

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020558.D
 Acq On : 09 Dec 2024 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 04:02:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	123557	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	208032	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	185014	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	95016	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	85268	67.856	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.720%	
35) Dibromofluoromethane	7.628	113	79503	60.705	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.420%	
50) Toluene-d8	10.103	98	282308	56.609	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.220%	
62) 4-Bromofluorobenzene	12.401	95	106904	61.292	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 122.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	66660	55.309	ug/l	97
3) Chloromethane	2.068	50	73744	60.432	ug/l	99
4) Vinyl Chloride	2.202	62	71869	57.764	ug/l	97
5) Bromomethane	2.592	94	47467	65.022	ug/l	98
6) Chloroethane	2.732	64	47227	61.931	ug/l	99
7) Trichlorofluoromethane	3.056	101	128967	55.345	ug/l	96
8) Diethyl Ether	3.452	74	49243	74.583	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.812	101	77574	57.134	ug/l	98
10) Methyl Iodide	4.001	142	100002	65.608	ug/l	97
11) Tert butyl alcohol	4.854	59	35982	441.419	ug/l	99
12) 1,1-Dichloroethene	3.787	96	76435	59.593	ug/l	88
13) Acrolein	3.653	56	15537	203.579	ug/l	97
14) Allyl chloride	4.385	41	140480	61.410	ug/l	94
15) Acrylonitrile	5.049	53	113342	412.009	ug/l	98
16) Acetone	3.866	43	99248	317.644	ug/l	100
17) Carbon Disulfide	4.104	76	229237	62.446	ug/l	99
18) Methyl Acetate	4.385	43	61341	92.369	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	243910	74.464	ug/l	96
20) Methylene Chloride	4.610	84	93466	70.320	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	89274	62.666	ug/l	99
22) Diisopropyl ether	6.018	45	307166	67.525	ug/l	98
23) Vinyl Acetate	5.958	43	840810	349.455	ug/l	97
24) 1,1-Dichloroethane	5.915	63	173718	63.433	ug/l	98
25) 2-Butanone	6.890	43	147029	372.656	ug/l	98
26) 2,2-Dichloropropane	6.884	77	124437	48.040	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	109433	65.786	ug/l	94
28) Bromochloromethane	7.244	49	71182	69.603	ug/l	92
29) Tetrahydrofuran	7.262	42	92448	410.730	ug/l	96
30) Chloroform	7.421	83	181183	64.462	ug/l	96
31) Cyclohexane	7.695	56	130531	52.722	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	158297	58.489	ug/l	96
36) 1,1-Dichloropropene	7.835	75	118946	53.782	ug/l	99
37) Ethyl Acetate	6.982	43	64897	74.067	ug/l	97
38) Carbon Tetrachloride	7.817	117	139101	52.698	ug/l	97
39) Methylcyclohexane	9.103	83	143024	52.115	ug/l	98
40) Benzene	8.079	78	384408	58.951	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	30669	61.572	ug/l #	86
42) 1,2-Dichloroethane	8.152	62	112662	65.753	ug/l	99
43) Isopropyl Acetate	8.195	43	128208	72.463	ug/l #	88
44) Trichloroethene	8.859	130	94471	58.769	ug/l	99
45) 1,2-Dichloropropane	9.140	63	93902	61.538	ug/l	100
46) Dibromomethane	9.225	93	52369	69.316	ug/l	96
47) Bromodichloromethane	9.420	83	140178	62.975	ug/l	98
48) Methyl methacrylate	9.219	41	60093	72.836	ug/l	94
49) 1,4-Dioxane	9.225	88	12552	1738.110	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	333416	381.586	ug/l	98
52) Toluene	10.170	92	240842	59.198	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	127564	63.833	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	146670	62.102	ug/l	95
55) 1,1,2-Trichloroethane	10.566	97	70739	70.190	ug/l	96
56) Ethyl methacrylate	10.438	69	105383	73.900	ug/l	94
57) 1,3-Dichloropropane	10.713	76	123330	68.338	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	248527	372.229	ug/l	96
59) 2-Hexanone	10.755	43	228619	362.691	ug/l	94
60) Dibromochloromethane	10.908	129	95265	67.894	ug/l	100
61) 1,2-Dibromoethane	11.011	107	65609	71.187	ug/l	100
64) Tetrachloroethene	10.646	164	101849	65.149	ug/l	96
65) Chlorobenzene	11.438	112	264278	56.988	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	95236	57.907	ug/l	98
67) Ethyl Benzene	11.518	91	467317	53.761	ug/l	99
68) m/p-Xylenes	11.627	106	348354	109.443	ug/l	100
69) o-Xylene	11.950	106	167851	56.289	ug/l	100
70) Styrene	11.969	104	289302	58.152	ug/l	99
71) Bromoform	12.133	173	56726	67.839	ug/l #	99
73) Isopropylbenzene	12.255	105	440472	47.912	ug/l	99
74) N-amyl acetate	12.066	43	114261	63.412	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	79558	60.177	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	105117	108.602	ug/l #	100
77) Bromobenzene	12.530	156	103518	54.373	ug/l	96
78) n-propylbenzene	12.590	91	523963	48.138	ug/l	98
79) 2-Chlorotoluene	12.676	91	311331	50.690	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	366851	49.795	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	26493	56.162	ug/l	93
82) 4-Chlorotoluene	12.773	91	317879	50.717	ug/l	100
83) tert-Butylbenzene	12.999	119	325628	48.888	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	368965	51.526	ug/l	99
85) sec-Butylbenzene	13.176	105	461712	48.369	ug/l	99
86) p-Isopropyltoluene	13.292	119	393728	49.914	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	198440	54.046	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	197605	54.975	ug/l	100
89) n-Butylbenzene	13.615	91	361502	49.412	ug/l	99
90) Hexachloroethane	13.877	117	77763	50.584	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	178203	57.232	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13344	66.672	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	111618	63.750	ug/l	99
94) Hexachlorobutadiene	15.023	225	68133	55.625	ug/l	97
95) Naphthalene	15.145	128	212996	75.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	96880	68.575	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

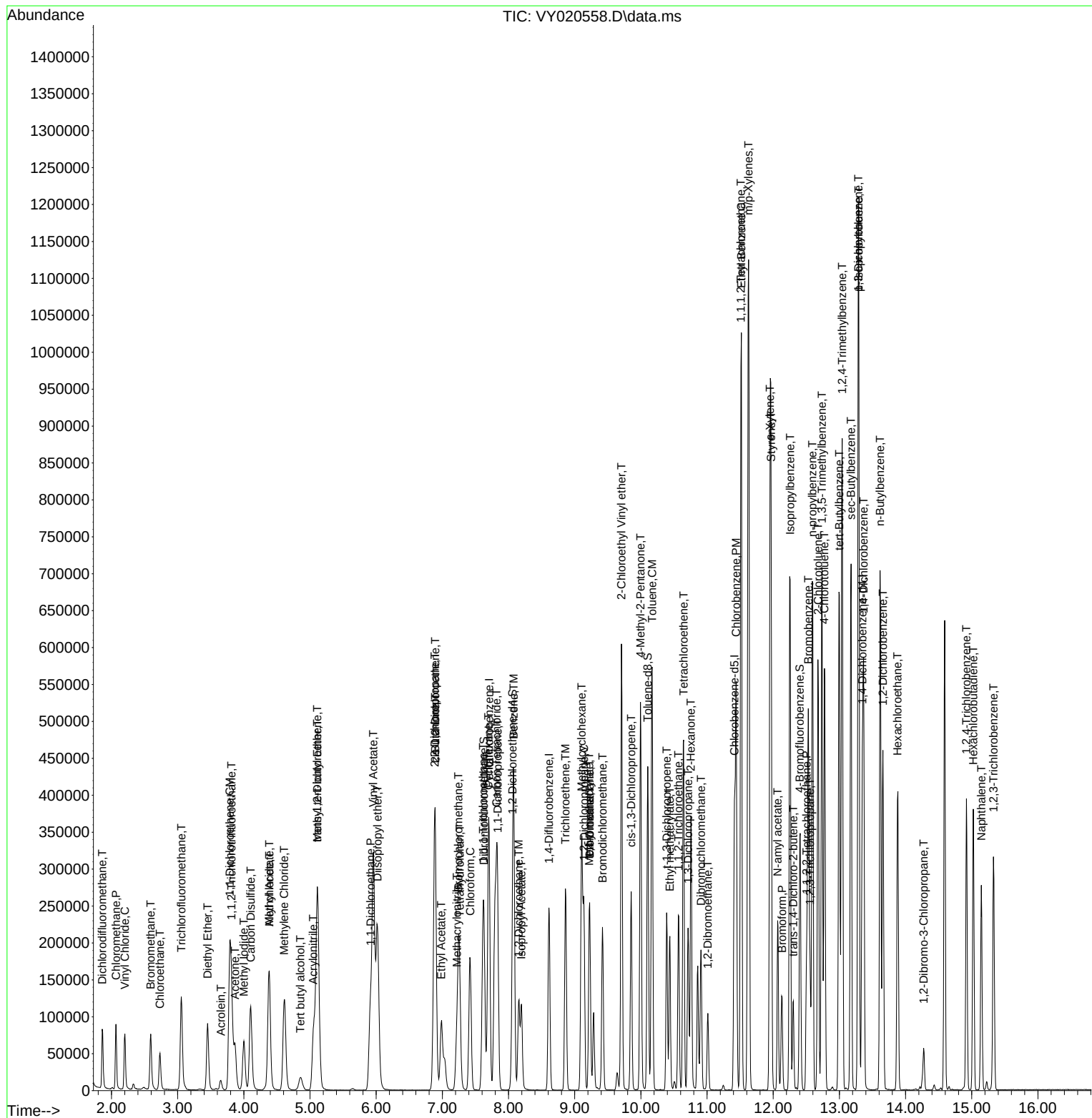
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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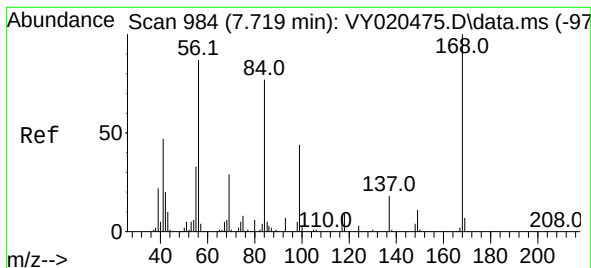
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY020558.D

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Instrument :

MSVOA_Y

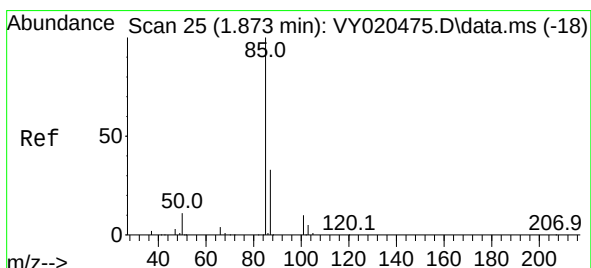
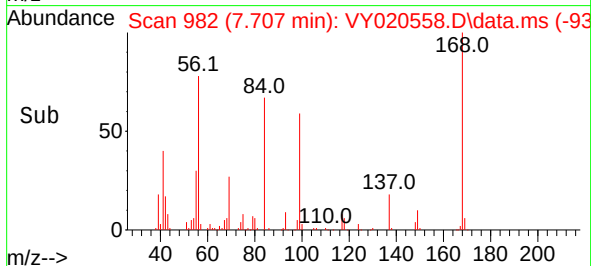
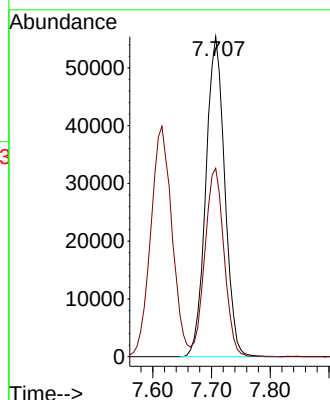
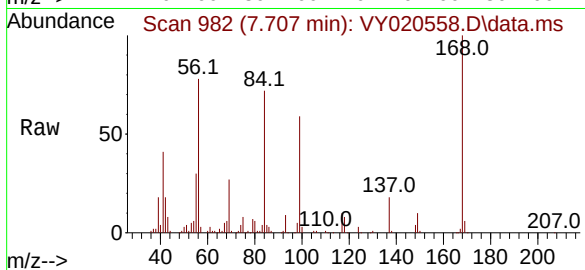
ClientSampleId :

Tgt Ion:168 Resp: 123557

Ion Ratio Lower Upper

168 100

99 58.9 46.6 69.8



#2

Dichlorodifluoromethane

Concen: 55.309 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.012 min

Lab File: VY020558.D

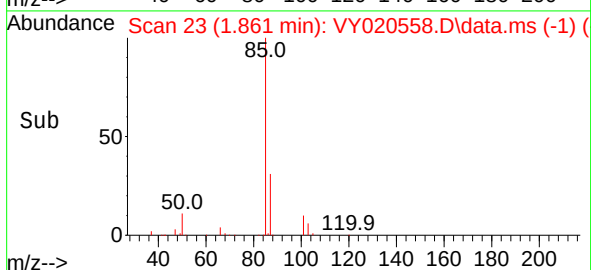
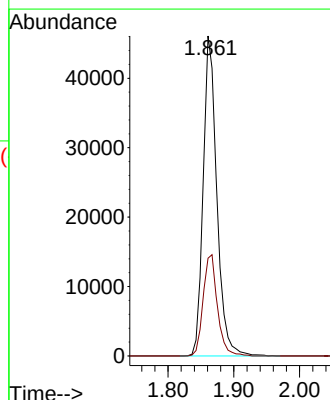
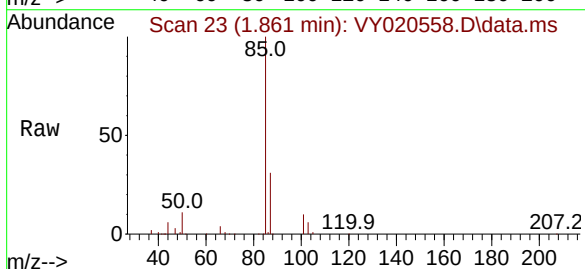
Acq: 09 Dec 2024 16:30

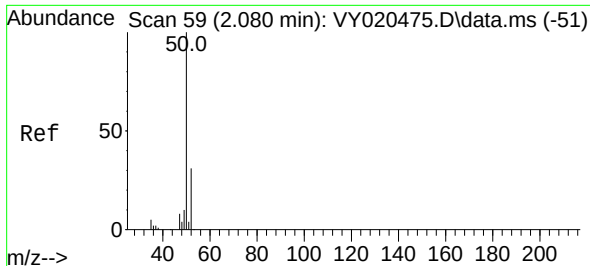
Tgt Ion: 85 Resp: 66660

Ion Ratio Lower Upper

85 100

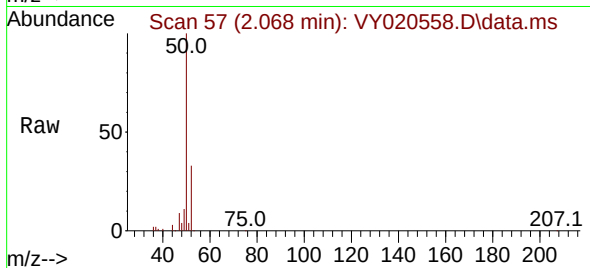
87 30.6 16.1 48.2



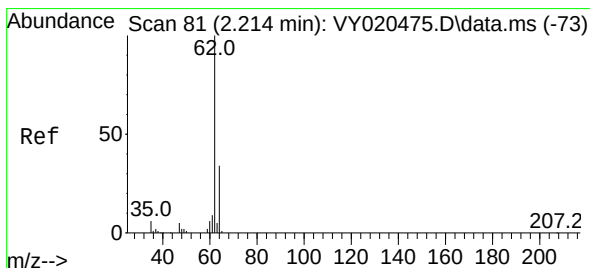
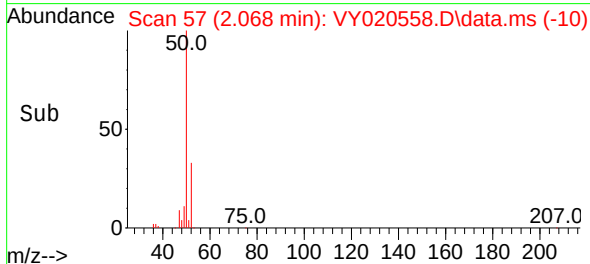
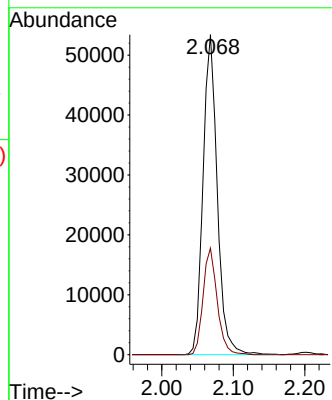


