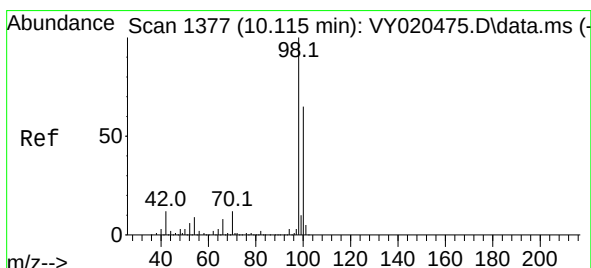
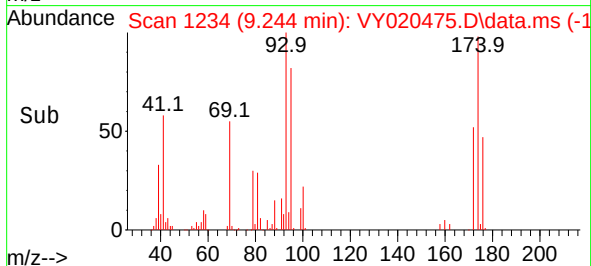
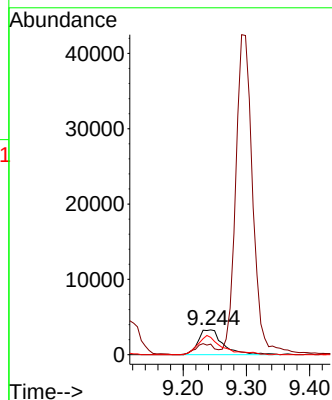
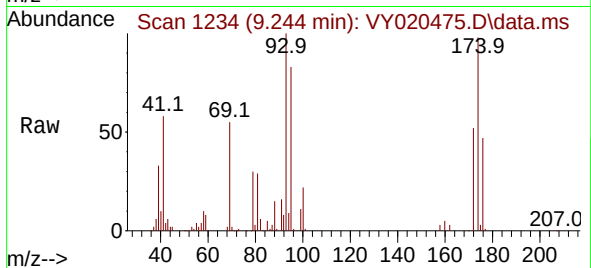
58 73.4 59.6 89.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#50

Toluene-d8

Concen: 55.057 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020475.D

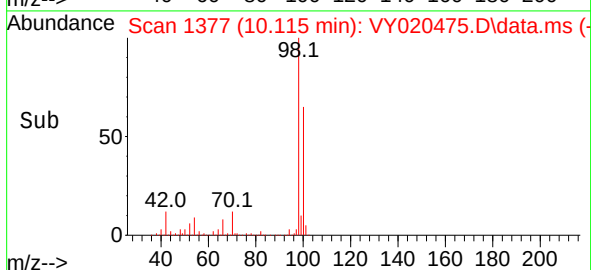
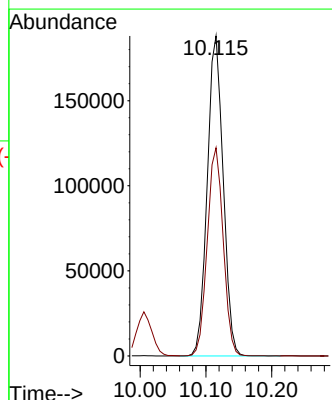
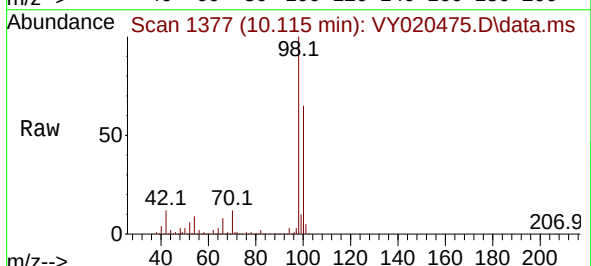
Acq: 02 Dec 2024 10:24

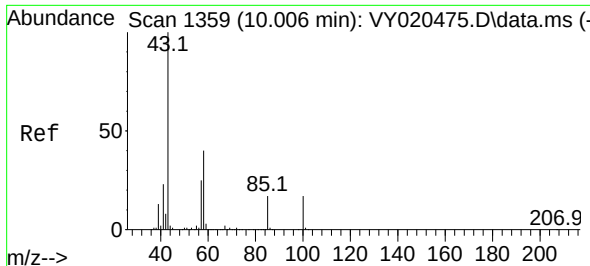
Tgt Ion: 98 Resp: 316633

Ion Ratio Lower Upper

98 100

100 65.3 51.3 76.9





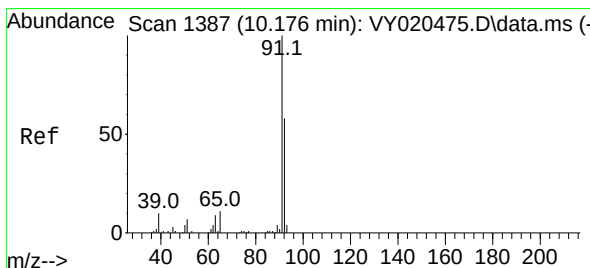
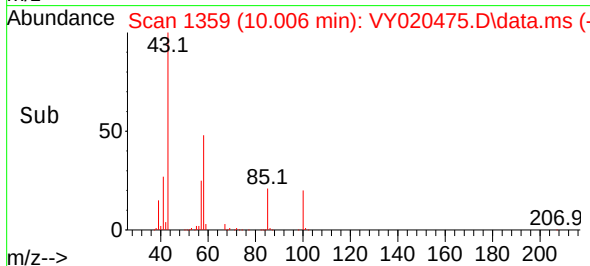
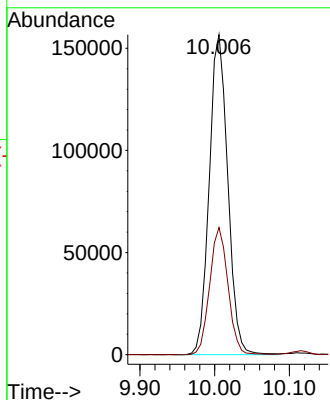
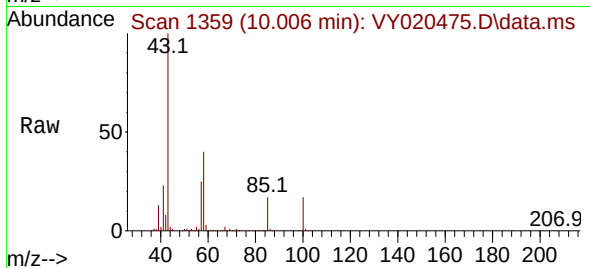
#51
4-Methyl-2-Pentanone
Concen: 267.981 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 270024
Ion Ratio Lower Upper
43 100
58 39.2 30.9 46.3

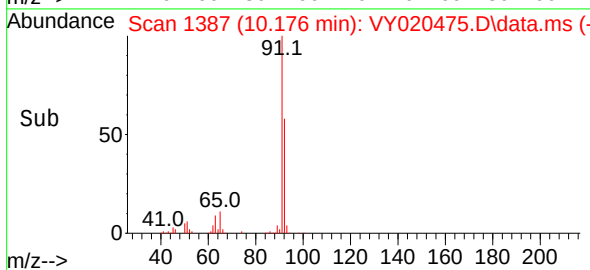
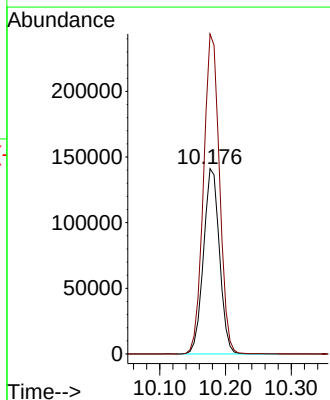
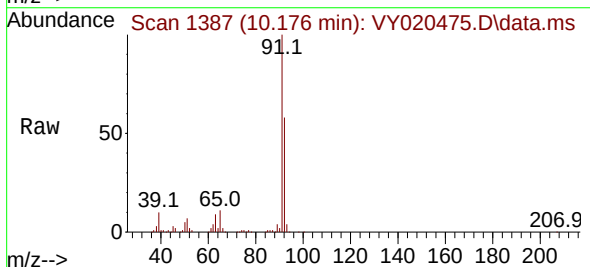
Manual Integrations
APPROVED

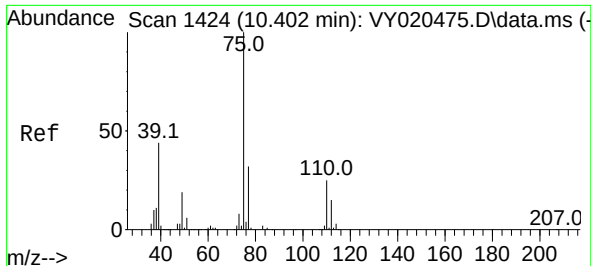
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#52
Toluene
Concen: 50.878 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion: 92 Resp: 238703
Ion Ratio Lower Upper
92 100
91 172.7 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 51.634 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.012 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 118994

Ion Ratio Lower Upper

75 100

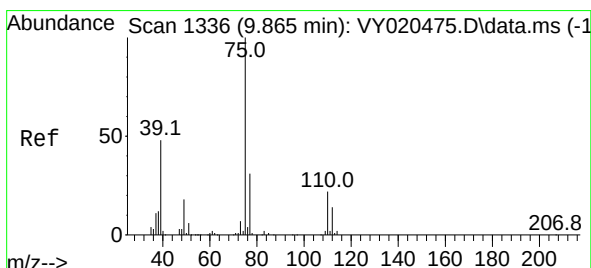
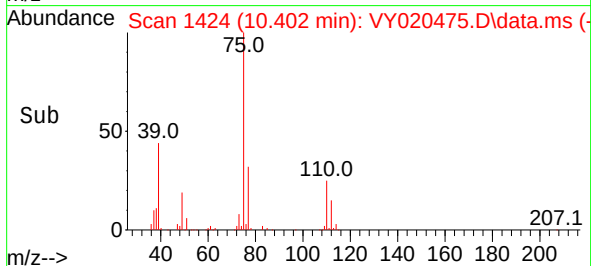
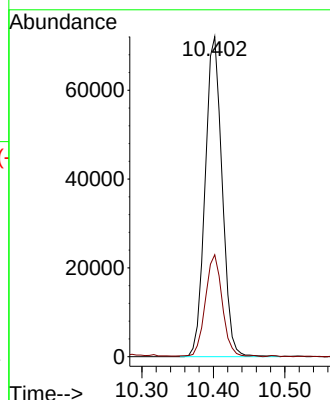
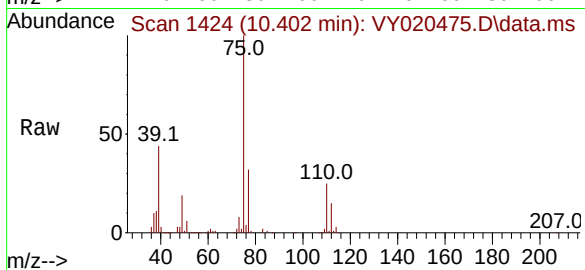
77 31.7 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#54

cis-1,3-Dichloropropene

Concen: 51.152 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.012 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

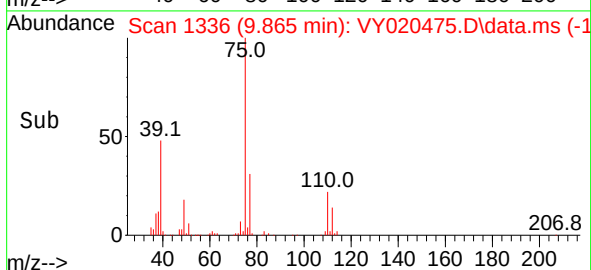
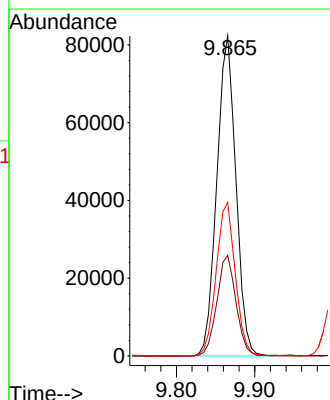
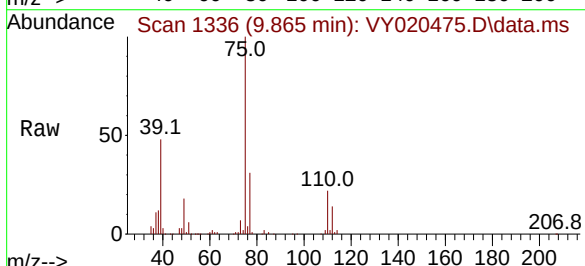
Tgt Ion: 75 Resp: 139317

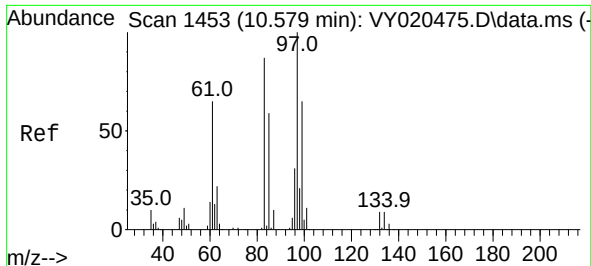
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