#3
Chloromethane
Concen: 60.432 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

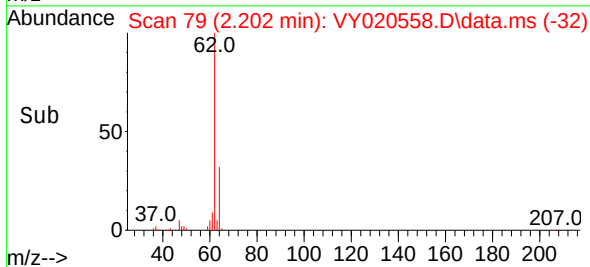
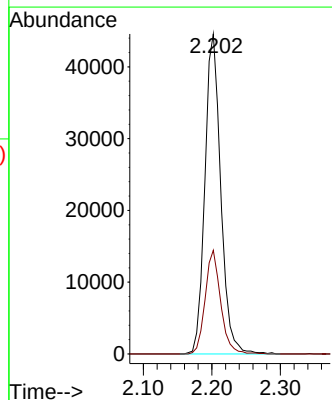
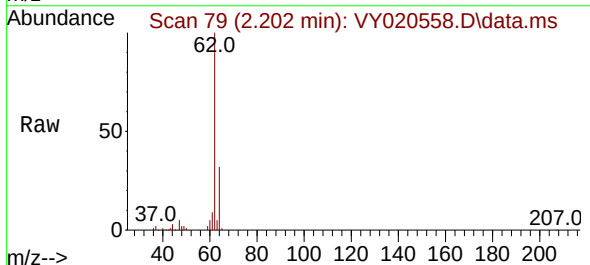


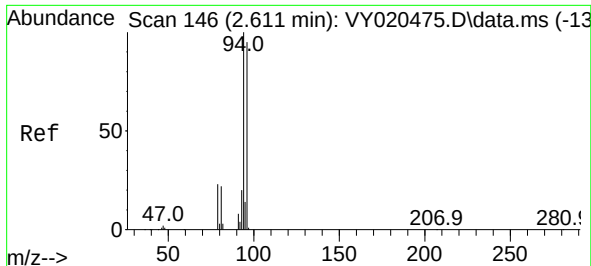
Tgt Ion: 50 Resp: 73744
Ion Ratio Lower Upper
50 100
52 33.3 26.9 40.3



#4
Vinyl Chloride
Concen: 57.764 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 62 Resp: 71869
Ion Ratio Lower Upper
62 100
64 32.4 24.7 37.1

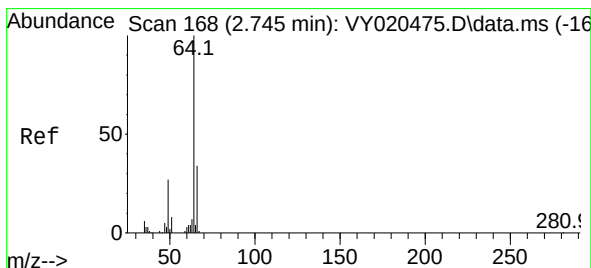
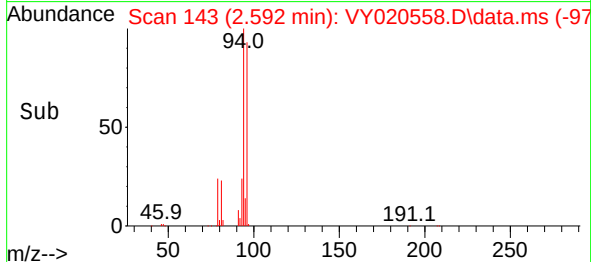
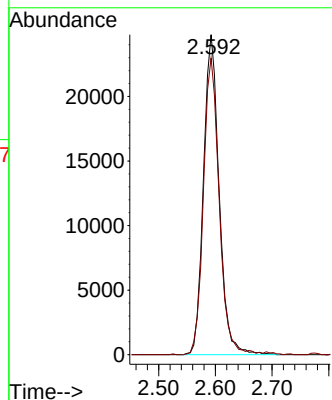
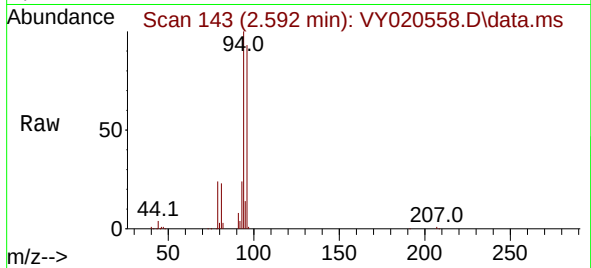




#5
Bromomethane
Concen: 65.022 ug/l
RT: 2.592 min Scan# 146
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

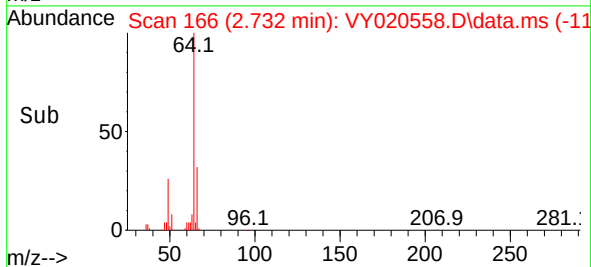
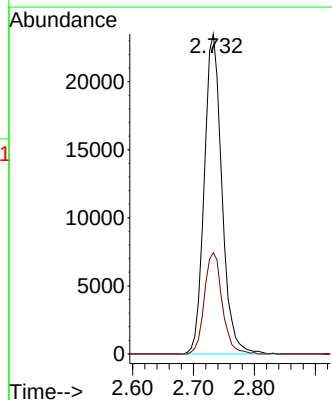
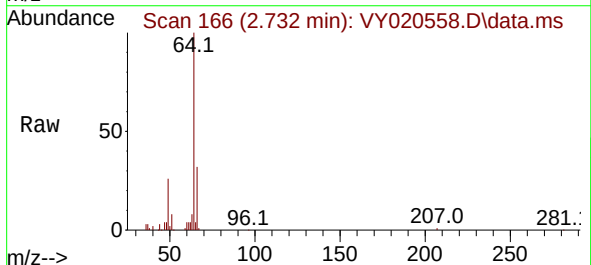
Instrument :
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ClientSampleId :

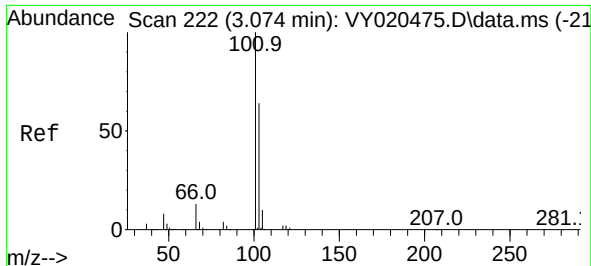
Tgt Ion: 94 Resp: 47467
Ion Ratio Lower Upper
94 100
96 92.7 75.4 113.2



#6
Chloroethane
Concen: 61.931 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 64 Resp: 47227
Ion Ratio Lower Upper
64 100
66 31.6 25.7 38.5

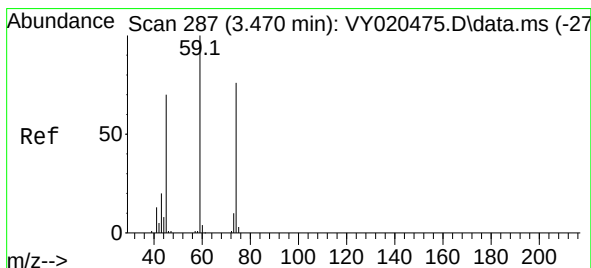
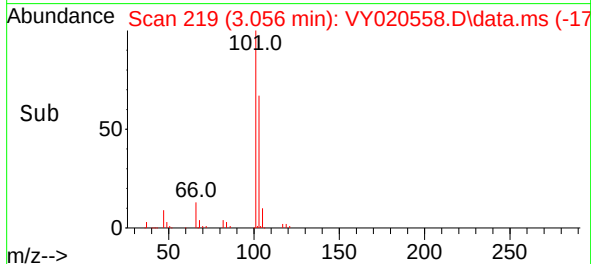
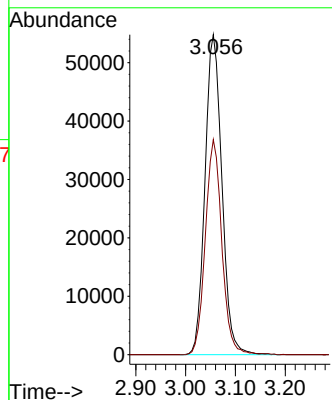
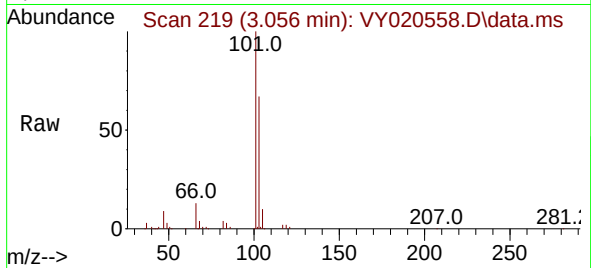




#7
Trichlorofluoromethane
Concen: 55.345 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

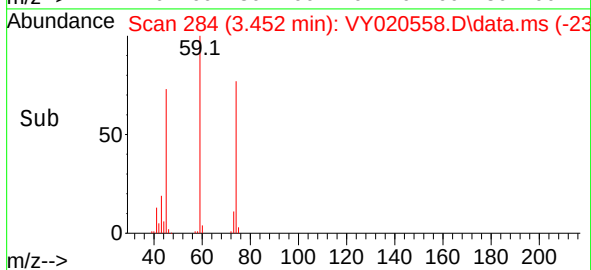
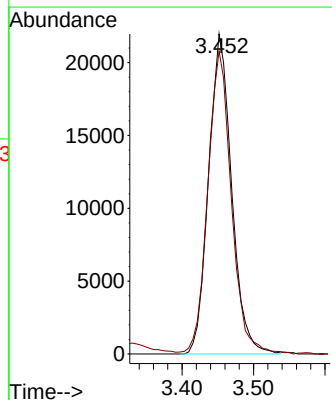
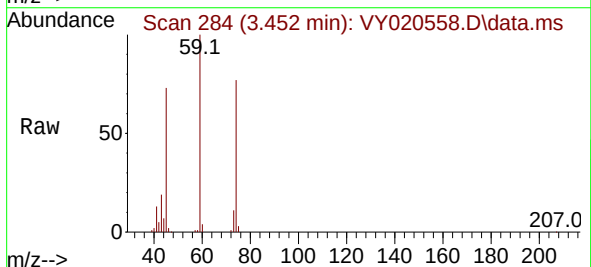
Instrument :
MSVOA_Y
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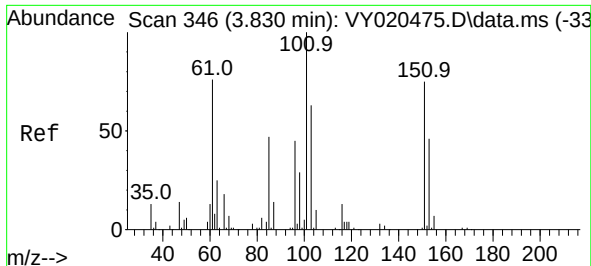
Tgt Ion:101 Resp: 128967
Ion Ratio Lower Upper
101 100
103 67.2 51.5 77.3



#8
Diethyl Ether
Concen: 74.583 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 74 Resp: 49243
Ion Ratio Lower Upper
74 100
45 96.8 53.6 160.8

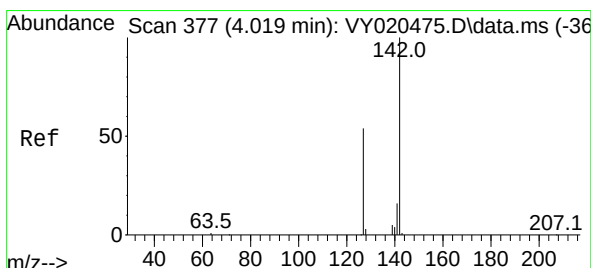
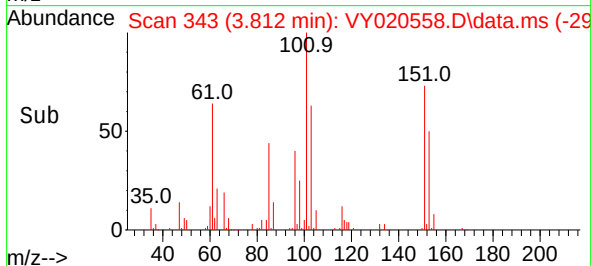
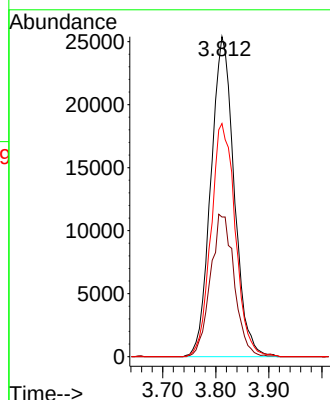
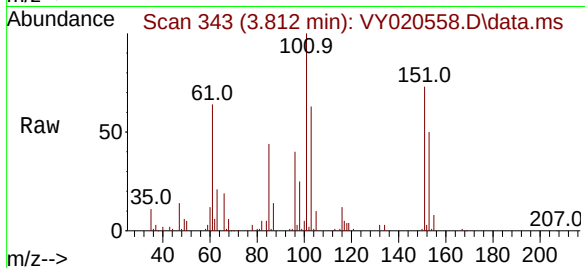




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.134 ug/l
RT: 3.812 min Scan# 346
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