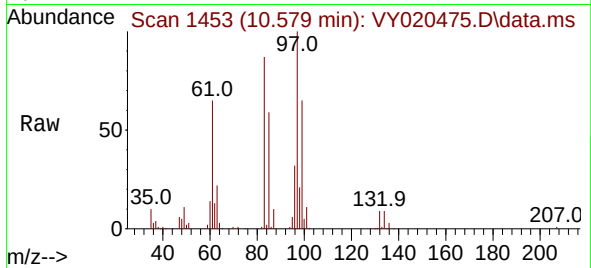
39 48.0 41.0 61.6





#55
1,1,2-Trichloroethane
Concen: 50.951 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

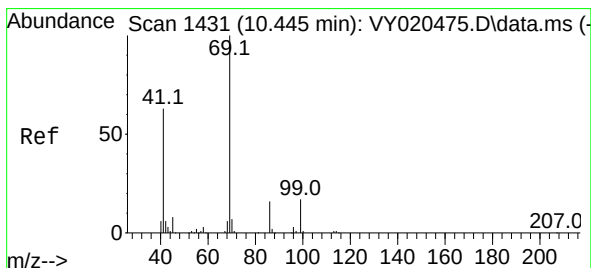
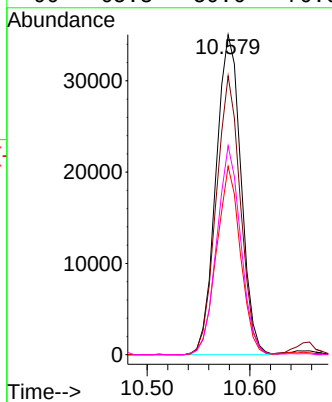
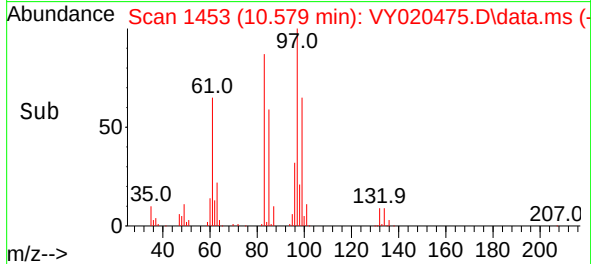
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 97	Resp: 5921
Ion Ratio	Lower Upper
97 100	
83 87.1	70.8 106.2
85 58.9	44.9 67.3
99 65.3	50.6 76.0

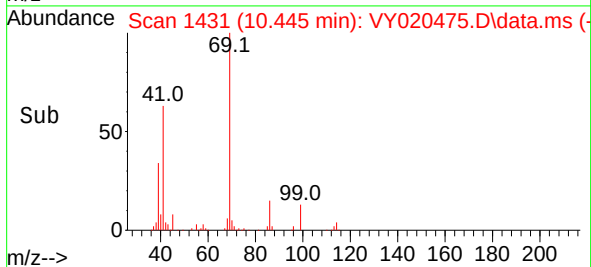
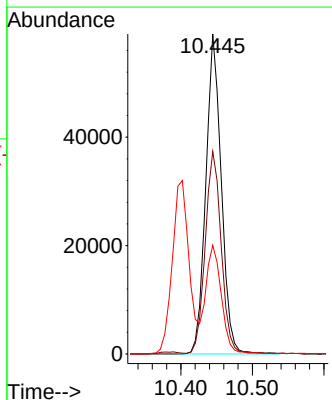
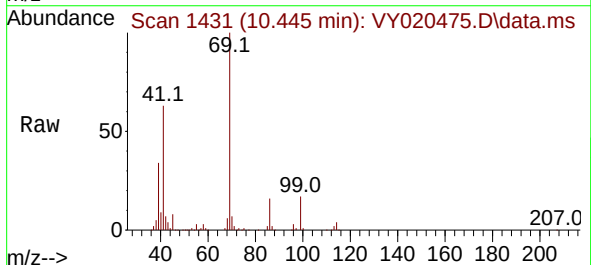
Manual Integrations
APPROVED

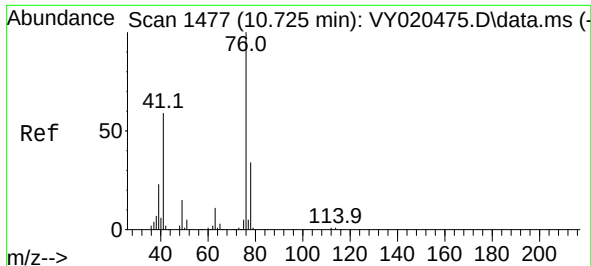
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#56
Ethyl methacrylate
Concen: 53.914 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion: 69	Resp: 88660
Ion Ratio	Lower Upper
69 100	
41 65.1	56.1 84.1
39 33.7	29.7 44.5





#57

1,3-Dichloropropane

Concen: 51.068 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.012 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 10628

Ion Ratio Lower Upper

76 100

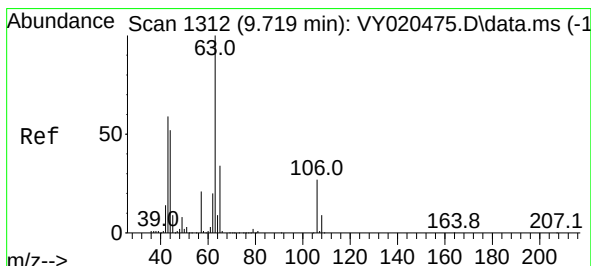
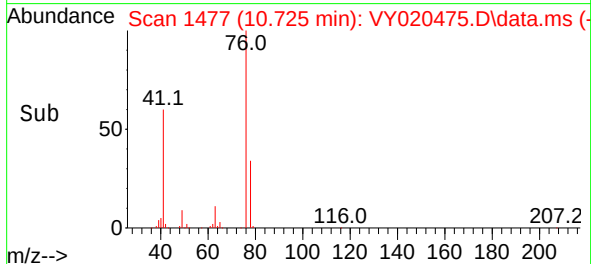
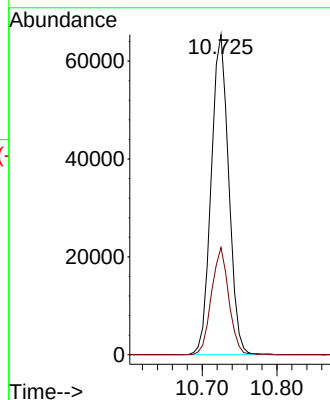
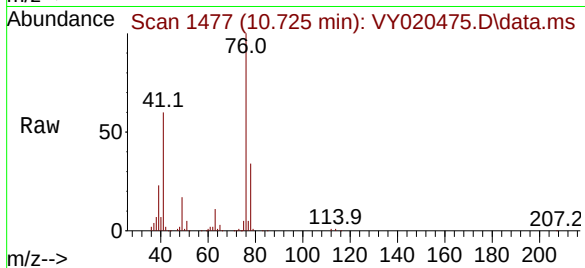
78 33.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#58

2-Chloroethyl Vinyl ether

Concen: 310.414 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020475.D

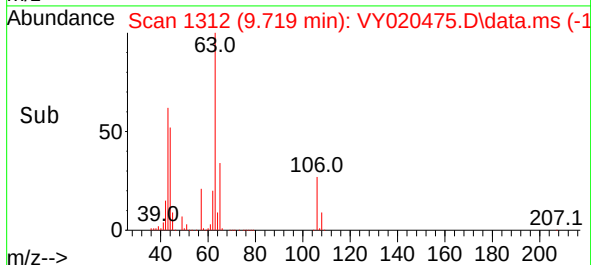
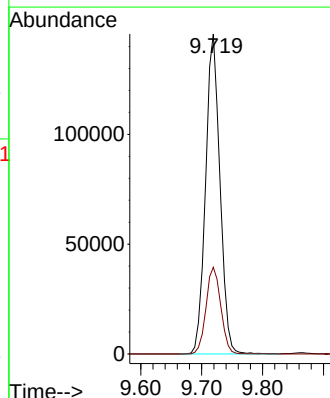
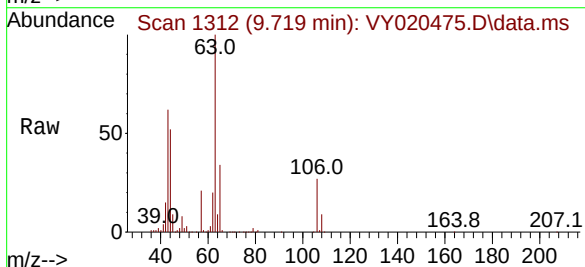
Acq: 02 Dec 2024 10:24

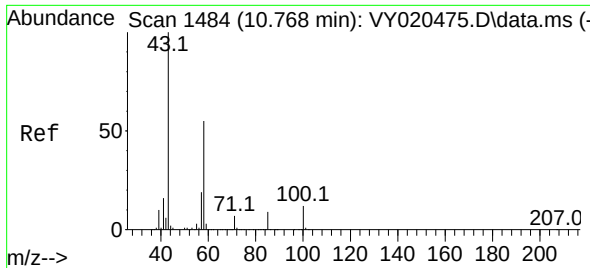
Tgt Ion: 63 Resp: 239007

Ion Ratio Lower Upper

63 100

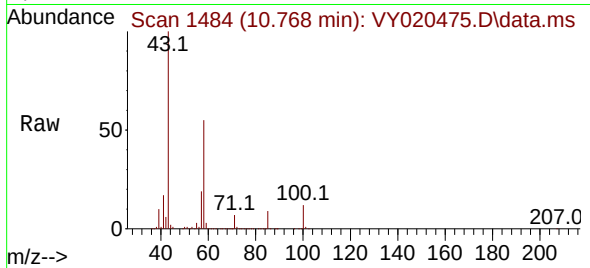
106 27.7 21.0 31.4





#59
2-Hexanone
Concen: 283.955 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

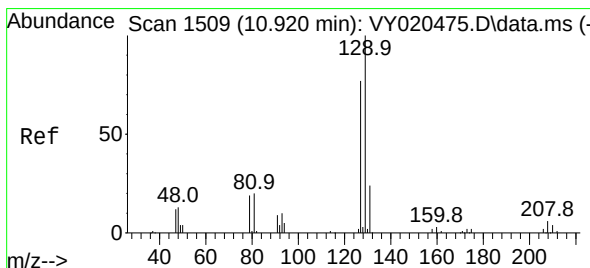
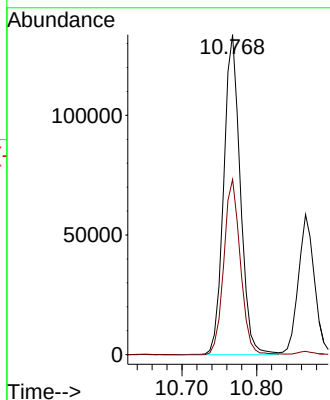
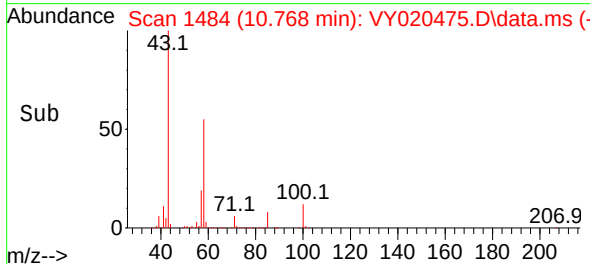
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 206410
Ion Ratio Lower Upper
43 100
58 54.5 26.4 79.2

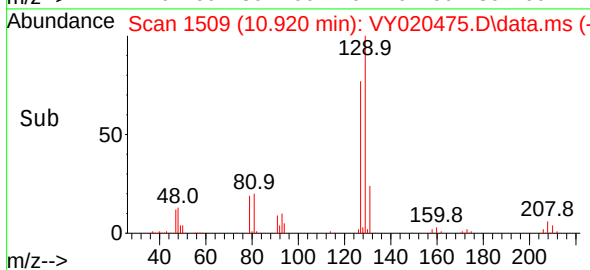
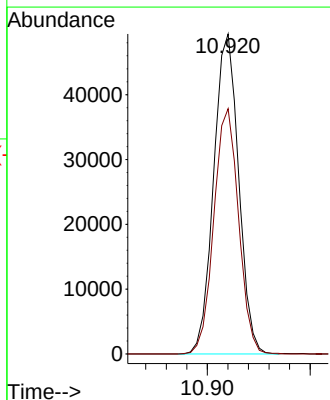
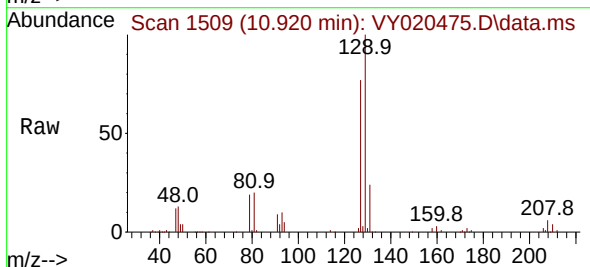
Manual Integrations
APPROVED