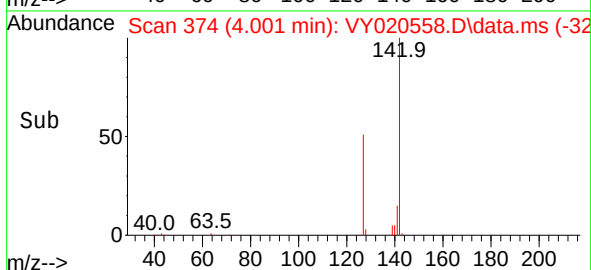
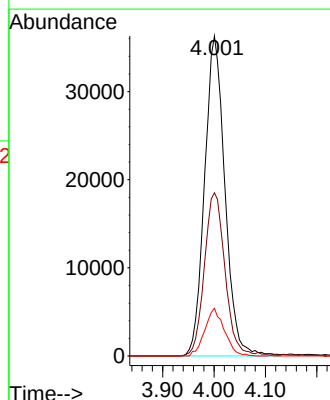
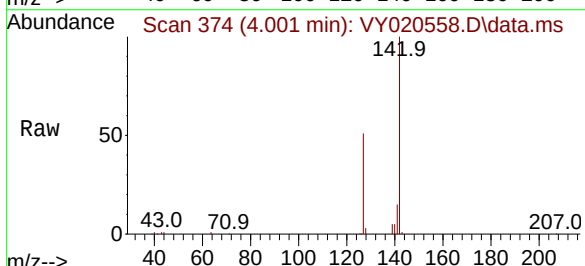
Instrument :
MSVOA_Y
ClientSampleId :

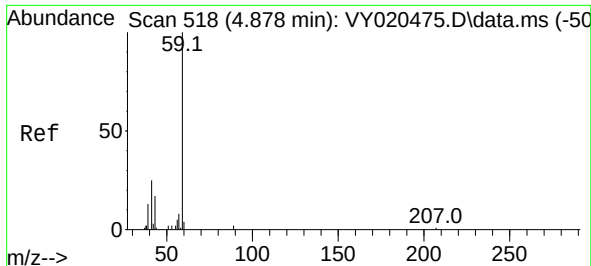
Tgt Ion:101 Resp: 77574
Ion Ratio Lower Upper
101 100
85 45.4 38.0 57.0
151 76.0 59.6 89.4



#10
Methyl Iodide
Concen: 65.608 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion:142 Resp: 100002
Ion Ratio Lower Upper
142 100
127 51.5 38.9 58.3
141 14.3 11.7 17.5

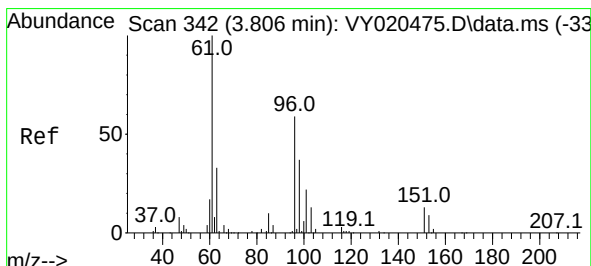
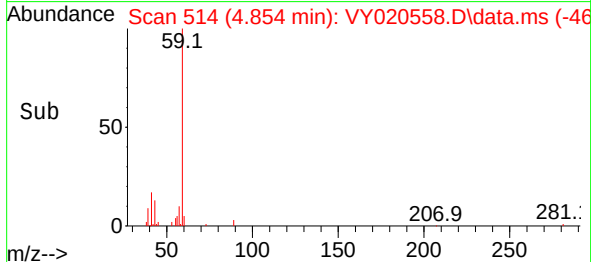
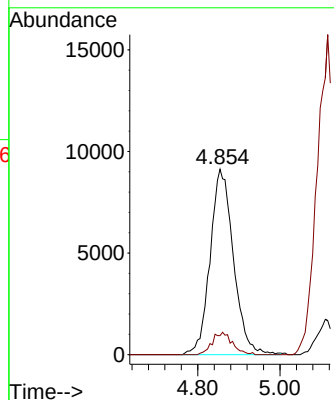
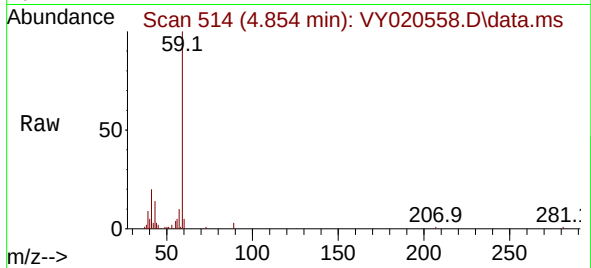




#11
Tert butyl alcohol
Concen: 441.419 ug/l
RT: 4.854 min Scan# 518
Delta R.T. -0.024 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

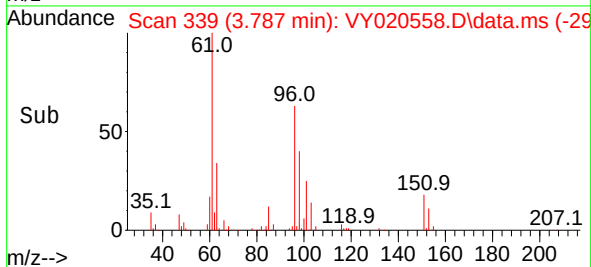
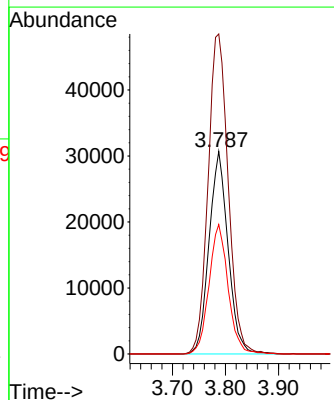
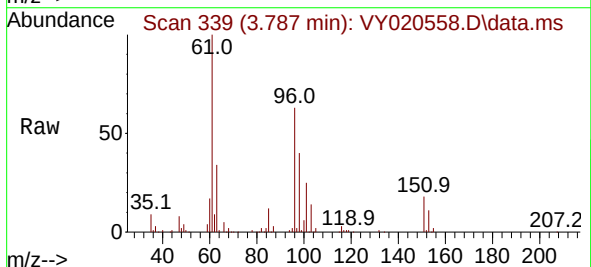
Instrument :
MSVOA_Y
ClientSampleId :

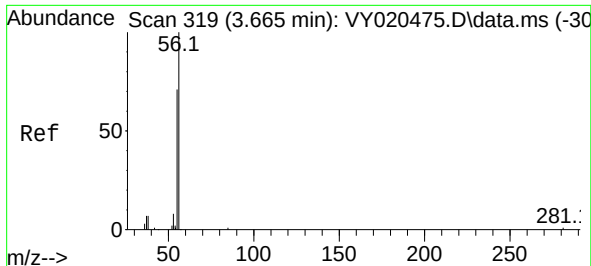
Tgt Ion: 59 Resp: 35982
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 59.593 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 96 Resp: 76435
Ion Ratio Lower Upper
96 100
61 158.0 143.3 214.9
98 63.9 49.8 74.8

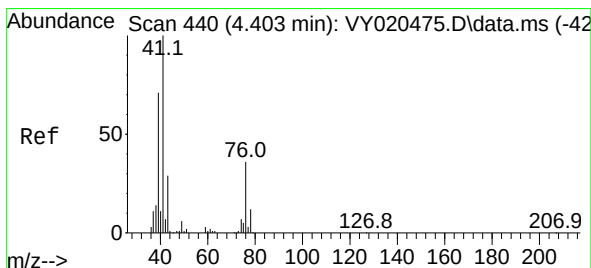
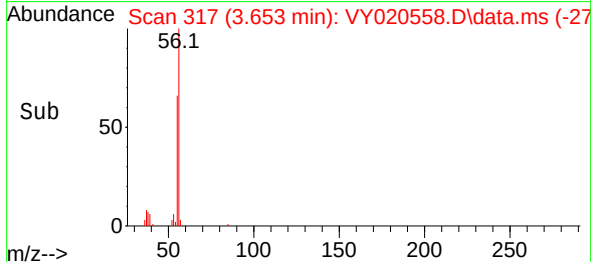
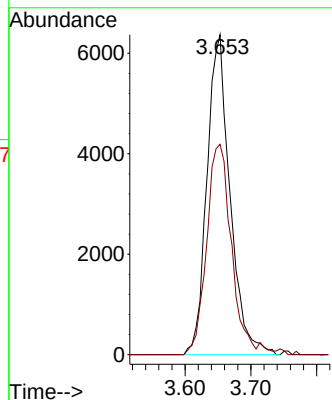
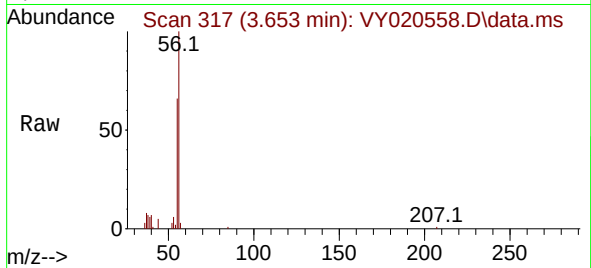




#13
Acrolein
Concen: 203.579 ug/l
RT: 3.653 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

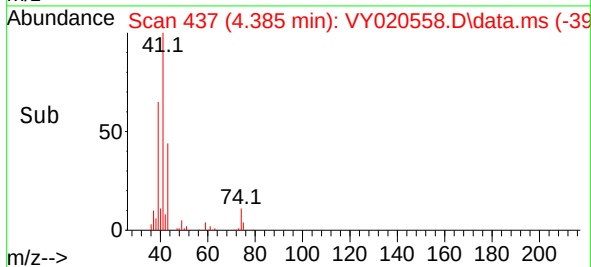
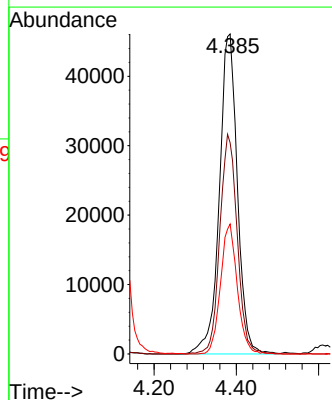
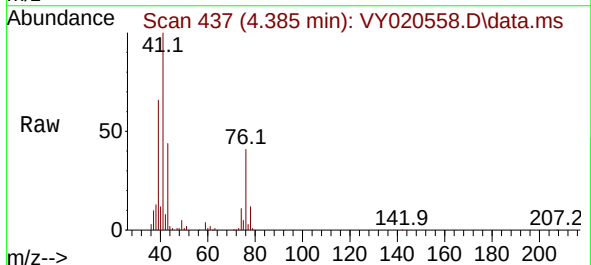
Instrument :
MSVOA_Y
ClientSampleId :

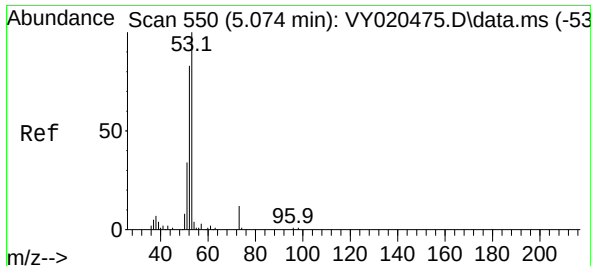
Tgt Ion: 56 Resp: 15537
Ion Ratio Lower Upper
56 100
55 69.7 57.7 86.5



#14
Allyl chloride
Concen: 61.410 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 41 Resp: 140480
Ion Ratio Lower Upper
41 100
39 66.2 58.8 88.2
76 37.7 29.7 44.5





#15

Acrylonitrile

Concen: 412.009 ug/l

RT: 5.049 min Scan# 54

Delta R.T. -0.024 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

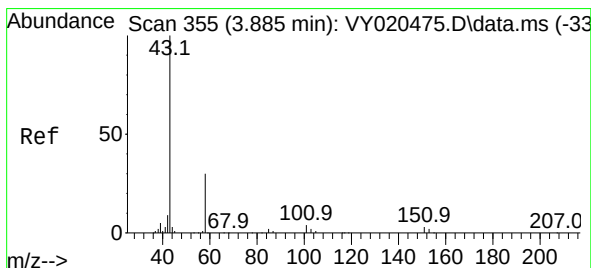
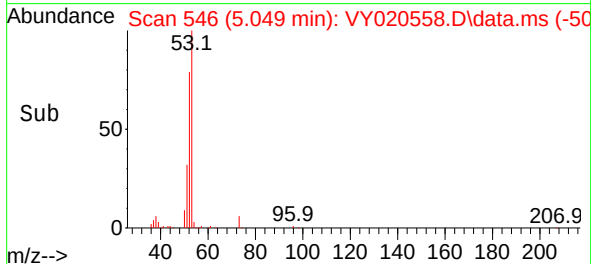
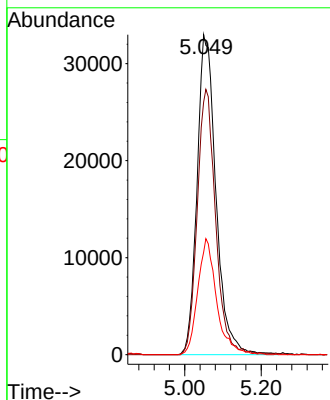
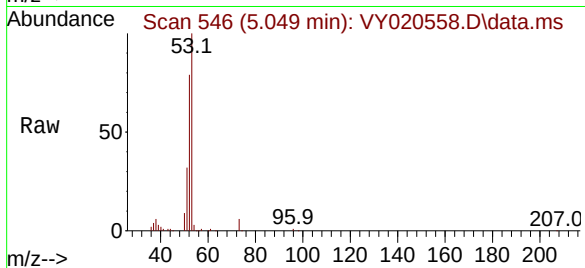
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 53 Resp: 113342

Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.2	97.8
51	36.1	30.2	45.4



#16

Acetone

Concen: 317.644 ug/l

RT: 3.866 min Scan# 352

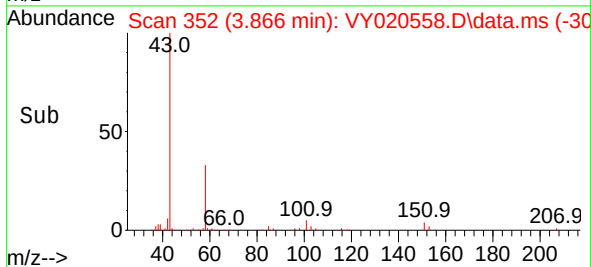
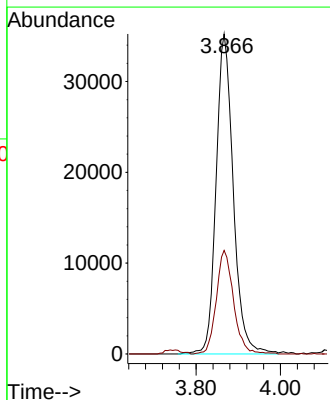
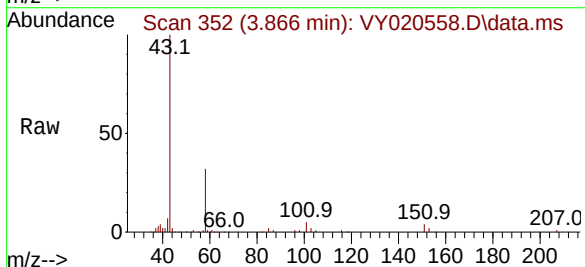
Delta R.T. -0.018 min

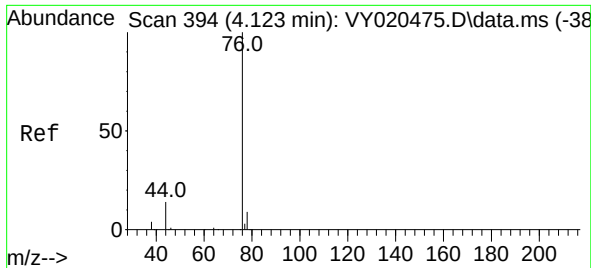
Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Tgt Ion: 43 Resp: 99248

Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.7	38.5

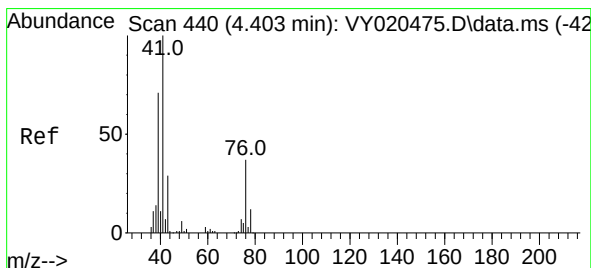
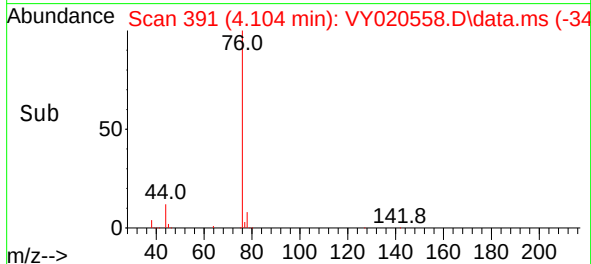
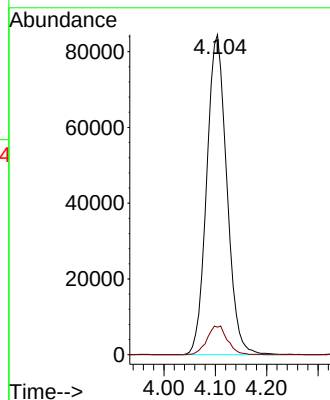
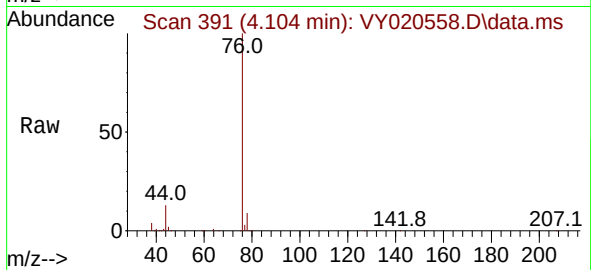




#17
Carbon Disulfide
Concen: 62.446 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

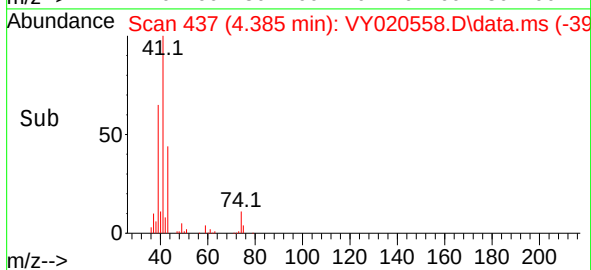
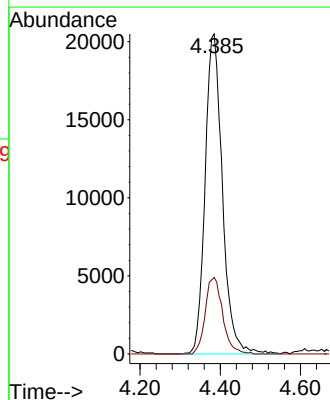
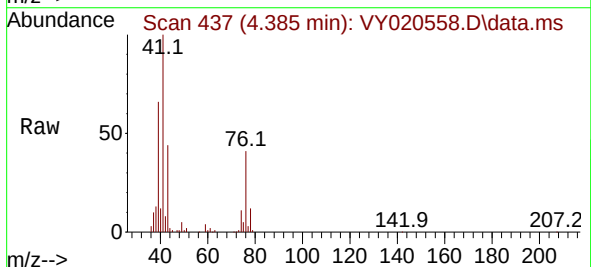
Instrument :
MSVOA_Y
ClientSampleId :

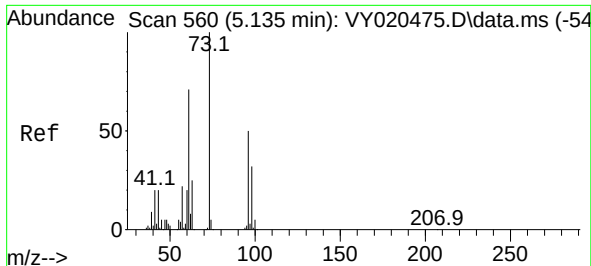
Tgt Ion: 76 Resp: 229237
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 92.369 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 43 Resp: 61341
Ion Ratio Lower Upper
43 100
74 24.1 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 74.464 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

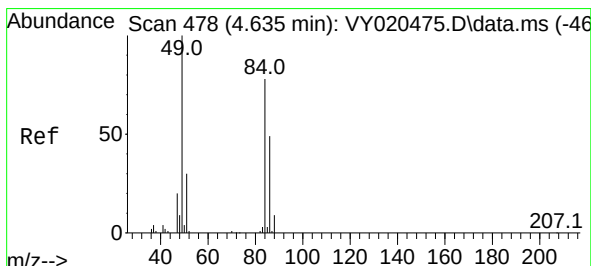
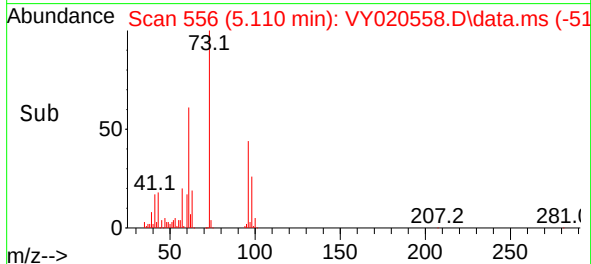
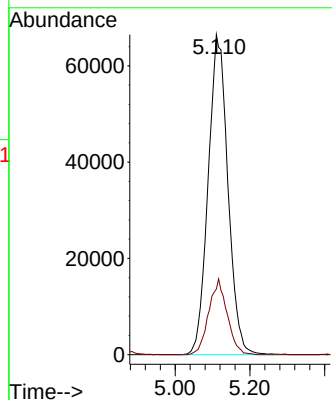
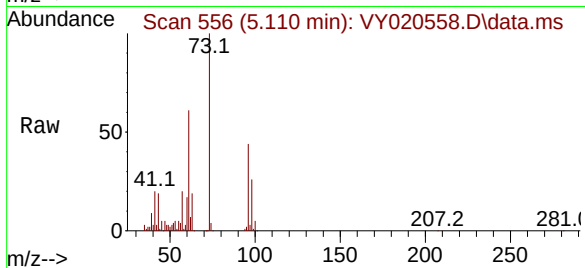
ClientSampleId :

Tgt Ion: 73 Resp: 243910

Ion Ratio Lower Upper

73 100

57 20.5 18.0 27.0



#20

Methylene Chloride

Concen: 70.320 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.024 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Tgt Ion: 84 Resp: 93466

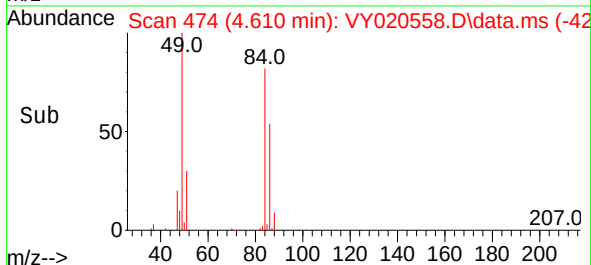
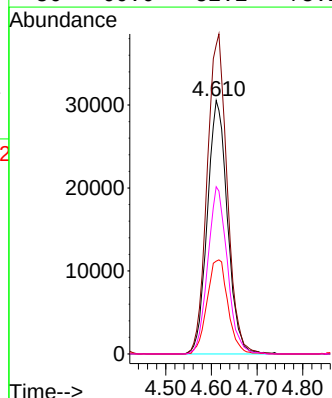
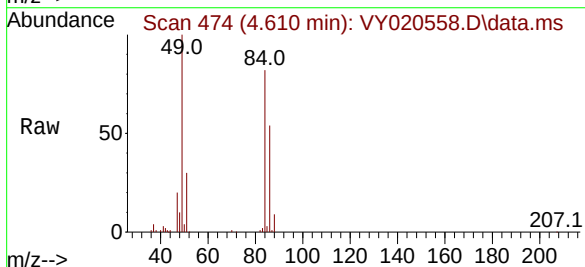
Ion Ratio Lower Upper

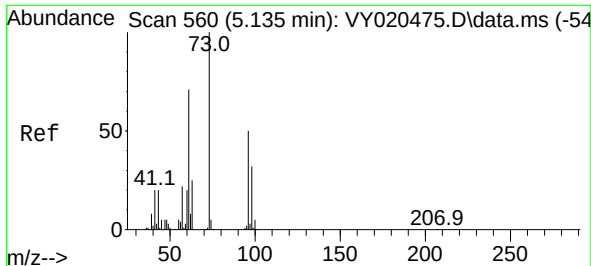
84 100

49 121.9 104.7 157.1

51 36.6 33.4 50.0

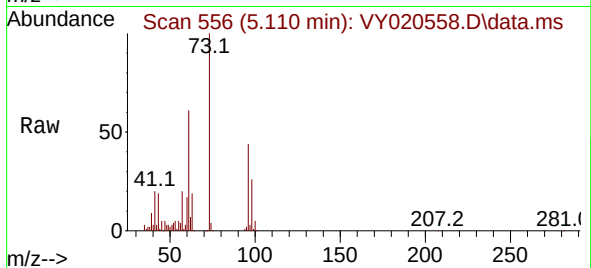
86 66.0 52.2 78.2



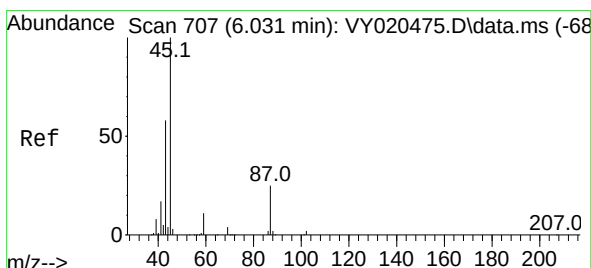
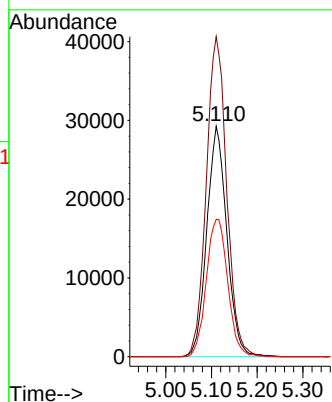
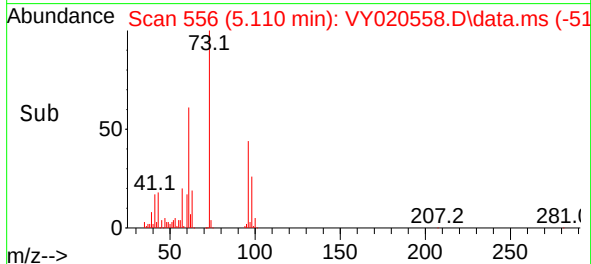


#21
trans-1,2-Dichloroethene
Concen: 62.666 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

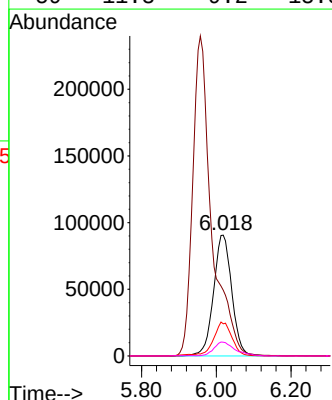
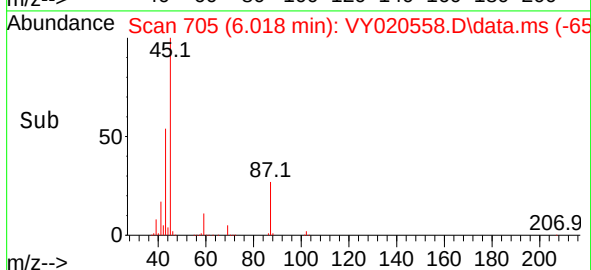
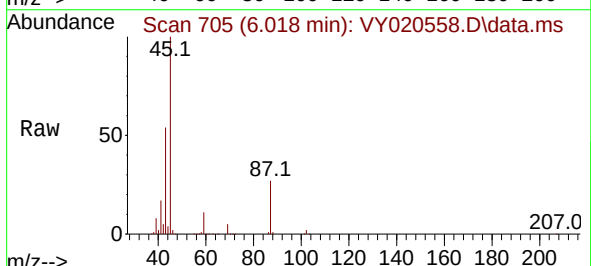


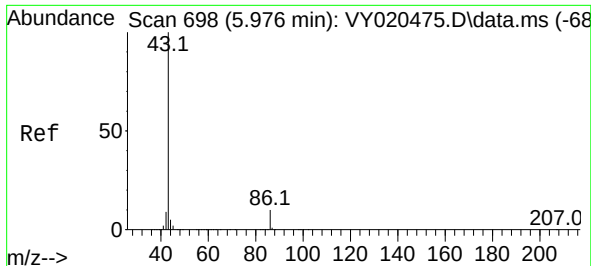
Tgt Ion: 96 Resp: 89274
Ion Ratio Lower Upper
96 100
61 138.9 111.6 167.4
98 59.6 46.7 70.1



#22
Diisopropyl ether
Concen: 67.525 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 45 Resp: 307166
Ion Ratio Lower Upper
45 100
43 54.0 44.8 67.2
87 26.6 20.6 30.8
59 11.3 9.2 13.8





#23

Vinyl Acetate

Concen: 349.455 ug/l

RT: 5.958 min Scan# 64

Delta R.T. -0.018 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

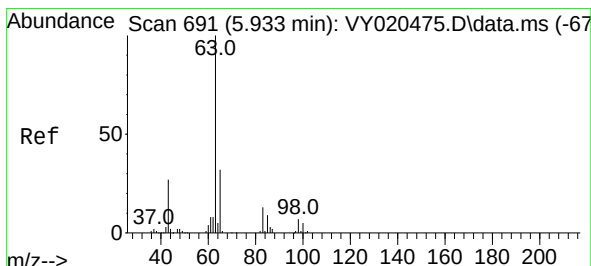
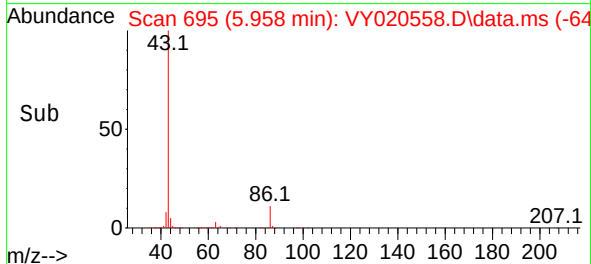
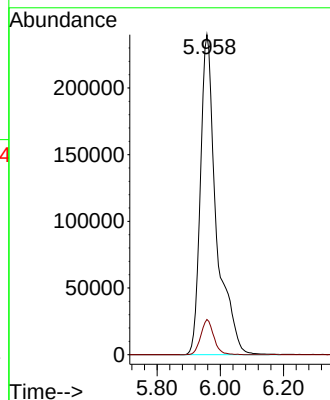
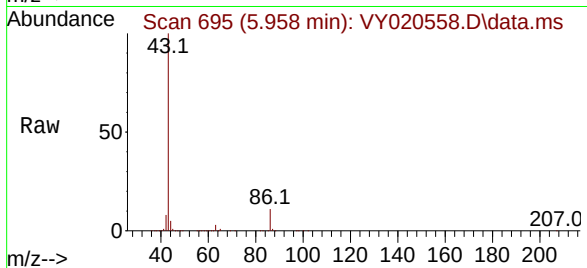
ClientSampleId :