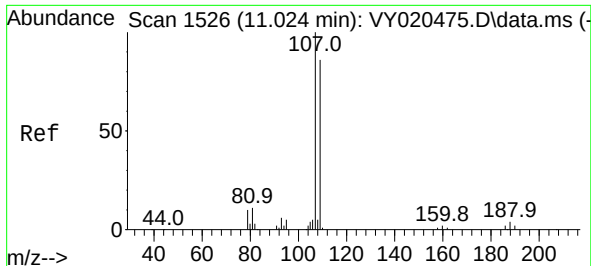
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#60
Dibromochloromethane
Concen: 51.325 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

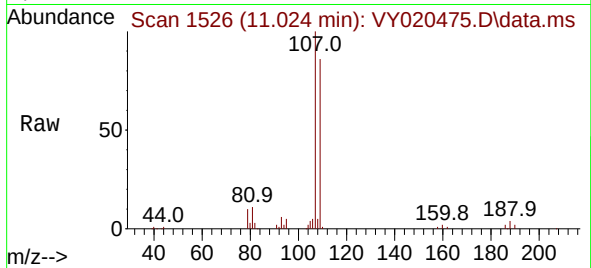
Tgt Ion:129 Resp: 83049
Ion Ratio Lower Upper
129 100
127 75.9 38.3 114.9





#61
1,2-Dibromoethane
Concen: 51.259 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

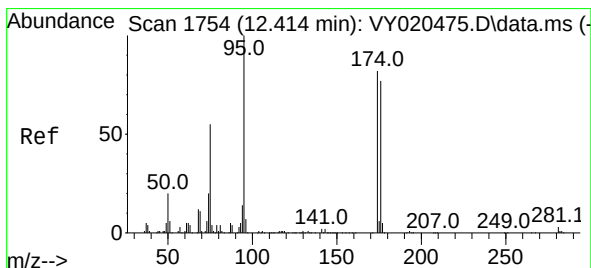
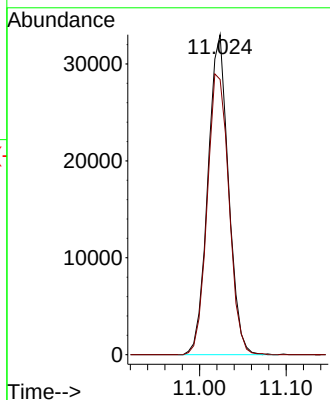
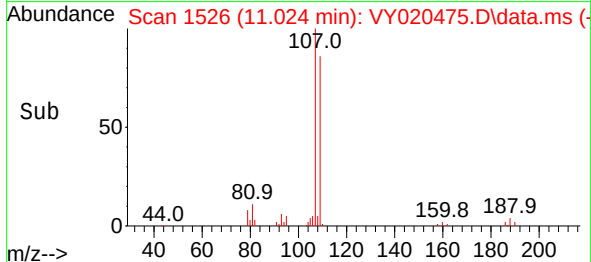
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



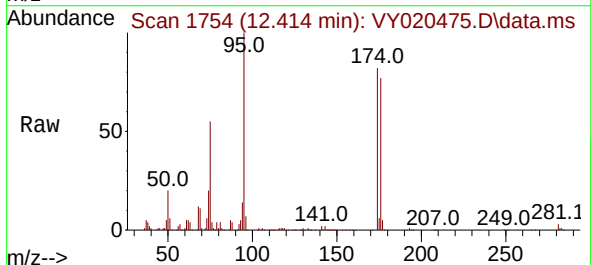
Tgt Ion:107 Resp: 54480
Ion Ratio Lower Upper
107 100
109 92.3 74.6 111.8

Manual Integrations
APPROVED

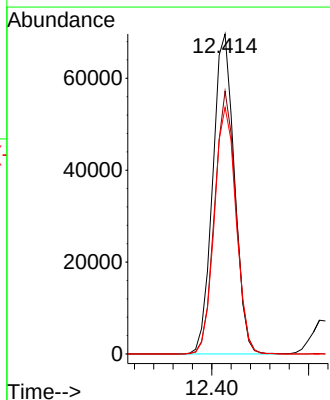
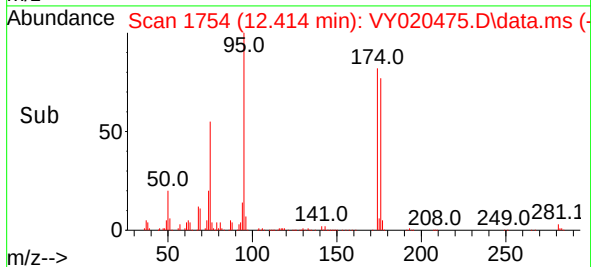
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

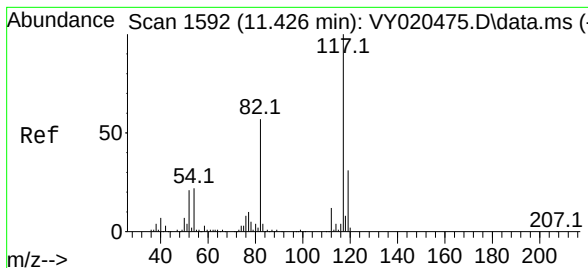


#62
4-Bromofluorobenzene
Concen: 53.849 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24



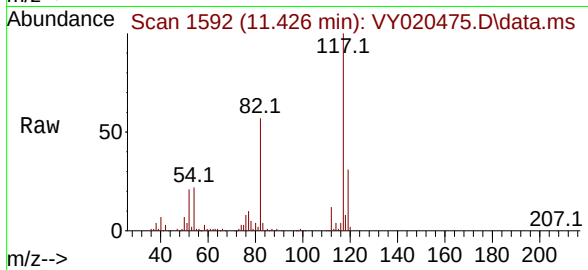
Tgt Ion: 95 Resp: 108310
Ion Ratio Lower Upper
95 100
174 80.6 0.0 156.8
176 77.3 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

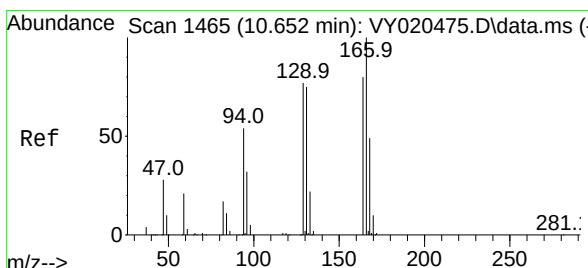
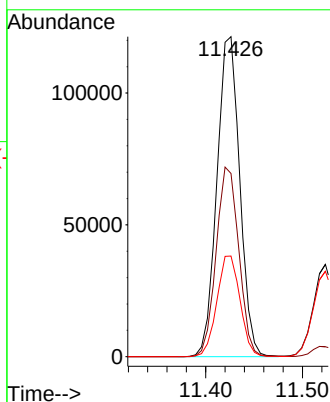
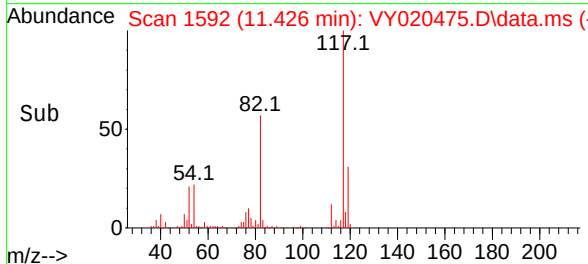
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



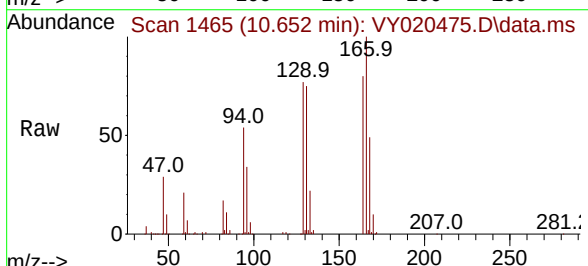
Tgt Ion:117 Resp: 199039
Ion Ratio Lower Upper
117 100
82 57.3 48.2 72.4
119 31.5 25.8 38.8

Manual Integrations
APPROVED

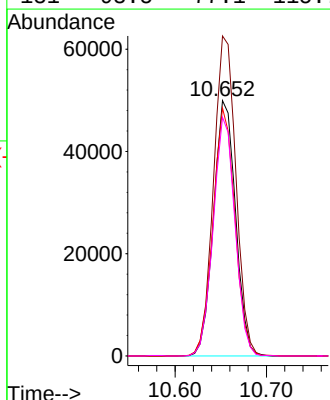
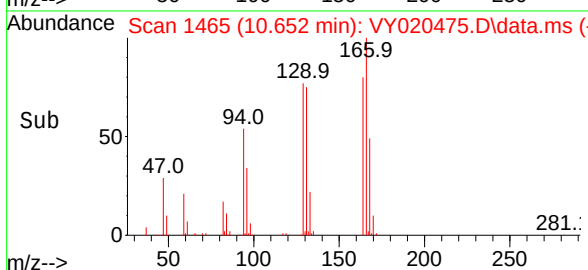
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

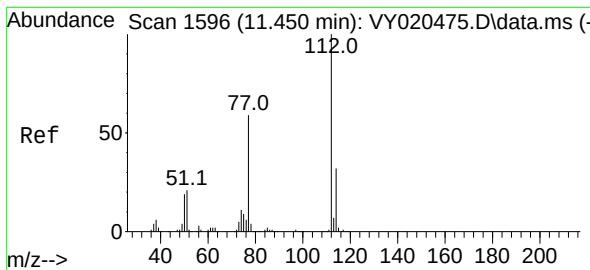


#64
Tetrachloroethene
Concen: 49.754 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24



Tgt Ion:164 Resp: 83677
Ion Ratio Lower Upper
164 100
166 125.3 103.8 155.8
129 97.1 79.0 118.4
131 93.5 77.1 115.7





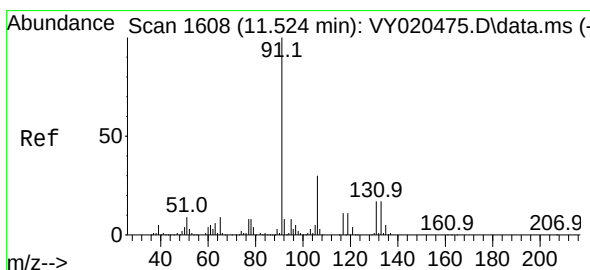
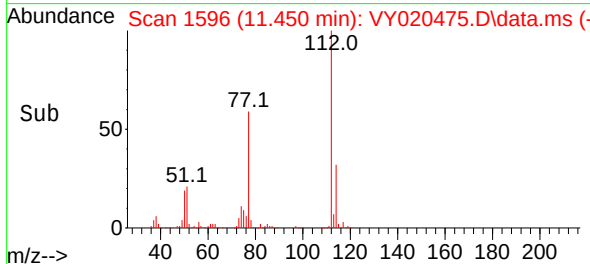
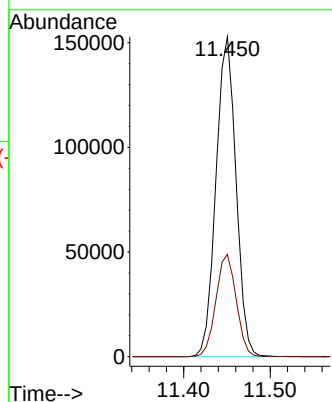
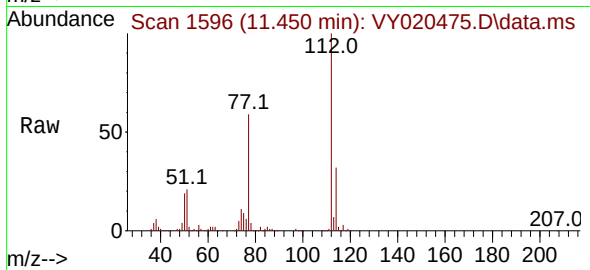
#65
Chlorobenzene
Concen: 49.192 ug/l
RT: 11.450 min Scan# 1596
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 24541
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

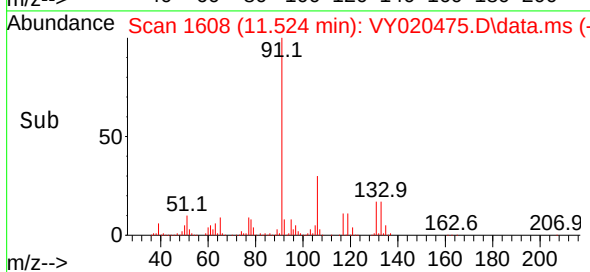
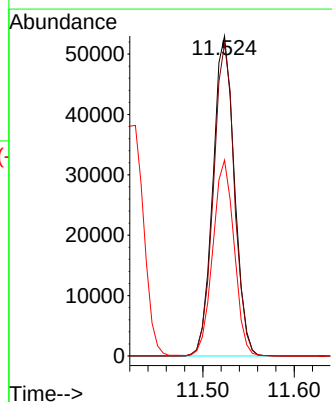
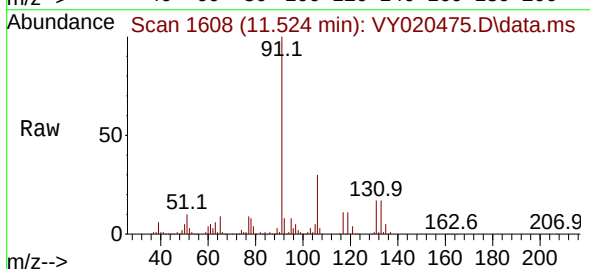
Manual Integrations
APPROVED

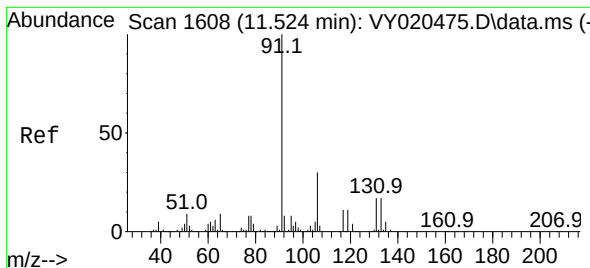
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.819 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion:131 Resp: 86377
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 60.8 32.5 97.5





#67

Ethyl Benzene

Concen: 49.897 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 466609

Ion Ratio Lower Upper

91 100

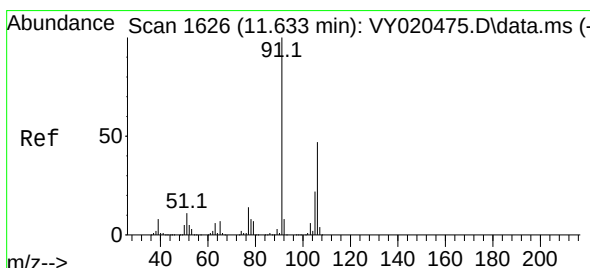
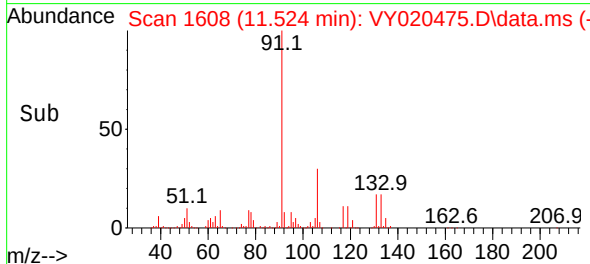
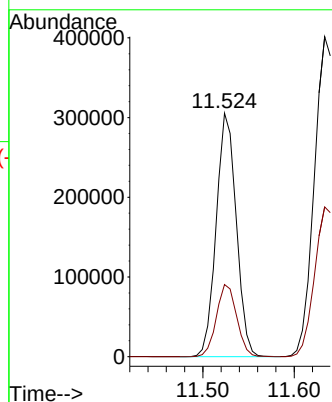
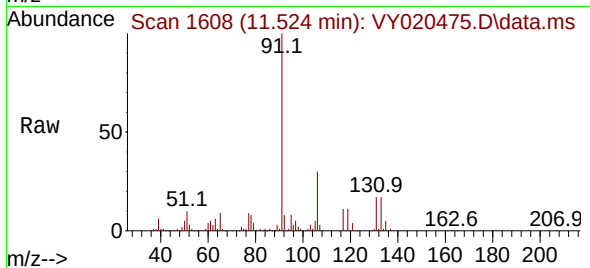
106 29.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#68

m/p-Xylenes

Concen: 98.621 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY020475.D

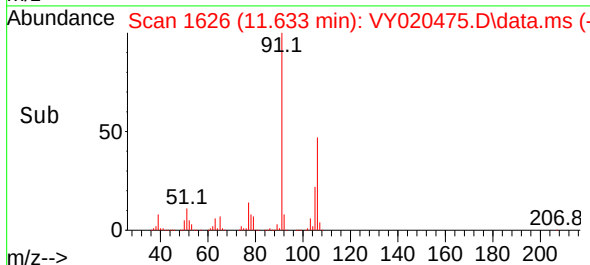
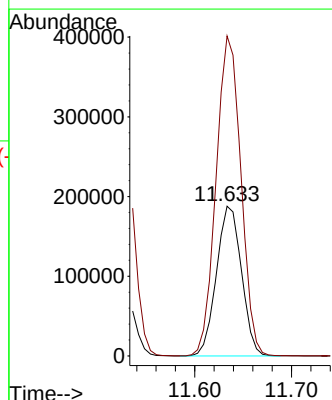
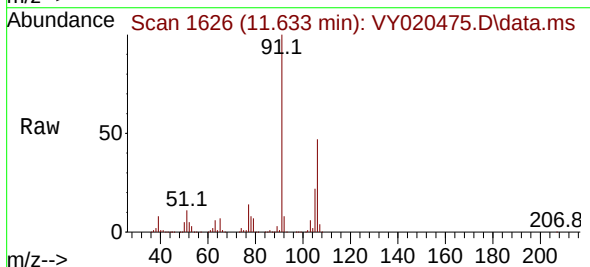
Acq: 02 Dec 2024 10:24

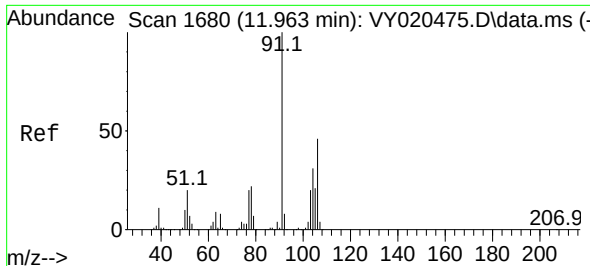
Tgt Ion:106 Resp: 337704

Ion Ratio Lower Upper

106 100

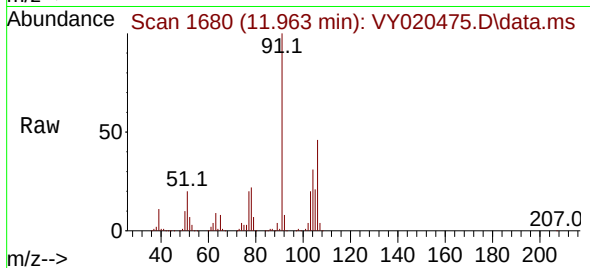
91 212.3 166.0 249.0





#69
o-Xylene
Concen: 49.976 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

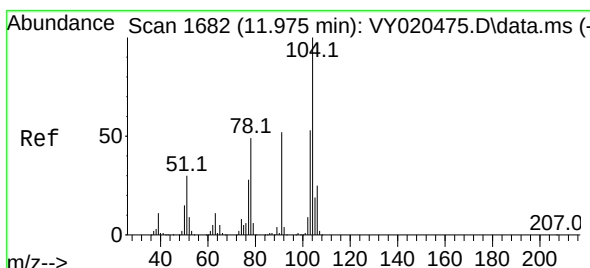
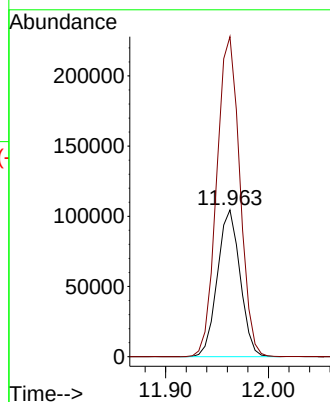
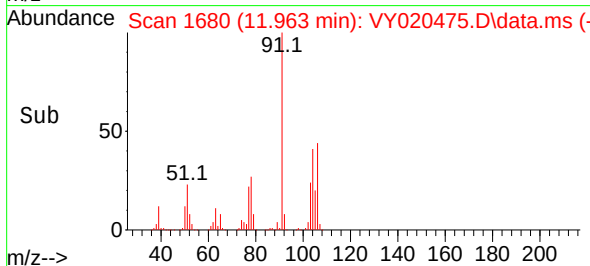
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 160324
Ion Ratio Lower Upper
106 100
91 222.2 110.0 330.0

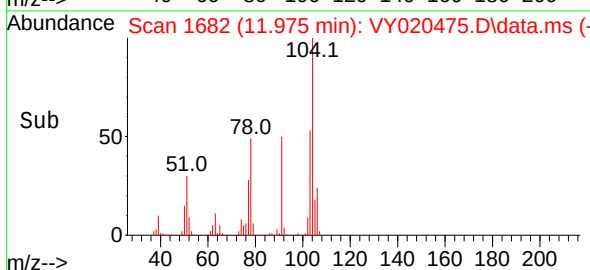
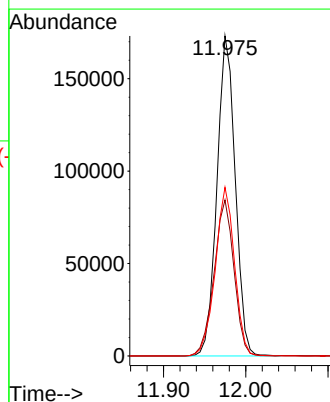
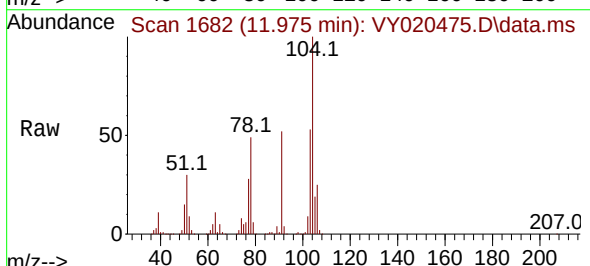
Manual Integrations
APPROVED

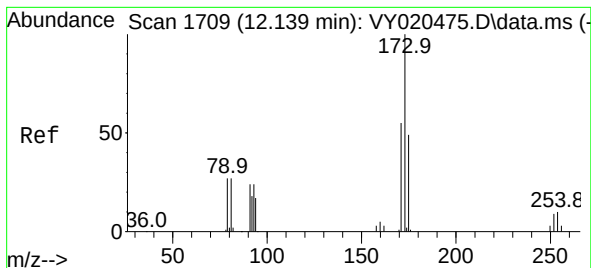
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#70
Styrene
Concen: 50.080 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion:104 Resp: 268033
Ion Ratio Lower Upper
104 100
78 53.0 41.4 62.2
103 55.5 44.2 66.4





#71

Bromoform

Concen: 50.993 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 45872

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

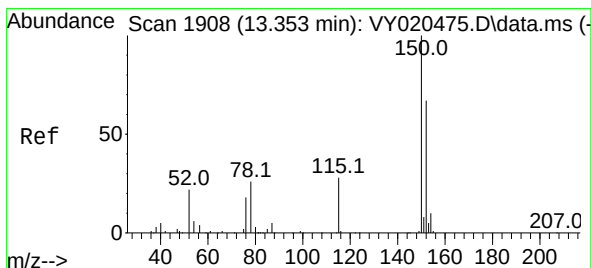
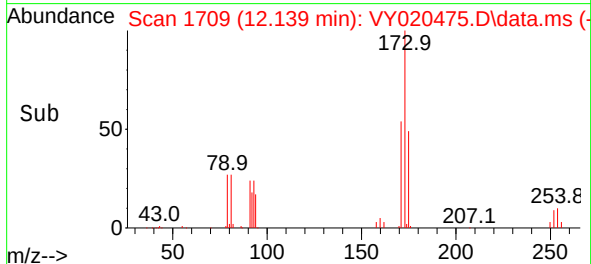
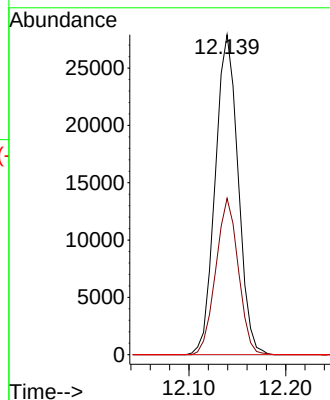
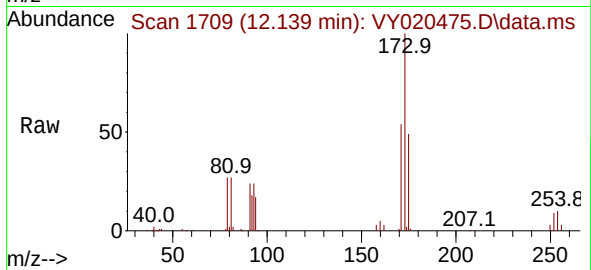
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

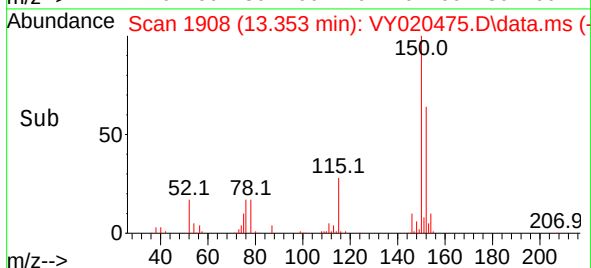
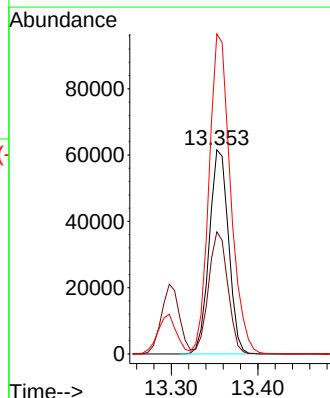
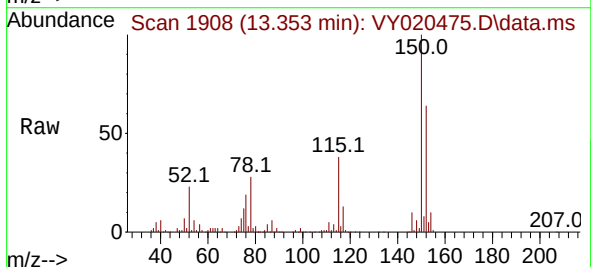
Tgt Ion:152 Resp: 95193