Tgt Ion: 43 Resp: 840810

Ion Ratio Lower Upper

43 100

86 11.0 8.0 12.0



#24

1,1-Dichloroethane

Concen: 63.433 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.018 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

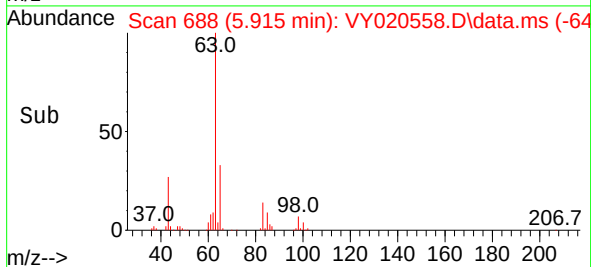
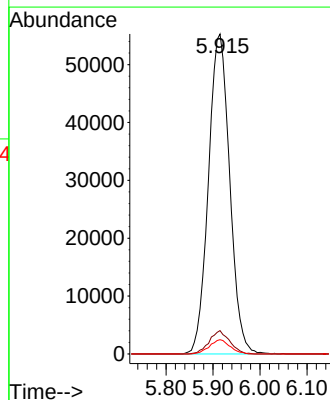
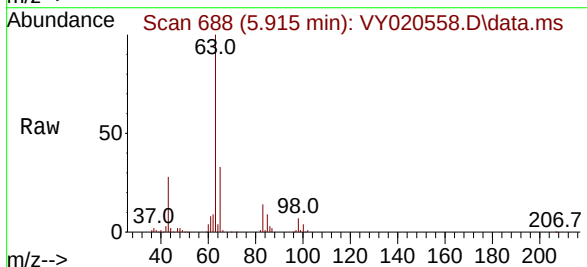
Tgt Ion: 63 Resp: 173718

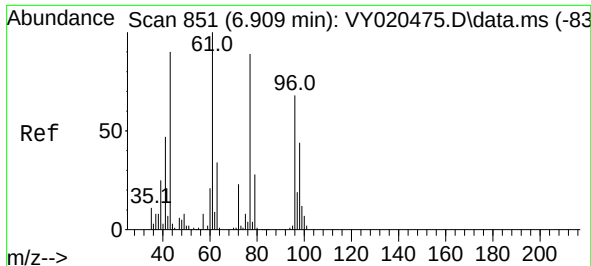
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 4.5 2.0 5.8





#25

2-Butanone

Concen: 372.656 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

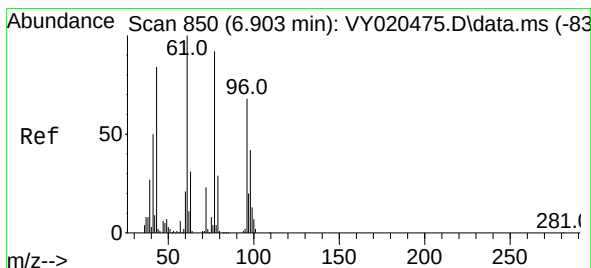
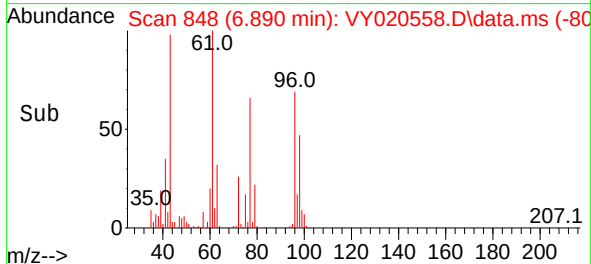
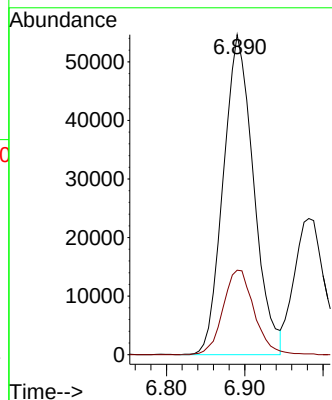
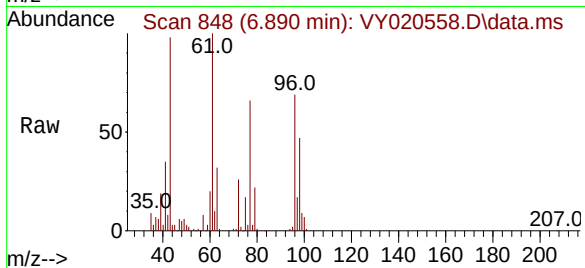
ClientSampleId :

Tgt Ion: 43 Resp: 147029

Ion Ratio Lower Upper

43 100

72 26.4 20.4 30.6



#26

2,2-Dichloropropane

Concen: 48.040 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY020558.D

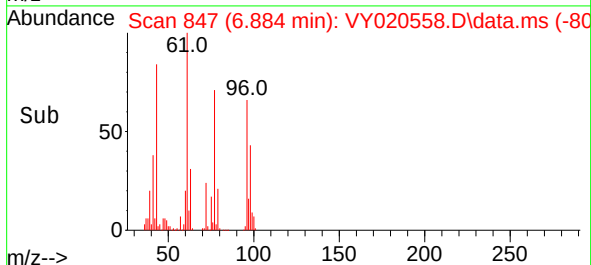
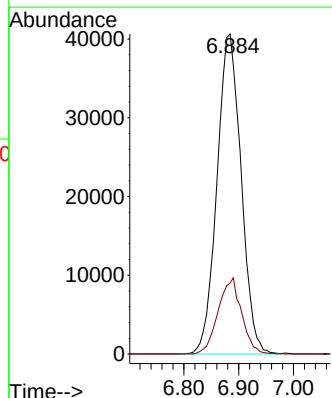
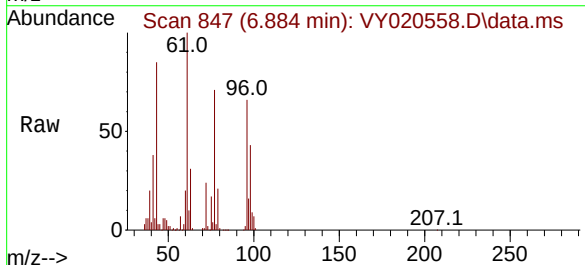
Acq: 09 Dec 2024 16:30

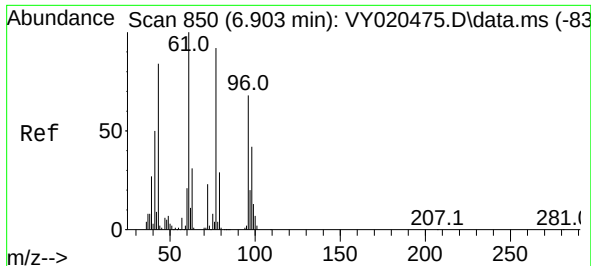
Tgt Ion: 77 Resp: 124437

Ion Ratio Lower Upper

77 100

97 23.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 65.786 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.012 min

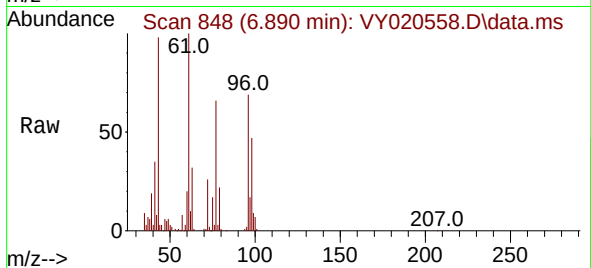
Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :



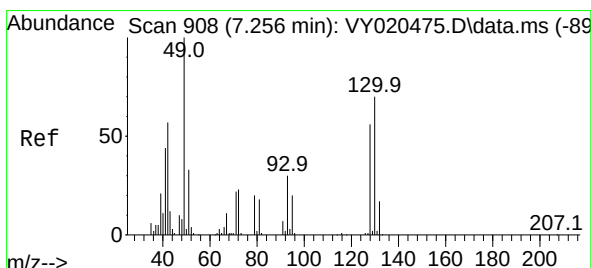
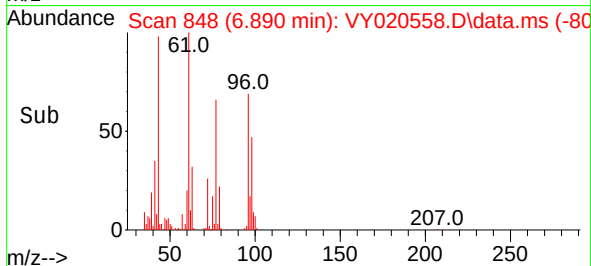
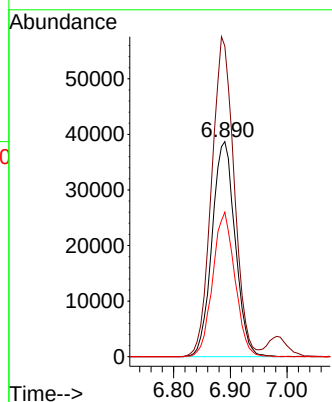
Tgt Ion: 96 Resp: 109433

Ion Ratio Lower Upper

96 100

61 145.2 0.0 312.4

98 64.7 0.0 126.8



#28

Bromochloromethane

Concen: 69.603 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

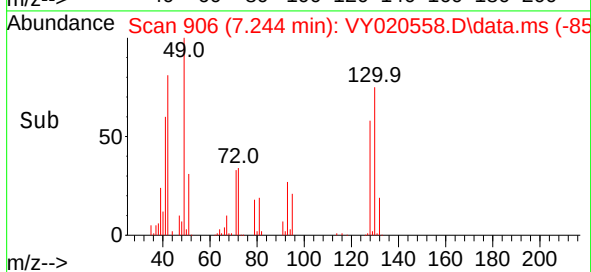
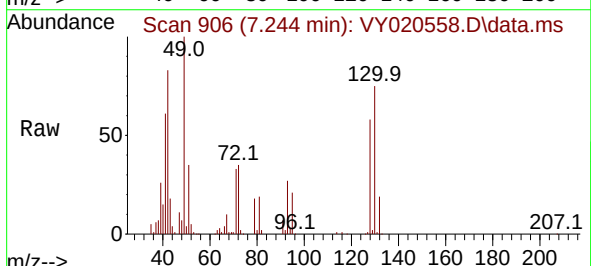
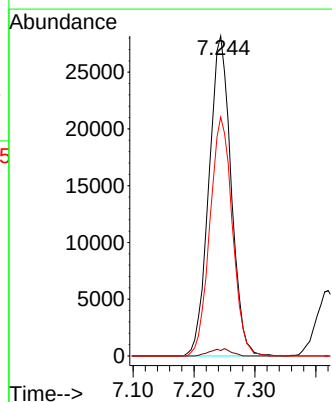
Tgt Ion: 49 Resp: 71182

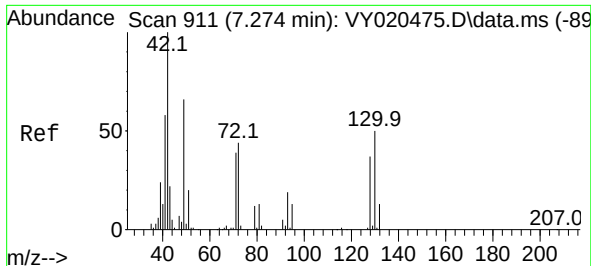
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

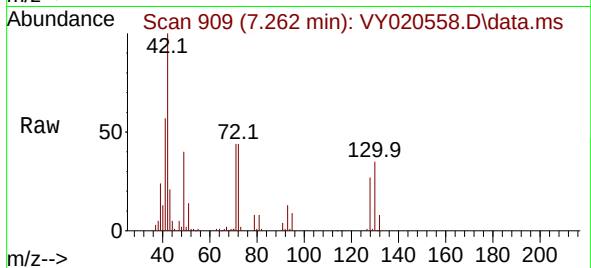
130 75.6 55.0 82.6



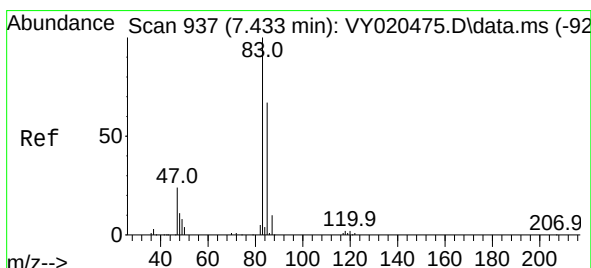
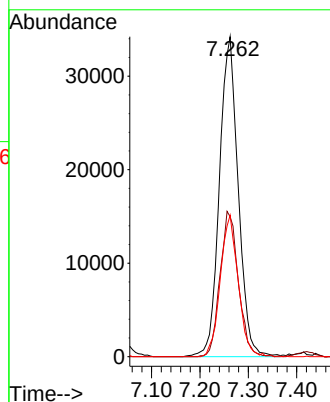
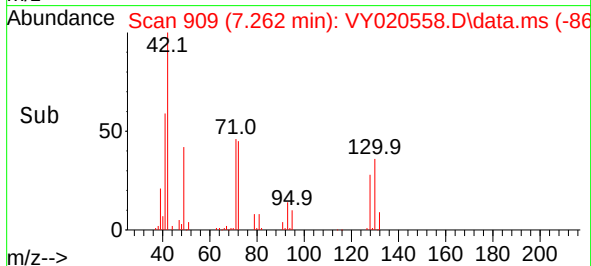


#29
Tetrahydrofuran
Concen: 410.730 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

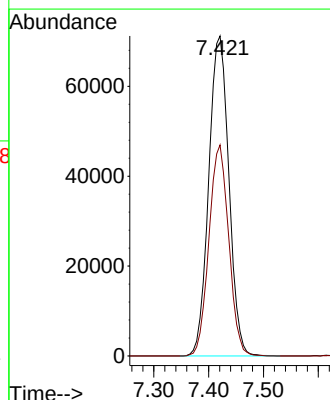
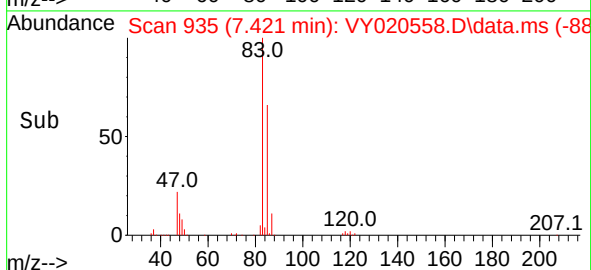
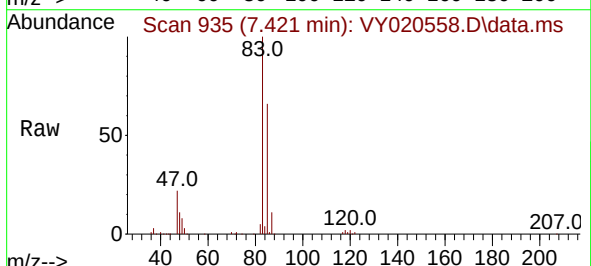


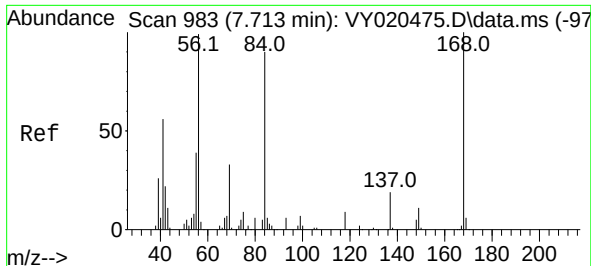
Tgt Ion: 42 Resp: 92448
Ion Ratio Lower Upper
42 100
72 44.2 33.4 50.0
71 42.0 31.9 47.9



#30
Chloroform
Concen: 64.462 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

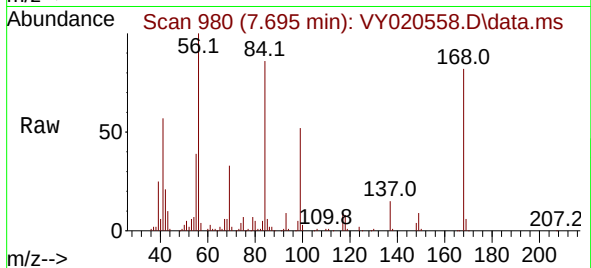
Tgt Ion: 83 Resp: 181183
Ion Ratio Lower Upper
83 100
85 66.0 50.3 75.5



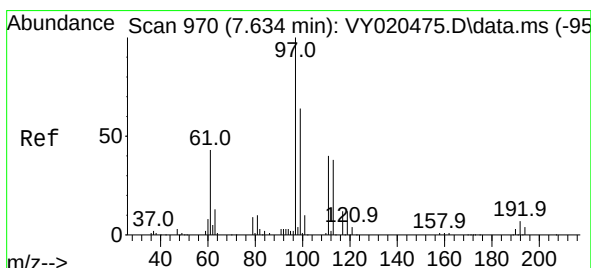
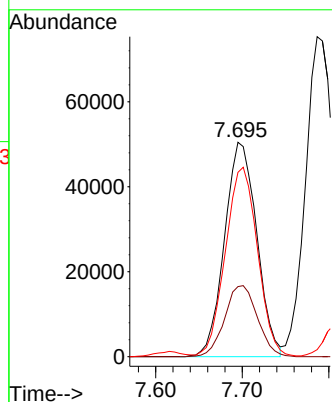
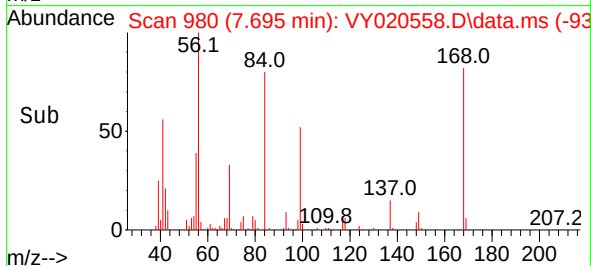


#31
Cyclohexane
Concen: 52.722 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

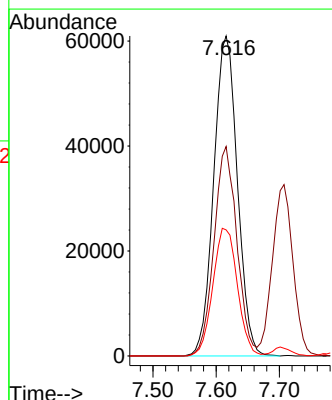
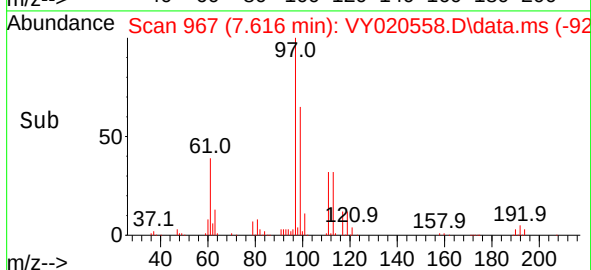
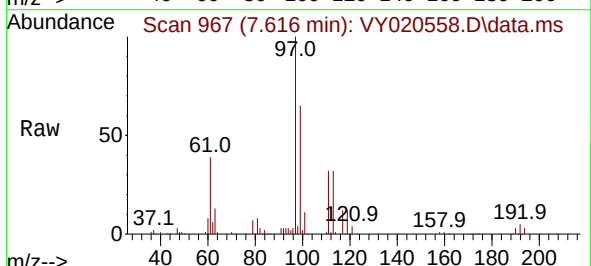


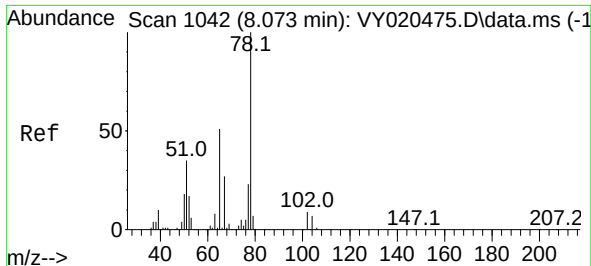
Tgt Ion: 56 Resp: 130531
Ion Ratio Lower Upper
56 100
69 32.7 25.3 37.9
84 84.4 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 58.489 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 97 Resp: 158297
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 41.3 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 67.856 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

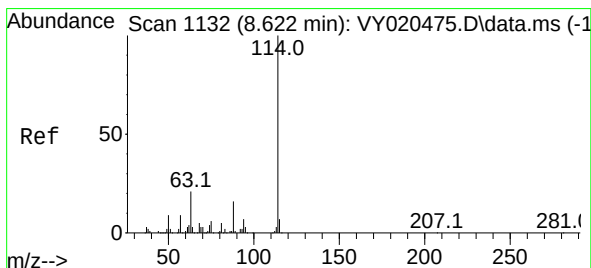
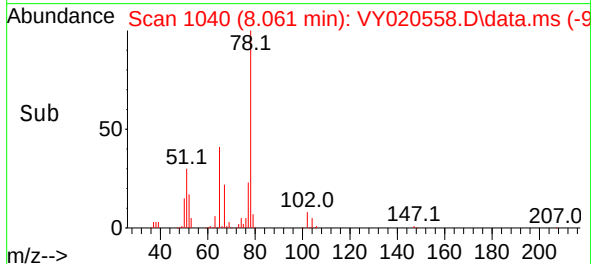
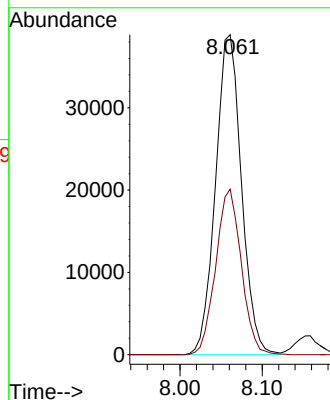
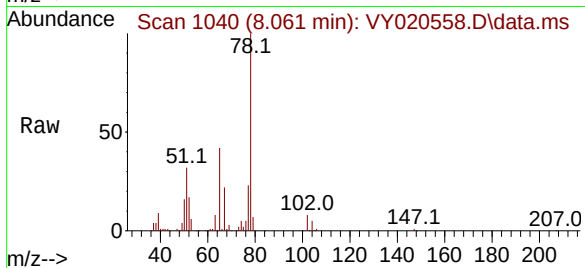
ClientSampleId :

Tgt Ion: 65 Resp: 85268

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

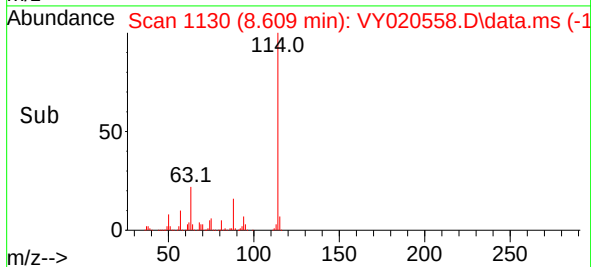
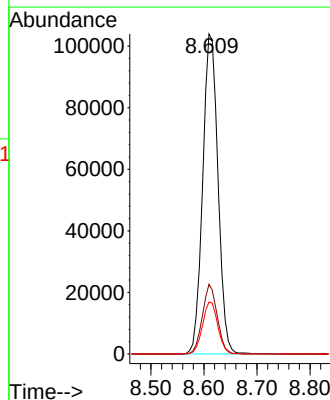
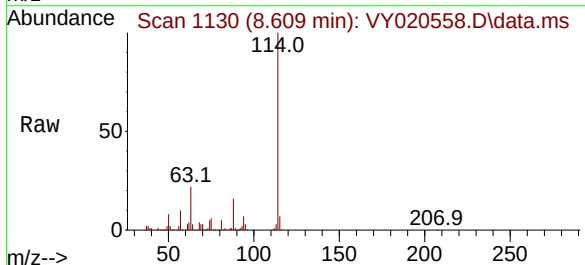
Tgt Ion:114 Resp: 208032

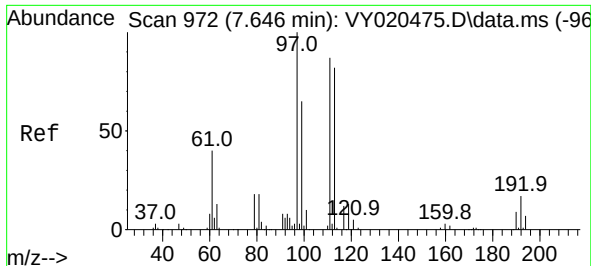
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.8

88 16.2 0.0 32.0

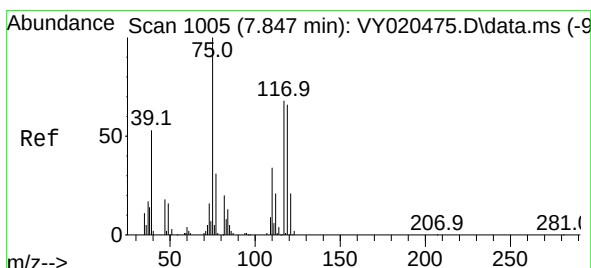
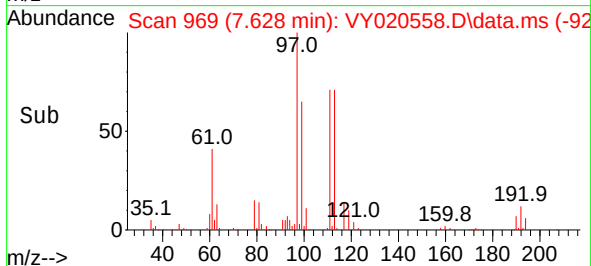
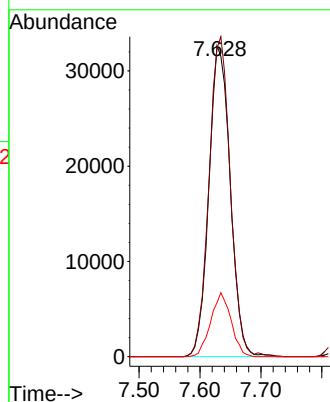
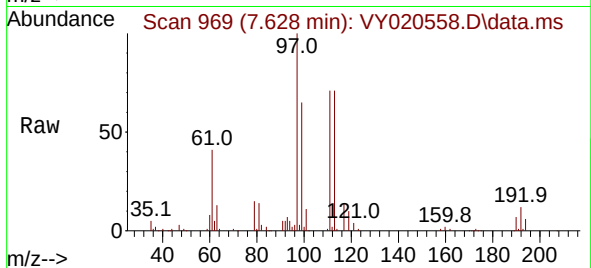




#35
Dibromofluoromethane
Concen: 60.705 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

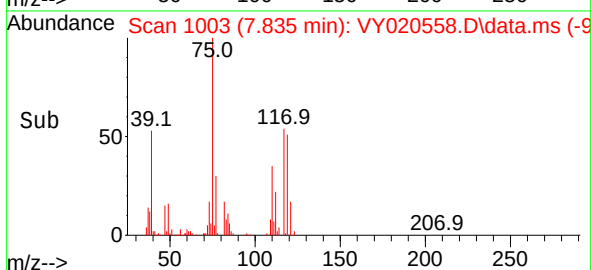
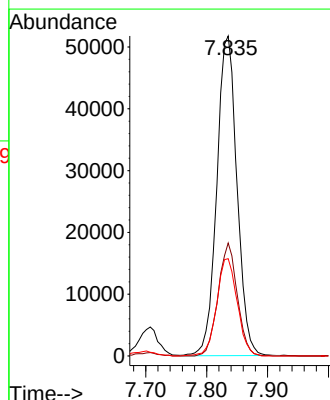
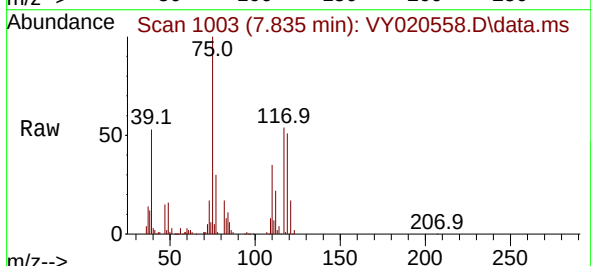
Instrument :
MSVOA_Y
ClientSampleId :

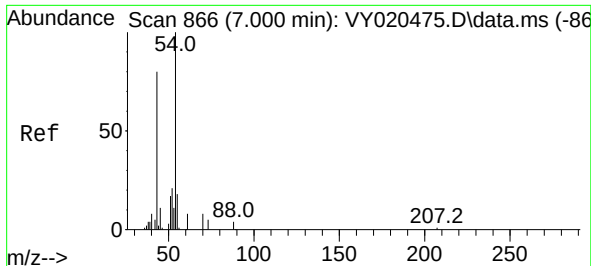
Tgt Ion:113 Resp: 79503
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 19.7 15.1 22.7



#36
1,1-Dichloropropene
Concen: 53.782 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

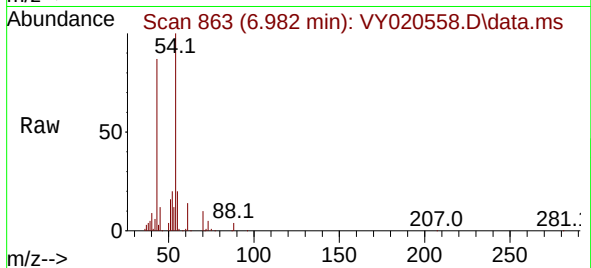
Tgt Ion: 75 Resp: 118946
Ion Ratio Lower Upper
75 100
110 33.6 16.7 50.0
77 31.0 24.6 36.8



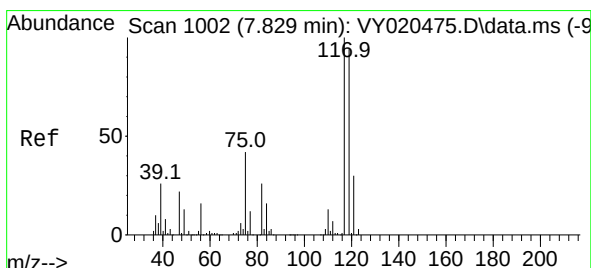
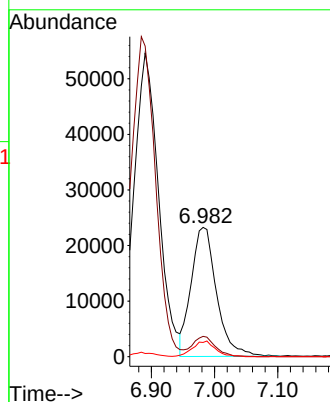
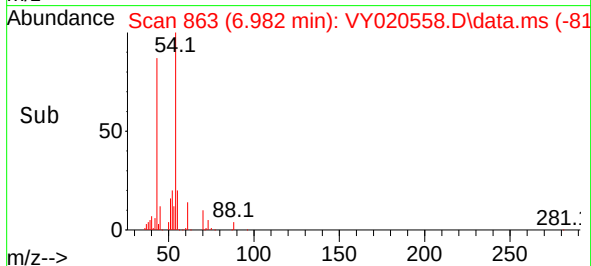