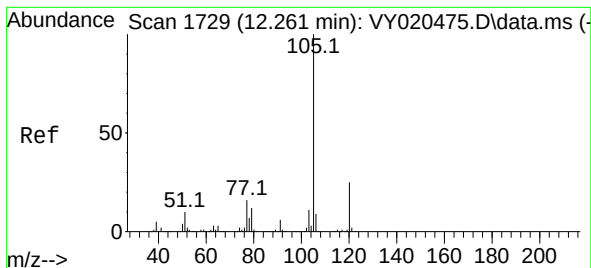
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 174.4 0.0 348.2





#73

Isopropylbenzene

Concen: 47.241 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 435110

Ion Ratio Lower Upper

105 100

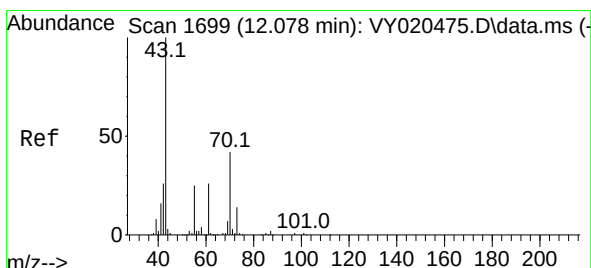
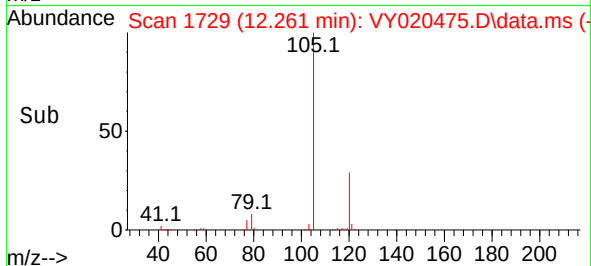
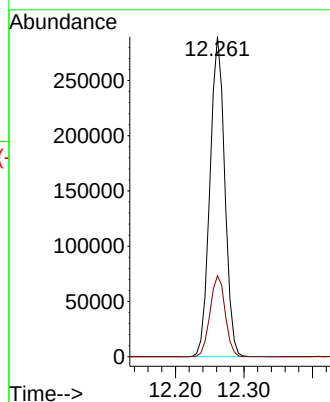
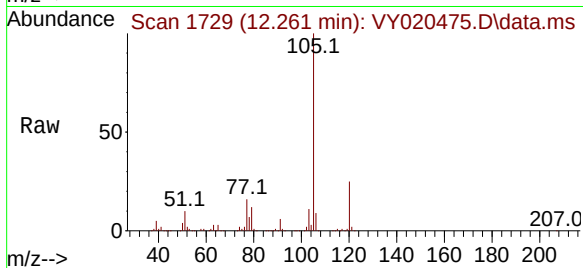
120 25.8 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#74

N-ethyl acetate

Concen: 52.438 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Tgt Ion: 43 Resp: 94663

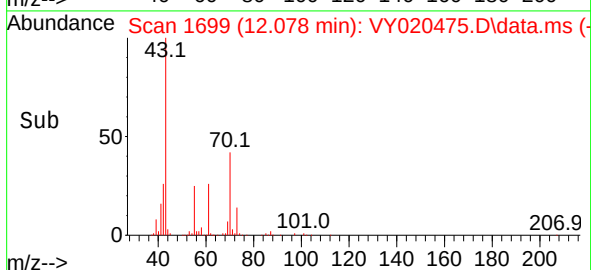
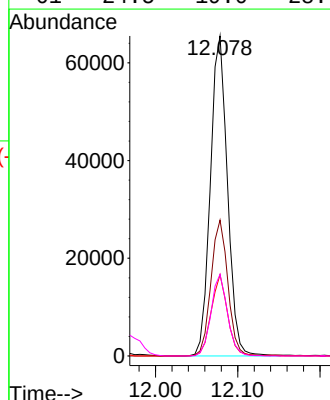
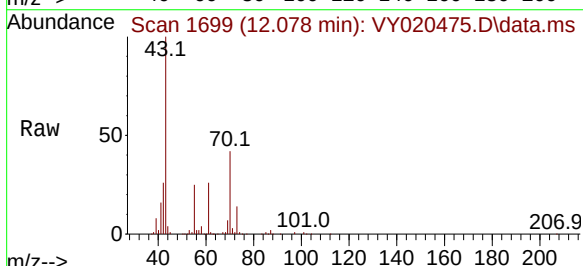
Ion Ratio Lower Upper

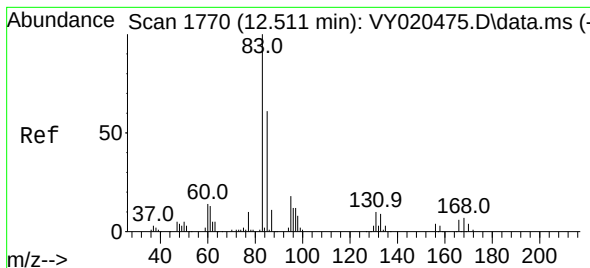
43 100

70 42.0 32.9 49.3

55 24.2 19.3 28.9

61 24.5 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.213 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

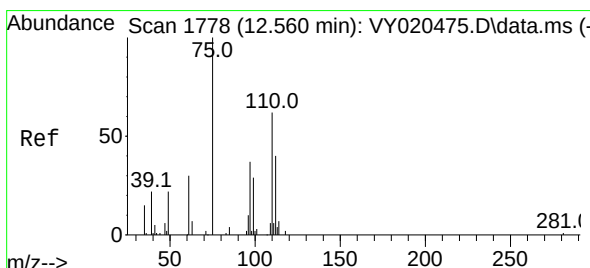
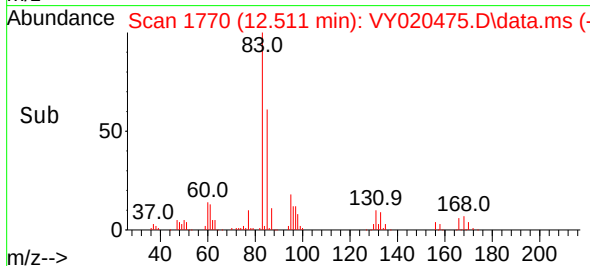
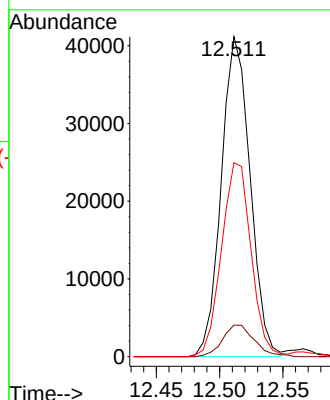
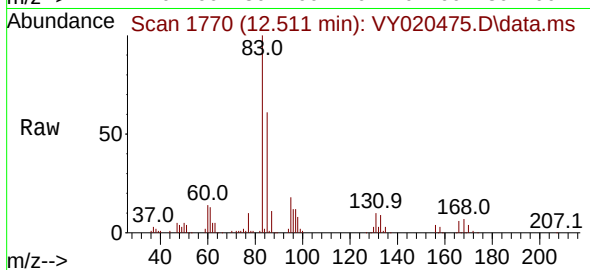
VSTDICCC050

Tgt Ion:	83	Resp:	6518
Ion Ratio	Lower	Upper	
83	100		
131	10.9	4.8	14.4
85	62.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#76

1,2,3-Trichloropropane

Concen: 22.311 ug/l m

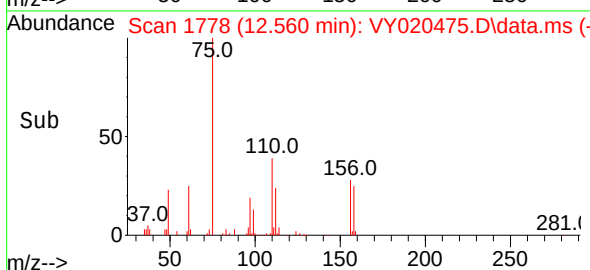
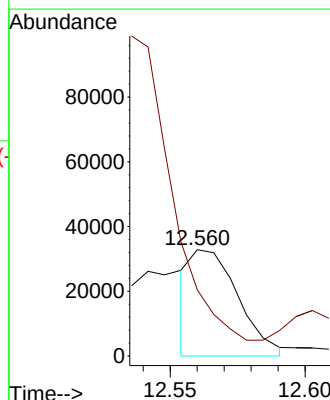
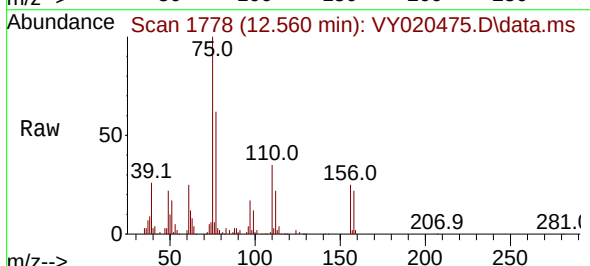
RT: 12.560 min Scan# 1778

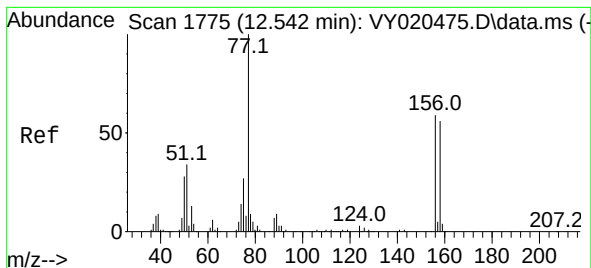
Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Tgt Ion:	75	Resp:	40109
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.972 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.012 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

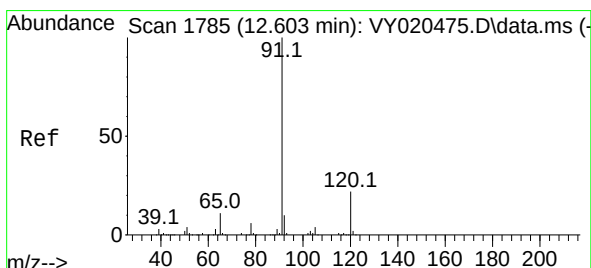
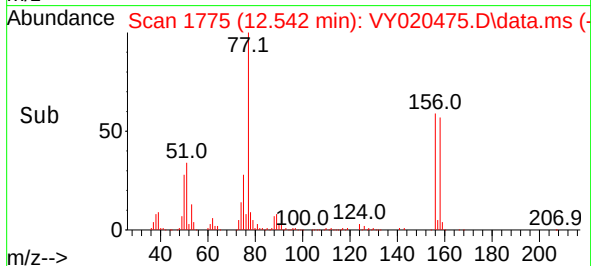
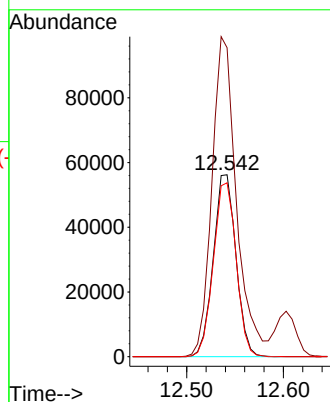
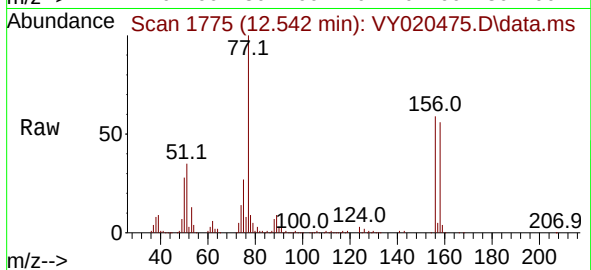
VSTDICCC050

Tgt Ion:	156	Resp:	9150
Ion Ratio	Lower	Upper	
156	100		
77	189.2	97.2	291.6
158	96.0	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#78

n-propylbenzene

Concen: 47.765 ug/l

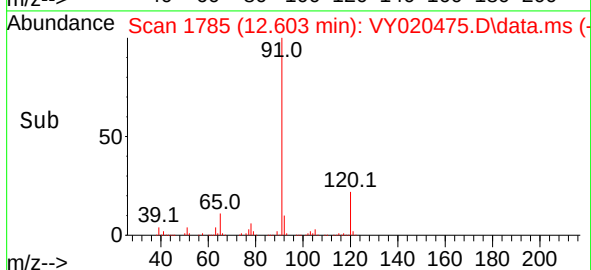
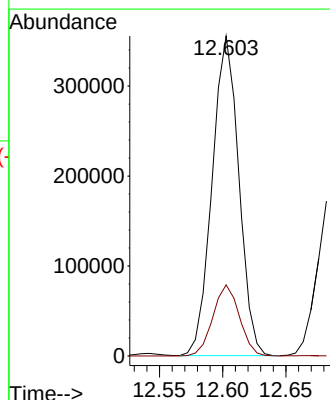
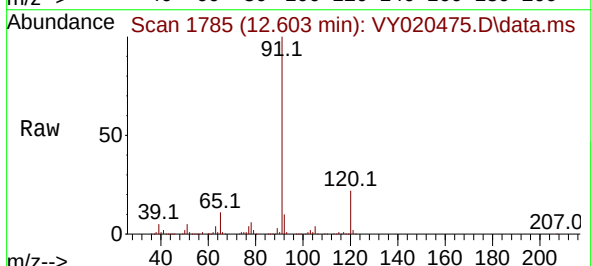
RT: 12.603 min Scan# 1785

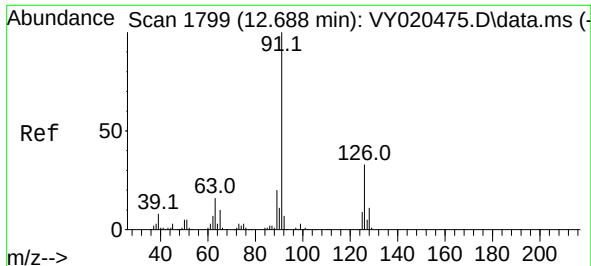
Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Tgt Ion:	91	Resp:	520871
Ion Ratio	Lower	Upper	
91	100		
120	22.0	10.9	32.6





#79

2-Chlorotoluene

Concen: 47.218 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 290540

Ion Ratio Lower Upper

91 100

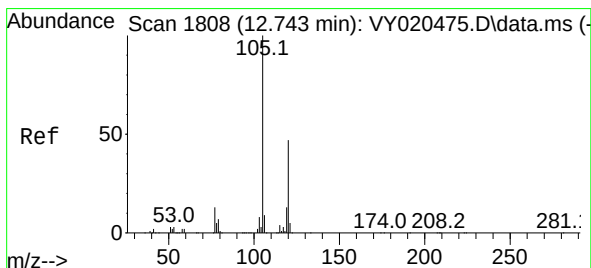
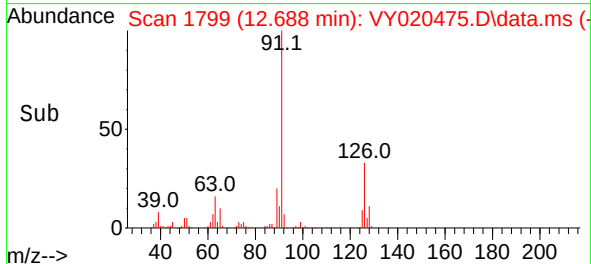
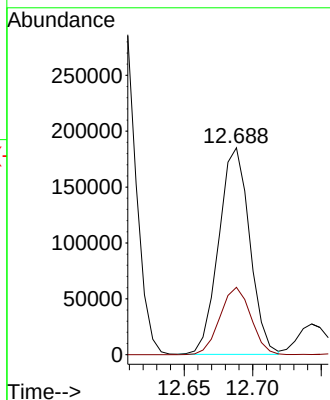
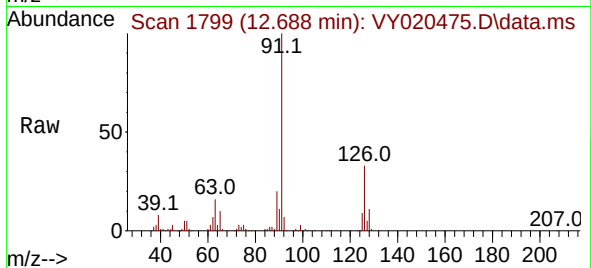
126 32.6 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#80

1,3,5-Trimethylbenzene

Concen: 47.818 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY020475.D

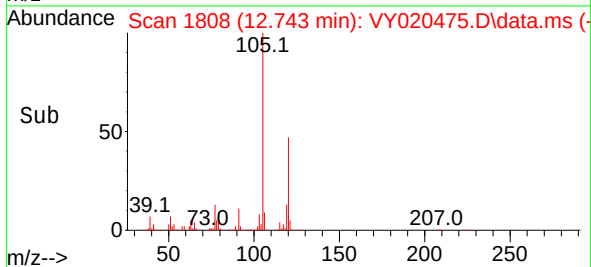
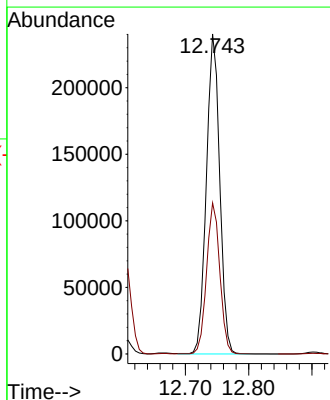
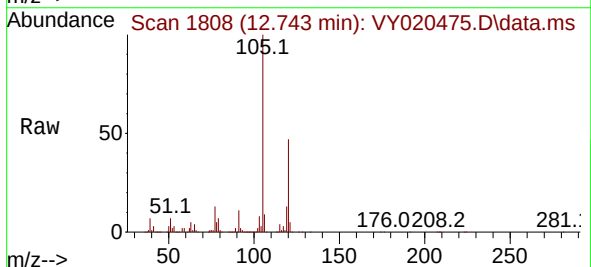
Acq: 02 Dec 2024 10:24

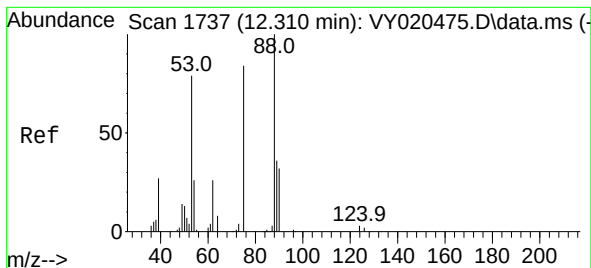
Tgt Ion:105 Resp: 352940

Ion Ratio Lower Upper

105 100

120 46.9 24.3 72.8





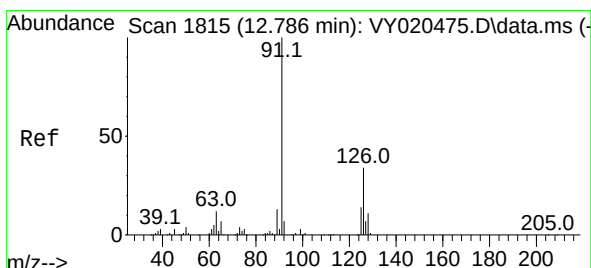
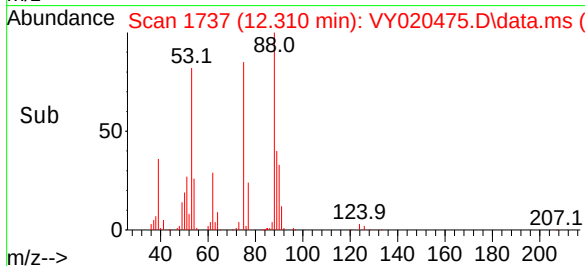
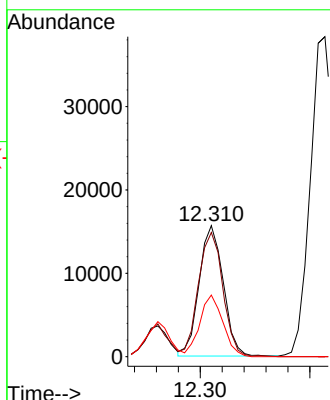
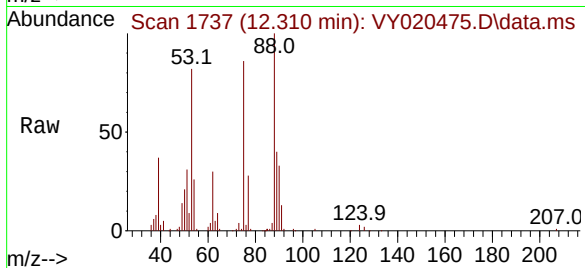
#81
trans-1,4-Dichloro-2-butene
Concen: 50.738 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 23979
Ion Ratio Lower Upper
75 100
53 97.4 81.1 121.7
89 45.3 35.1 52.7

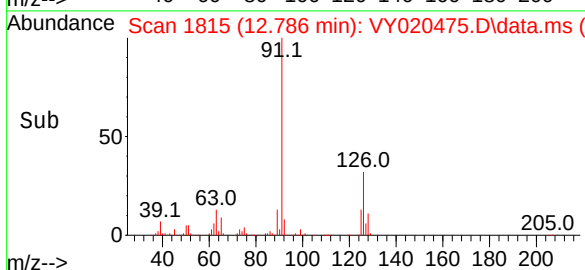
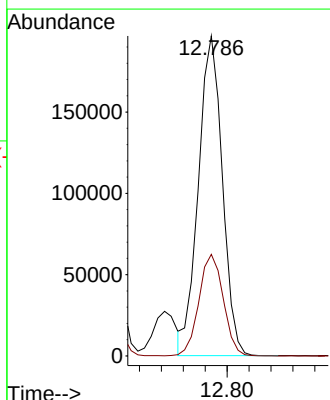
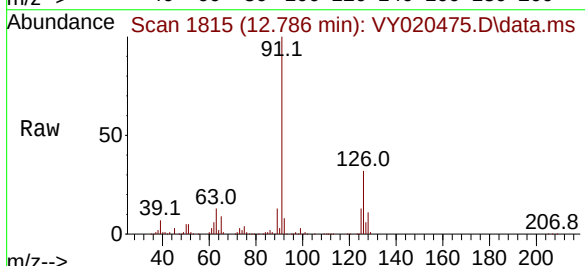
Manual Integrations
APPROVED

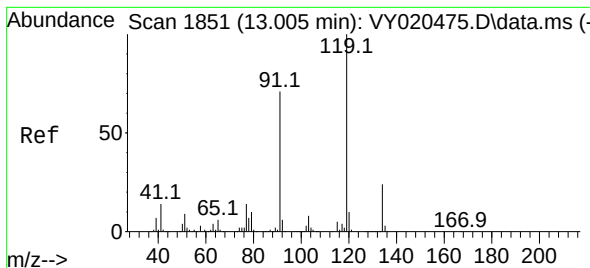
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#82
4-Chlorotoluene
Concen: 47.536 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion: 91 Resp: 298495
Ion Ratio Lower Upper
91 100
126 32.3 16.6 49.8





#83

tert-Butylbenzene

Concen: 47.214 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

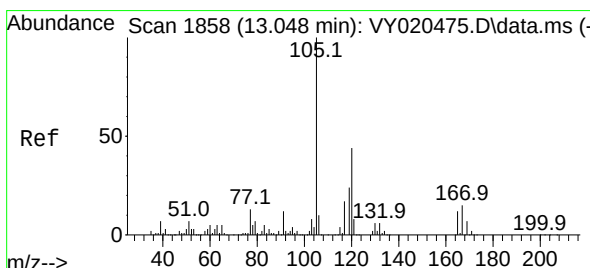
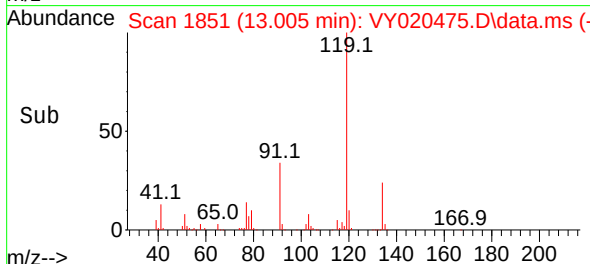
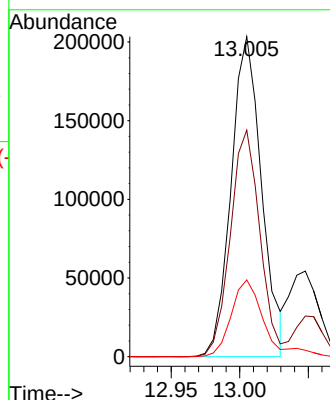
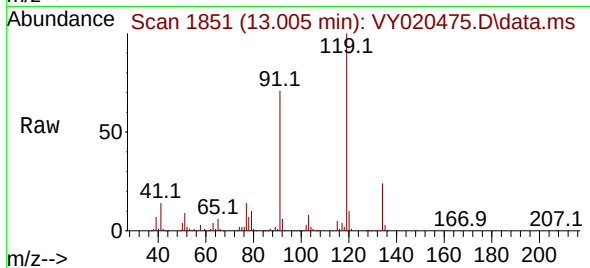
Tgt Ion:119 Resp: 315064

Ion	Ratio	Lower	Upper
119	100		
91	68.4	33.3	99.9
134	25.8	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#84