#37
Ethyl Acetate
Concen: 74.067 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

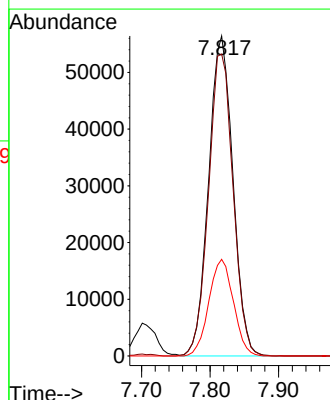
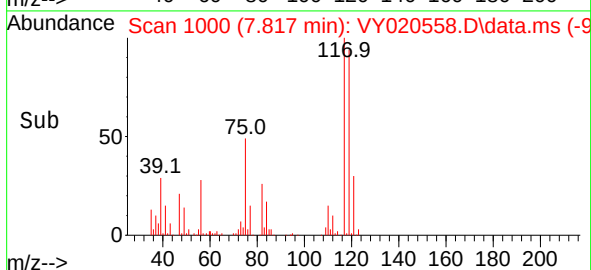
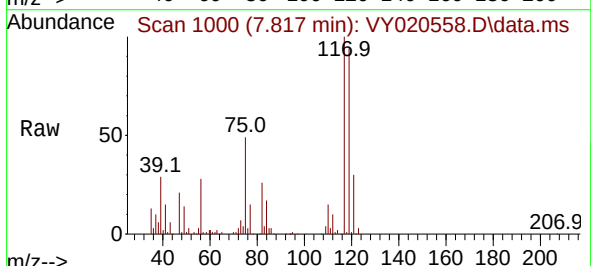


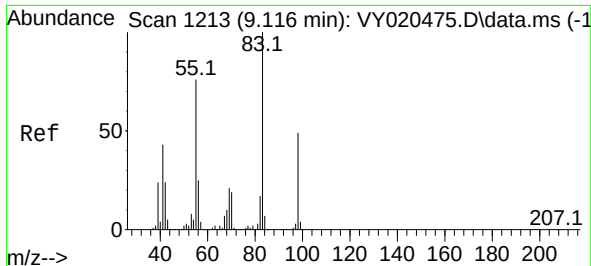
Tgt Ion: 43 Resp: 64897
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 10.9 7.3 10.9



#38
Carbon Tetrachloride
Concen: 52.698 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 117 Resp: 139101
Ion Ratio Lower Upper
117 100
119 94.2 77.8 116.6
121 30.2 24.6 37.0





#39

Methylcyclohexane

Concen: 52.115 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

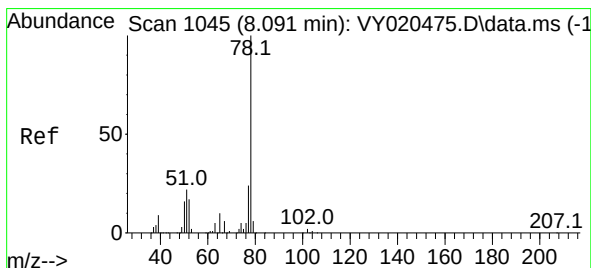
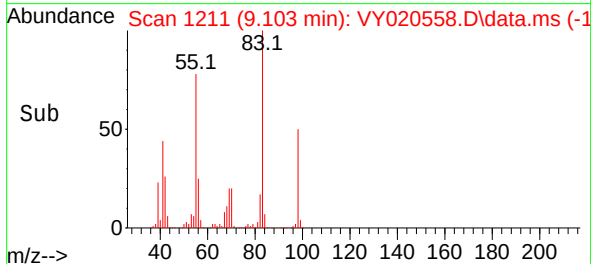
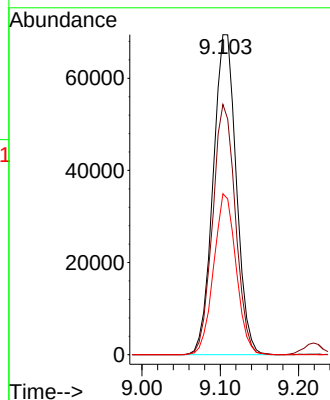
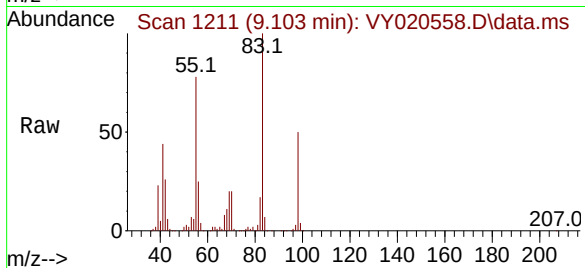
Tgt Ion: 83 Resp: 143024

Ion Ratio Lower Upper

83 100

55 78.2 62.6 93.8

98 50.3 37.0 55.4



#40

Benzene

Concen: 58.951 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.012 min

Lab File: VY020558.D

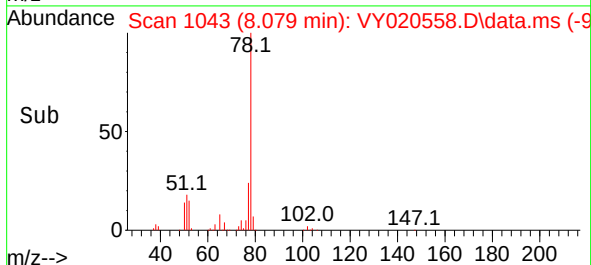
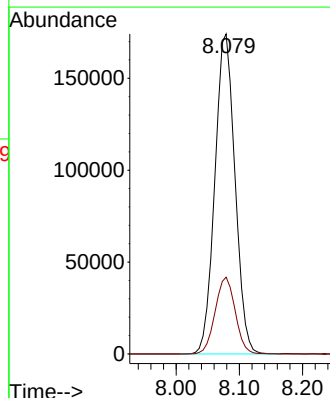
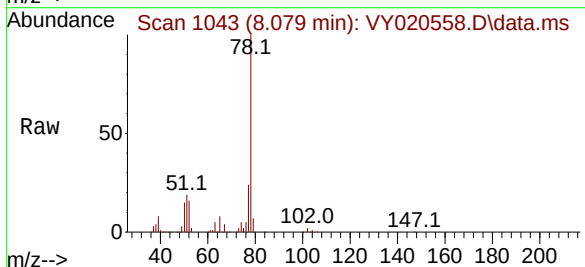
Acq: 09 Dec 2024 16:30

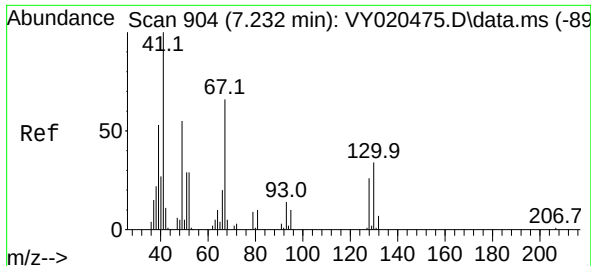
Tgt Ion: 78 Resp: 384408

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

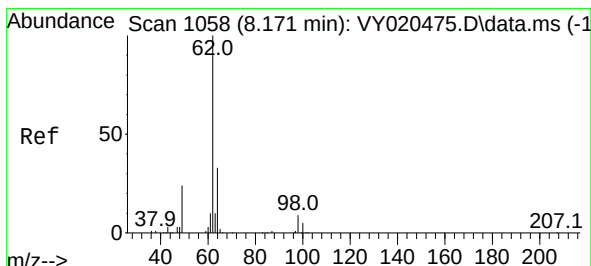
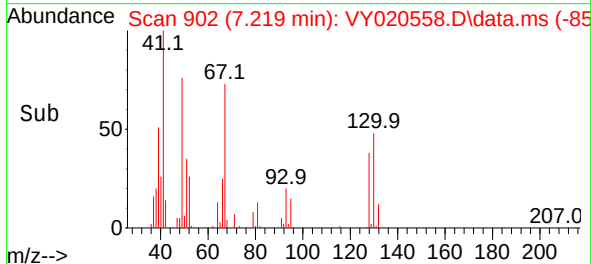
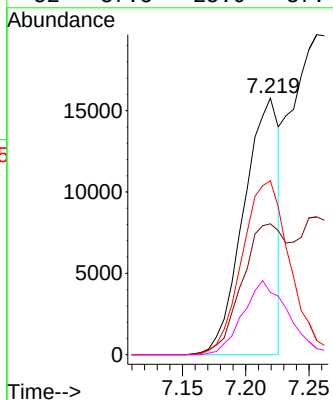
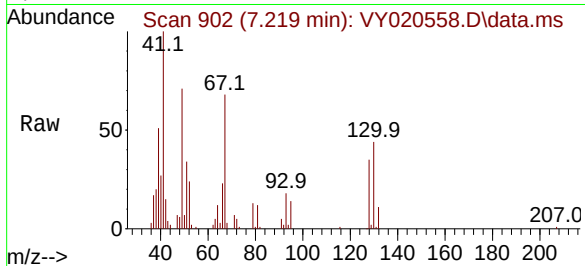




#41
Methacrylonitrile
Concen: 61.572 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

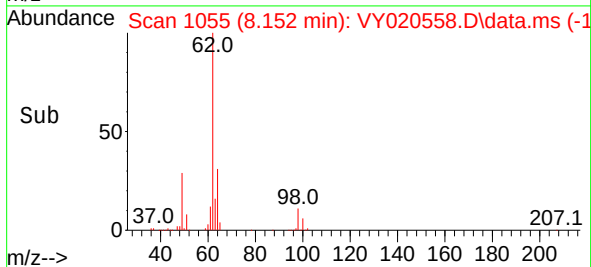
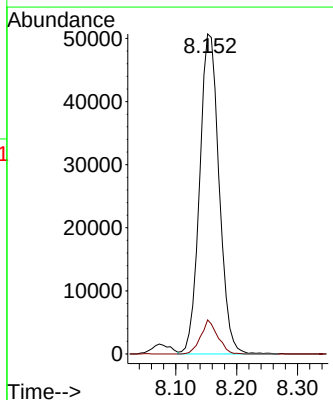
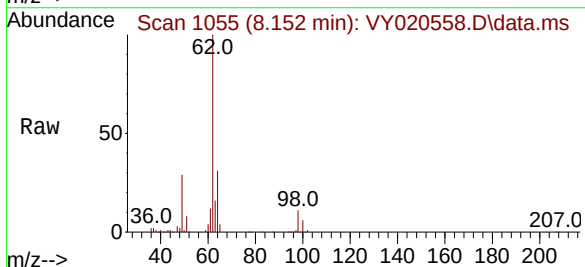
Instrument :
MSVOA_Y
ClientSampleId :

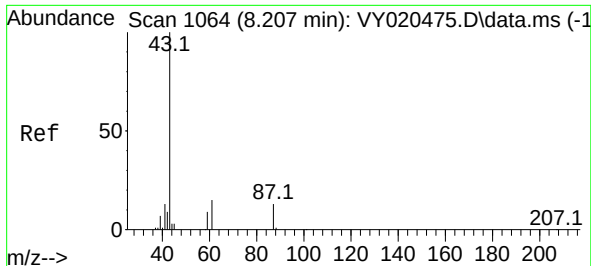
Tgt Ion: 41 Resp: 30669
Ion Ratio Lower Upper
41 100
39 62.0 49.0 73.4
67 92.3 57.1 85.7#
52 37.5 25.0 37.4#



#42
1,2-Dichloroethane
Concen: 65.753 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.018 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 62 Resp: 112662
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0





#43

Isopropyl Acetate

Concen: 72.463 ug/l

RT: 8.195 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

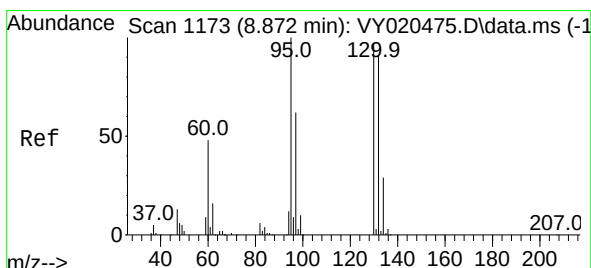
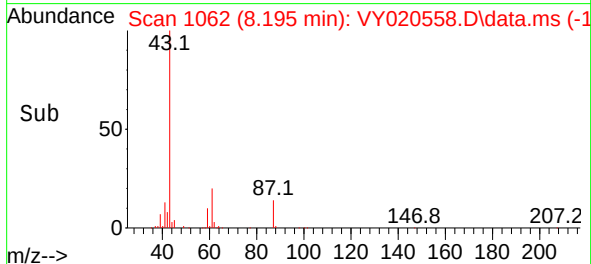
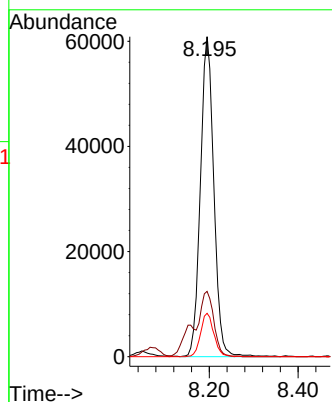
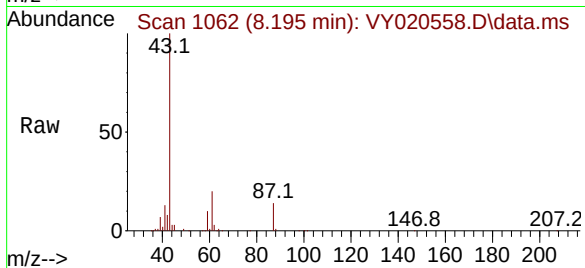
Tgt Ion: 43 Resp: 128208

Ion Ratio Lower Upper

43 100

61 20.3 22.8 34.2#

87 13.3 9.6 14.4



#44

Trichloroethene

Concen: 58.769 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. -0.012 min

Lab File: VY020558.D

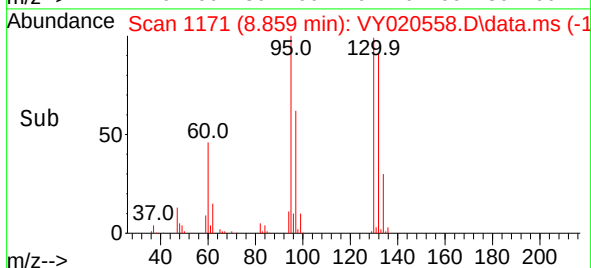
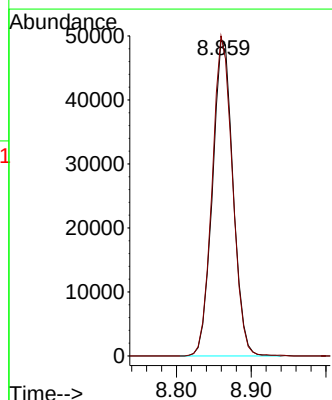
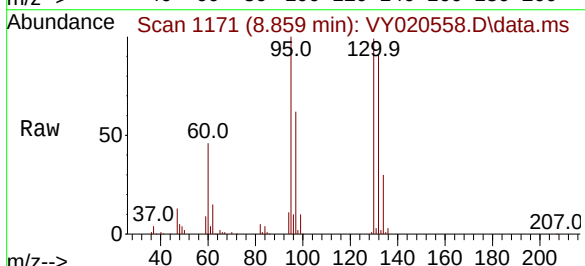
Acq: 09 Dec 2024 16:30