1,2,4-Trimethylbenzene

Concen: 47.860 ug/l

RT: 13.048 min Scan# 1858

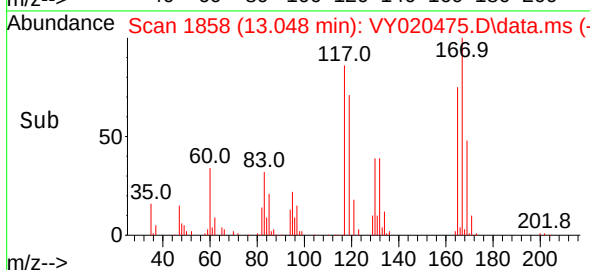
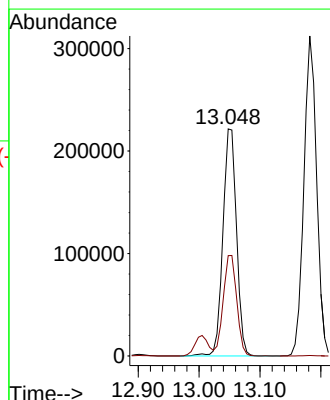
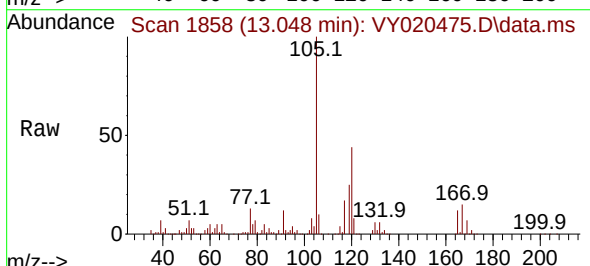
Delta R.T. 0.006 min

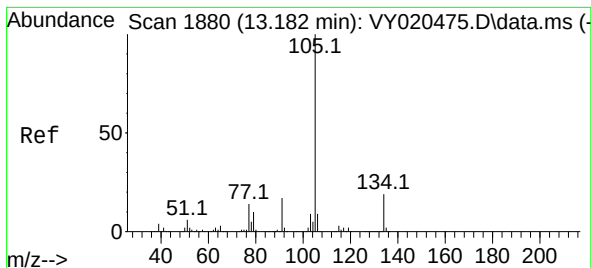
Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Tgt Ion:105 Resp: 343348

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.0	66.0





#85

sec-Butylbenzene

Concen: 47.354 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 452869

Ion Ratio Lower Upper

105 100

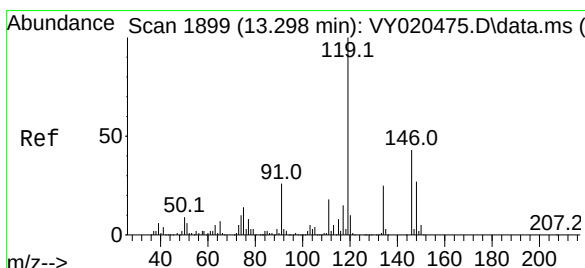
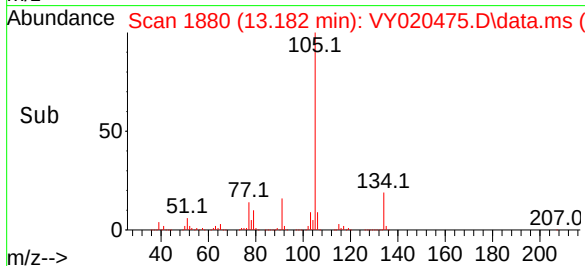
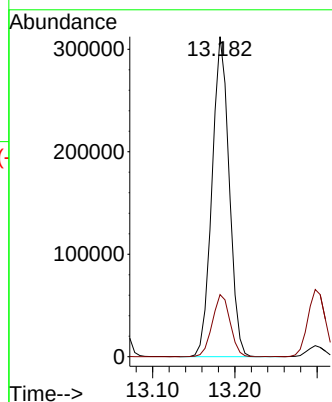
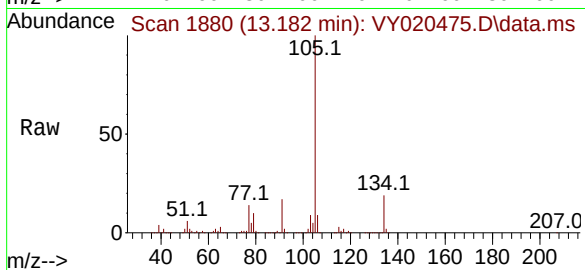
134 20.1 9.8 29.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#86

p-Isopropyltoluene

Concen: 47.902 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

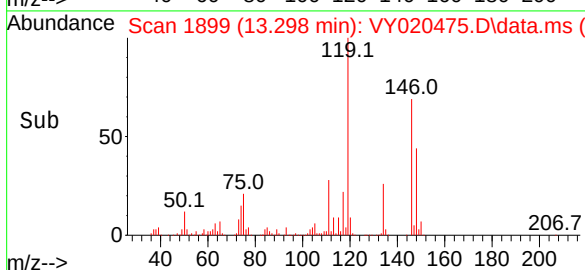
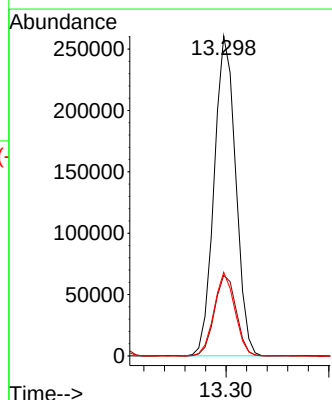
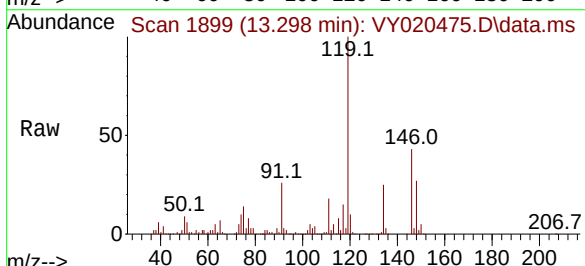
Tgt Ion:119 Resp: 378563

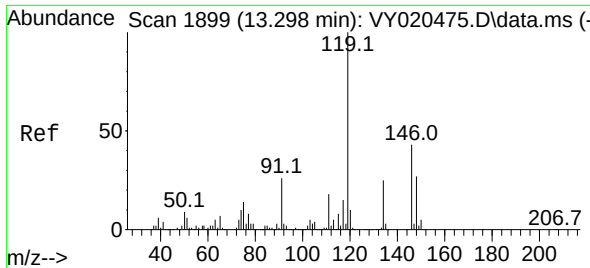
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 25.2 12.3 36.8





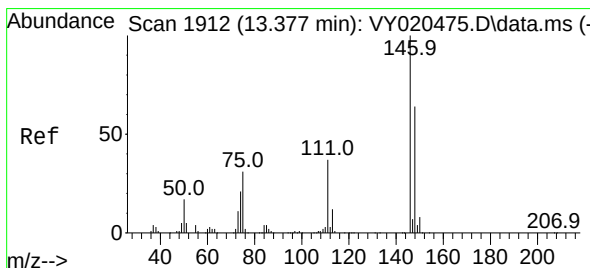
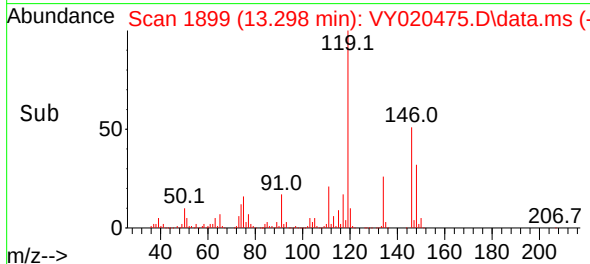
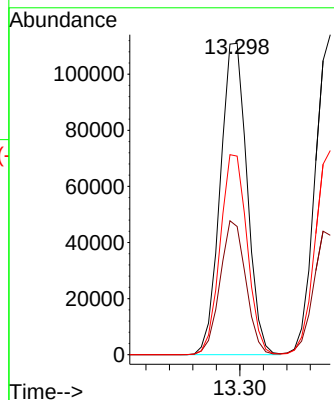
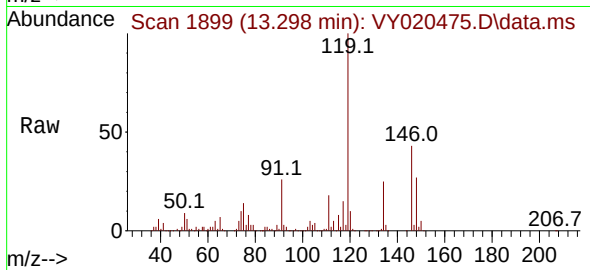
#87
1,3-Dichlorobenzene
Concen: 47.777 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 175749
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 64.5 32.1 96.5

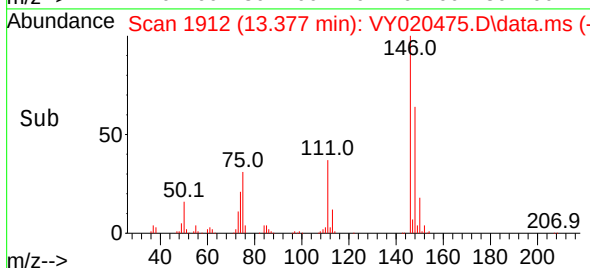
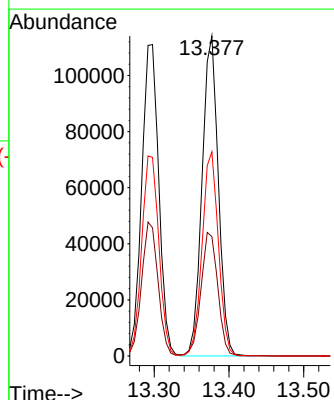
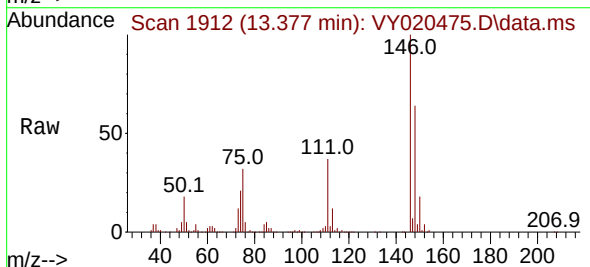
Manual Integrations
APPROVED

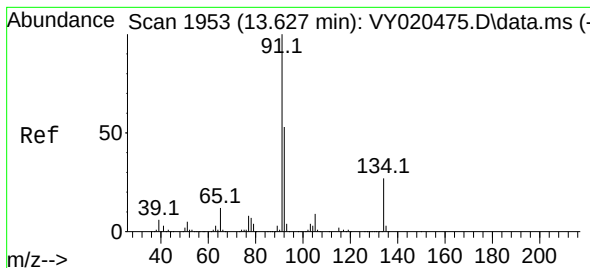
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#88
1,4-Dichlorobenzene
Concen: 47.832 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion:146 Resp: 172249
Ion Ratio Lower Upper
146 100
111 39.8 19.9 59.6
148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 48.055 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

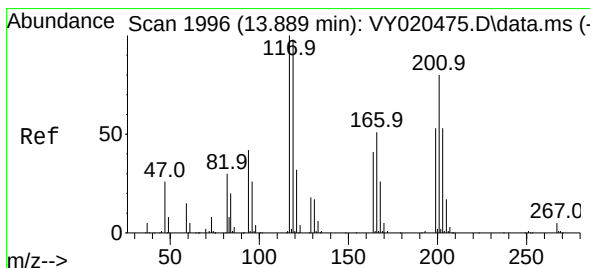
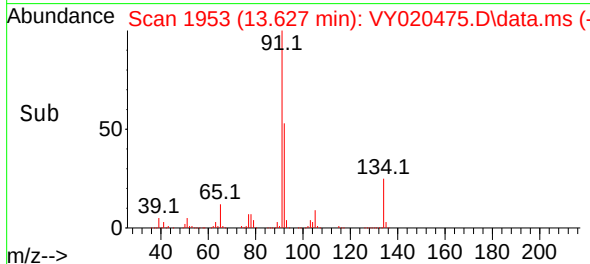
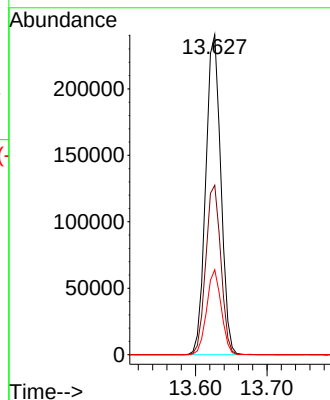
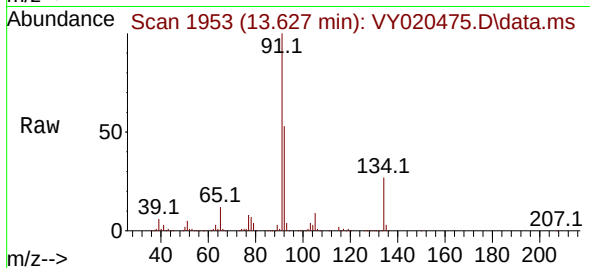
VSTDICCC050

Tgt Ion:	91	Resp:	35222
Ion Ratio	Lower	Upper	
91	100		
92	53.1	26.5	79.5
134	25.7	12.2	36.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#90

Hexachloroethane

Concen: 46.902 ug/l

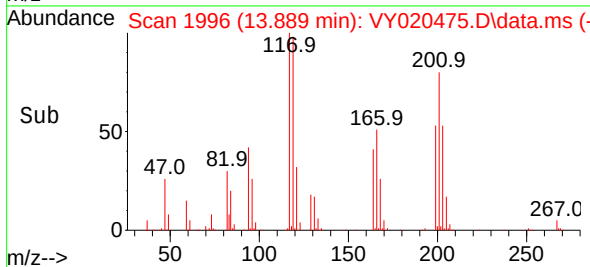
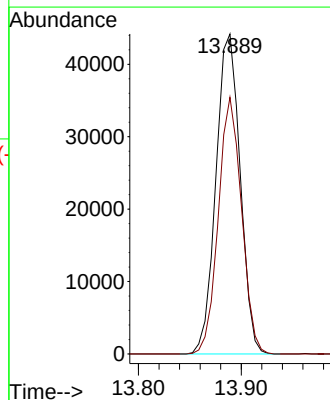
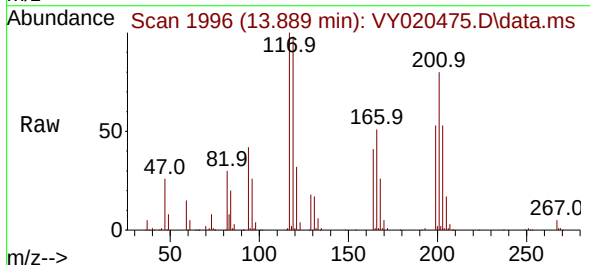
RT: 13.889 min Scan# 1996

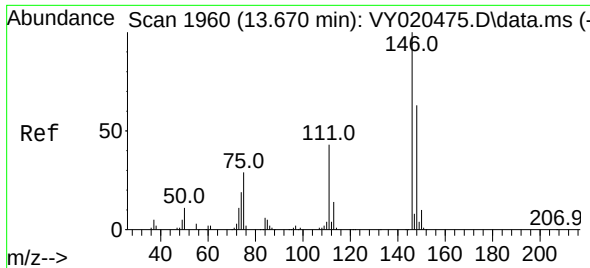
Delta R.T. 0.012 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

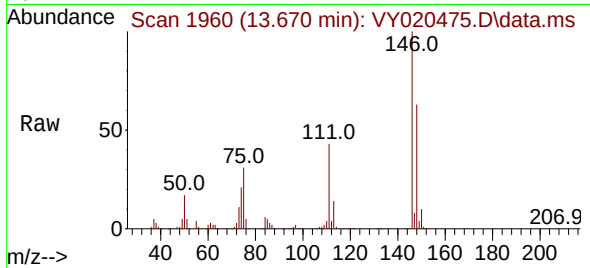
Tgt Ion:	117	Resp:	72237
Ion Ratio	Lower	Upper	
117	100		
201	77.0	37.1	111.3





#91
1,2-Dichlorobenzene
Concen: 48.195 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

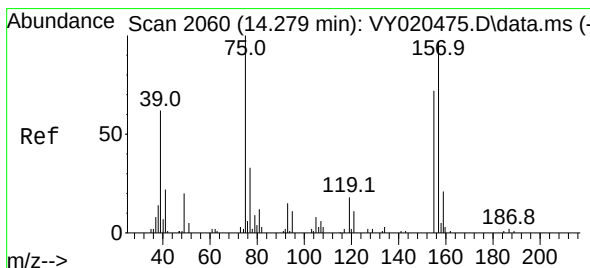
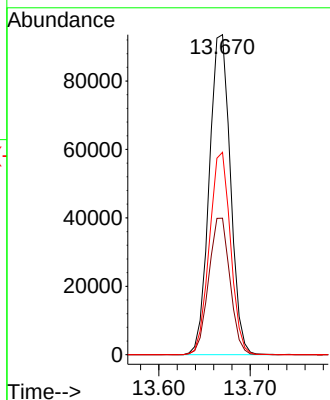
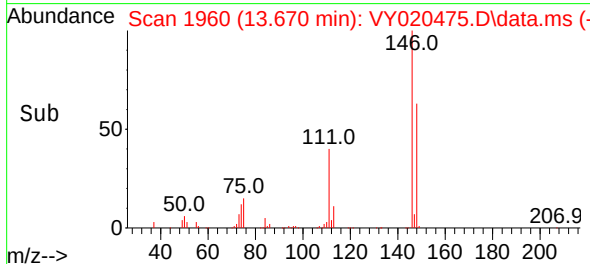
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 150349
Ion Ratio Lower Upper
146 100
111 43.0 20.8 62.5
148 63.1 31.8 95.4

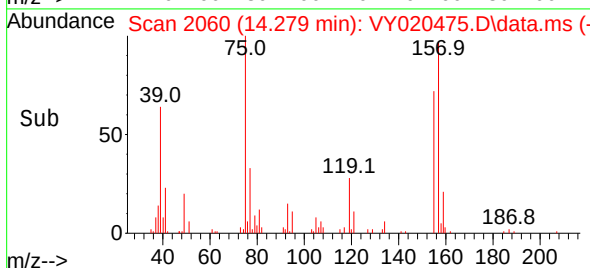
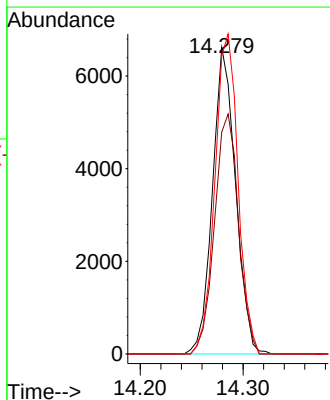
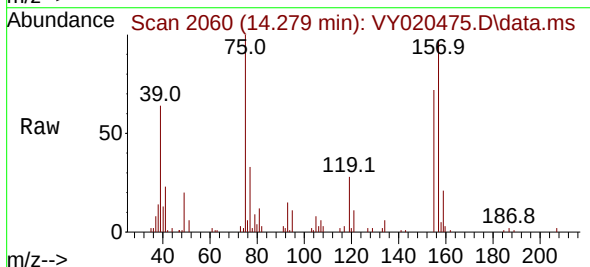
Manual Integrations
APPROVED

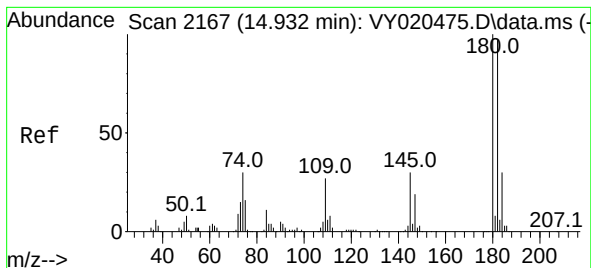
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.412 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion: 75 Resp: 10309
Ion Ratio Lower Upper
75 100
155 81.2 39.7 119.1
157 104.5 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 49.983 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.012 min

Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

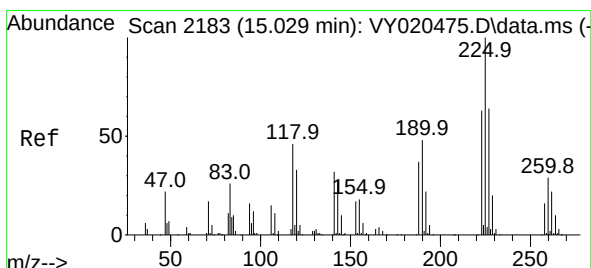
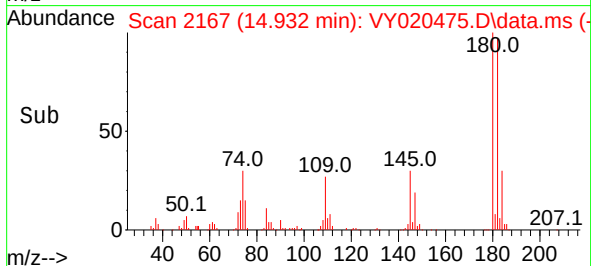
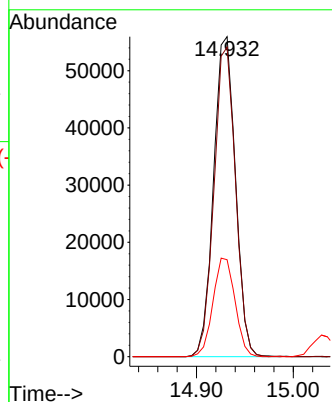
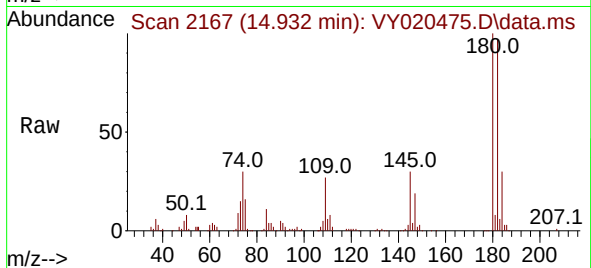
Tgt Ion:180 Resp: 87670

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.8
145	31.1	15.8	47.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#94

Hexachlorobutadiene

Concen: 50.079 ug/l

RT: 15.029 min Scan# 2183

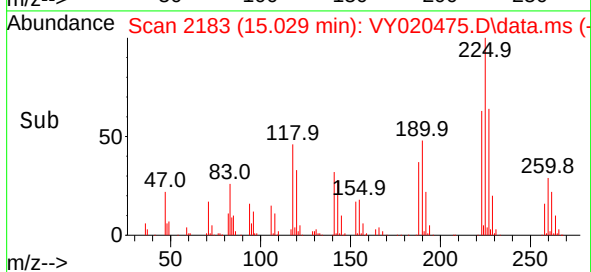
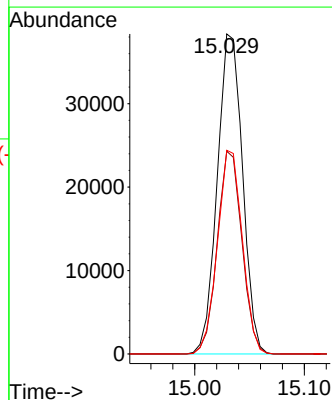
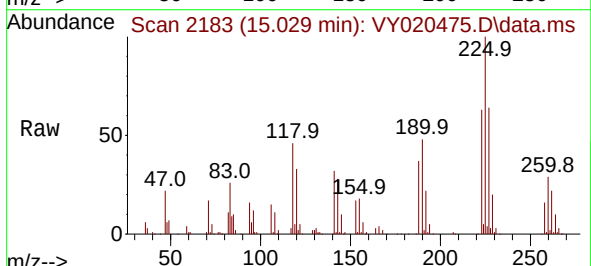
Delta R.T. 0.006 min

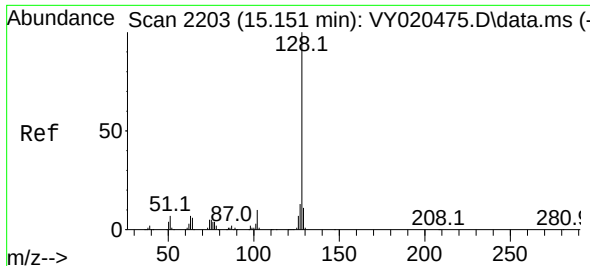
Lab File: VY020475.D

Acq: 02 Dec 2024 10:24

Tgt Ion:225 Resp: 61454

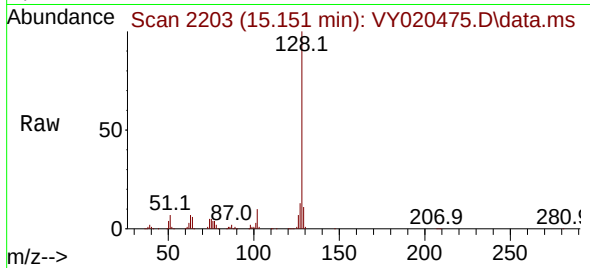
Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.9	95.5
227	62.7	32.3	96.8





#95
Naphthalene
Concen: 53.869 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

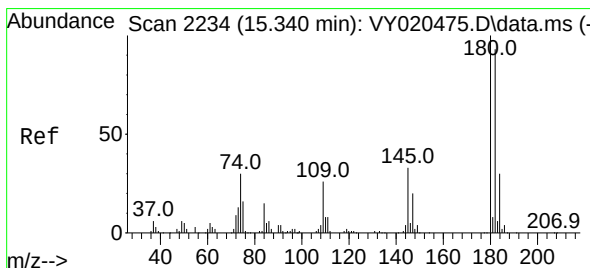
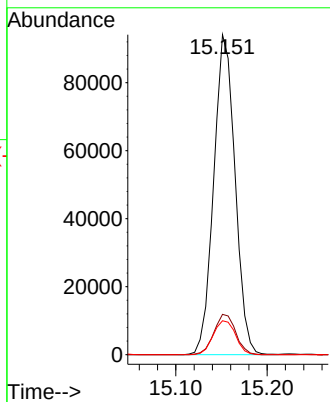
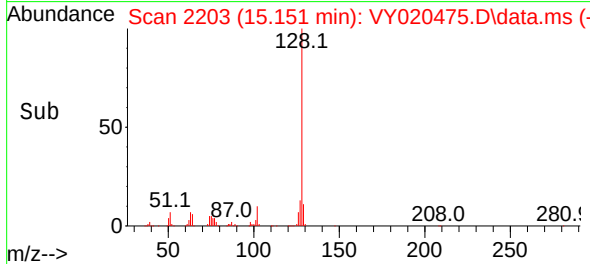
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 152909
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.023 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.012 min
Lab File: VY020475.D
Acq: 02 Dec 2024 10:24

Tgt Ion:180 Resp: 72218
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.3
145 33.5 16.9 50.6