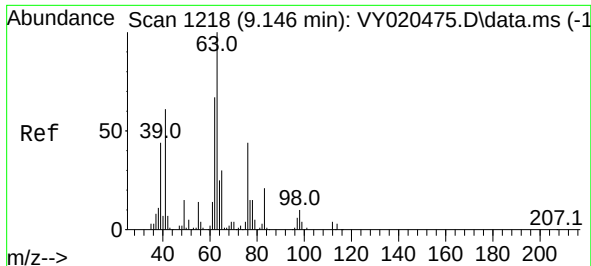
Tgt Ion:130 Resp: 94471

Ion Ratio Lower Upper

130 100

95 101.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 61.538 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

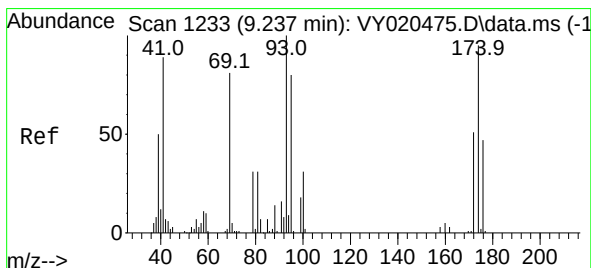
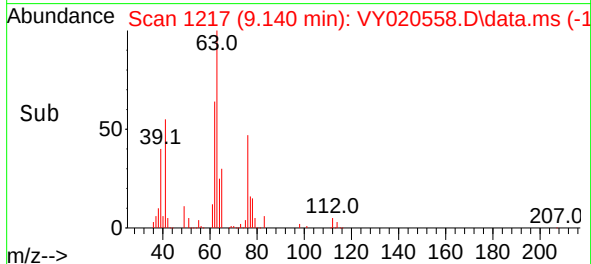
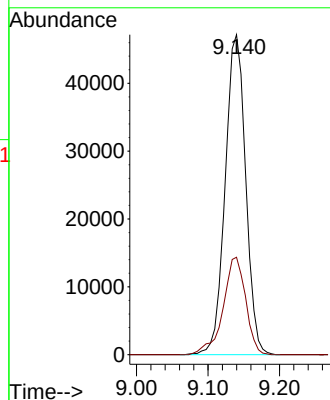
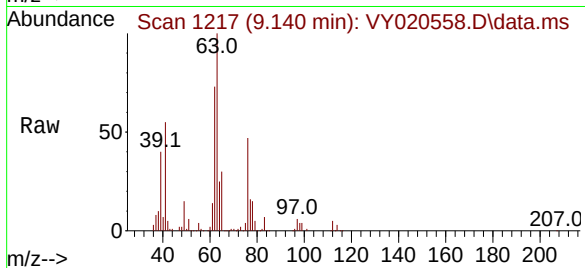
ClientSampleId :

Tgt Ion: 63 Resp: 93902

Ion Ratio Lower Upper

63 100

65 30.4 24.2 36.4



#46

Dibromomethane

Concen: 69.316 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

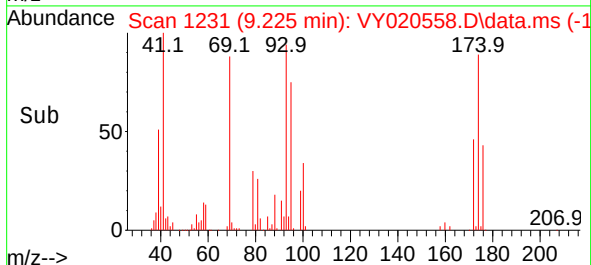
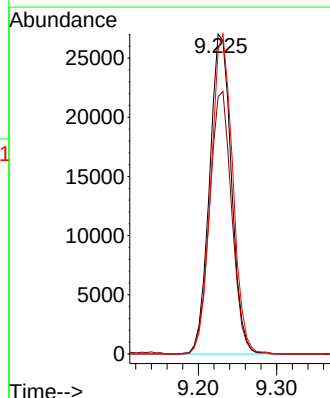
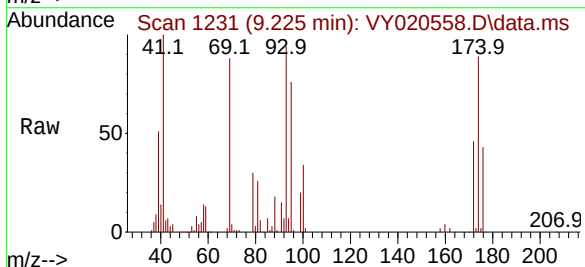
Tgt Ion: 93 Resp: 52369

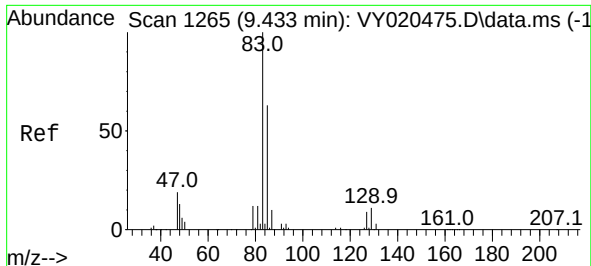
Ion Ratio Lower Upper

93 100

95 83.2 65.3 97.9

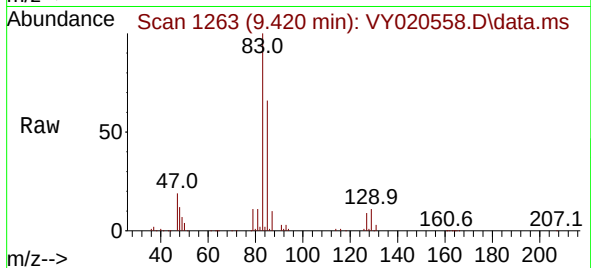
174 99.4 74.4 111.6



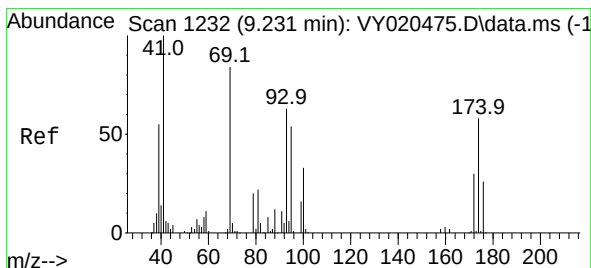
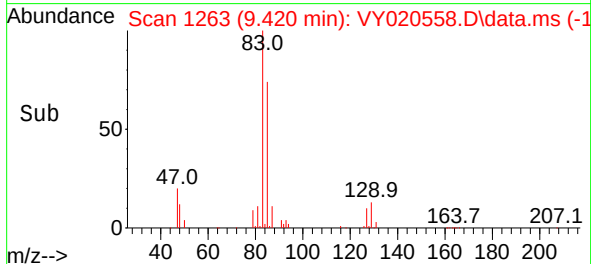
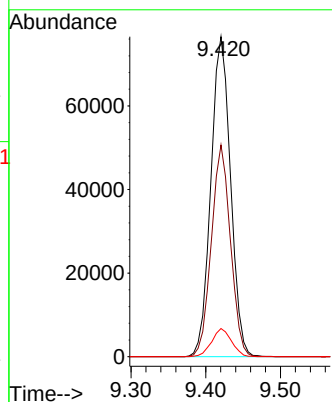


#47
Bromodichloromethane
Concen: 62.975 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

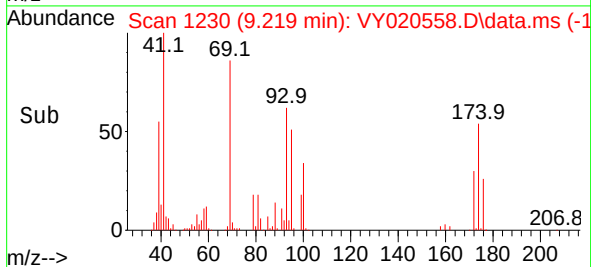
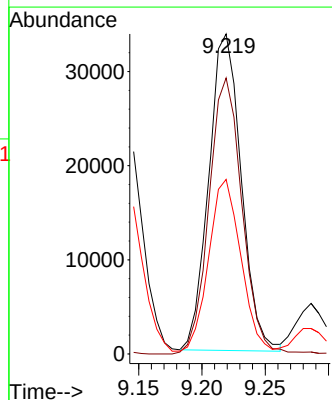
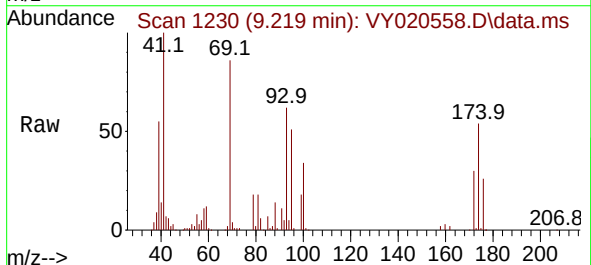


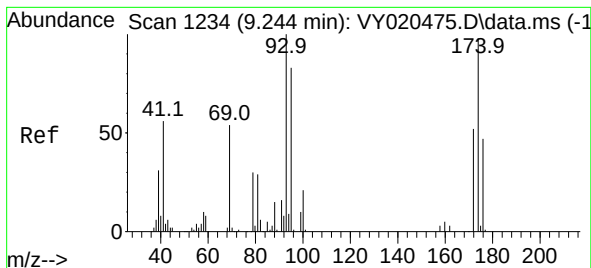
Tgt Ion: 83 Resp: 140178
Ion Ratio Lower Upper
83 100
85 66.2 51.4 77.2
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 72.836 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 41 Resp: 60093
Ion Ratio Lower Upper
41 100
69 88.7 66.1 99.1
39 53.7 46.0 69.0





#49

1,4-Dioxane

Concen: 1738.110 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min MSVOA_Y

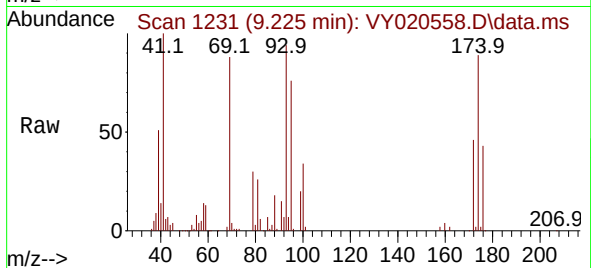
Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :



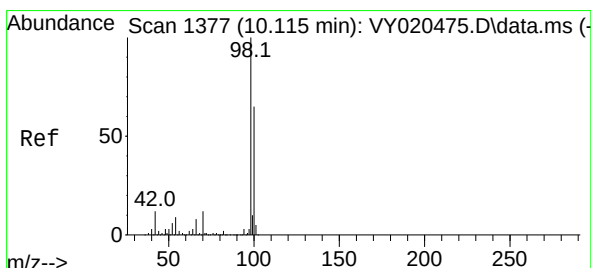
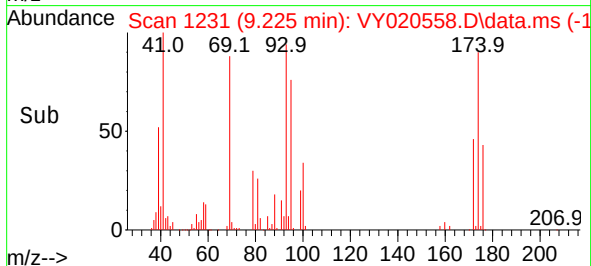
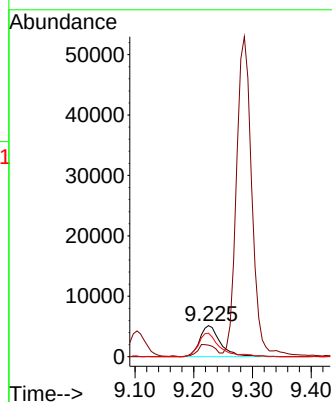
Tgt Ion: 88 Resp: 12552

Ion Ratio Lower Upper

88 100

43 33.5 24.6 37.0

58 77.7 59.6 89.4



#50

Toluene-d8

Concen: 56.609 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020558.D

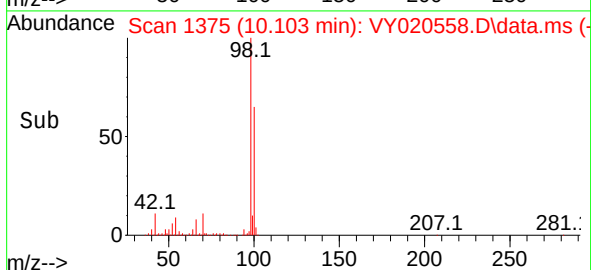
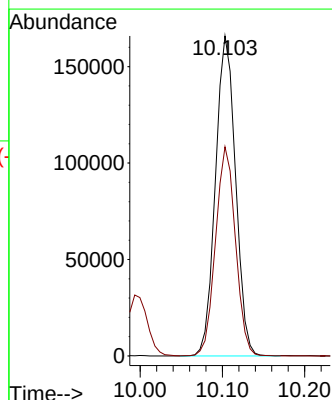
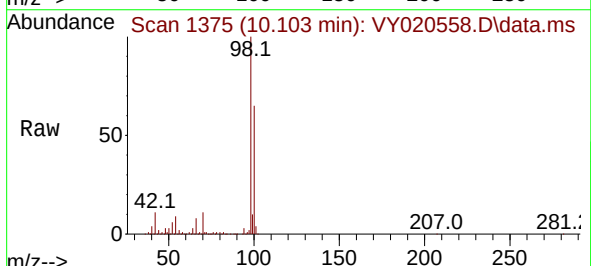
Acq: 09 Dec 2024 16:30

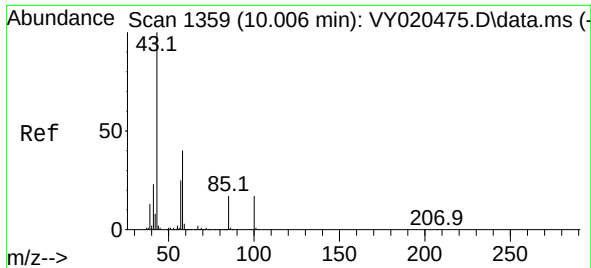
Tgt Ion: 98 Resp: 282308

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9

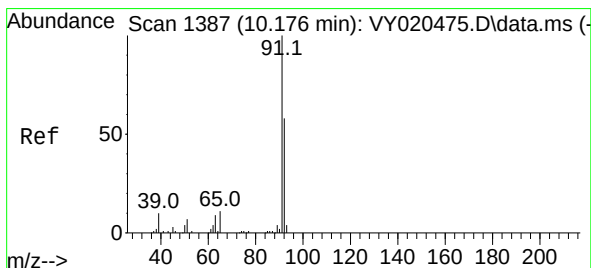
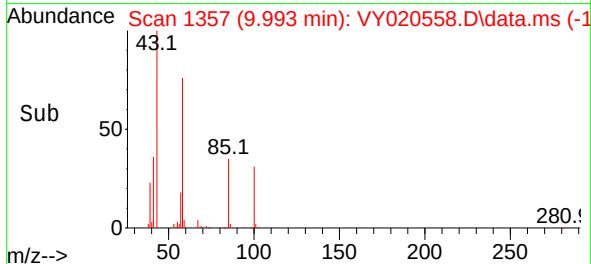
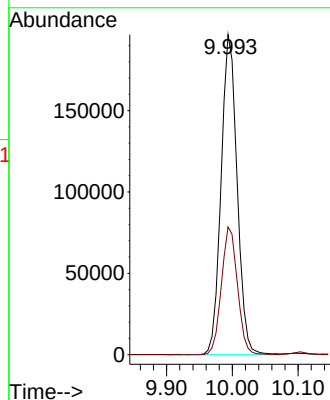
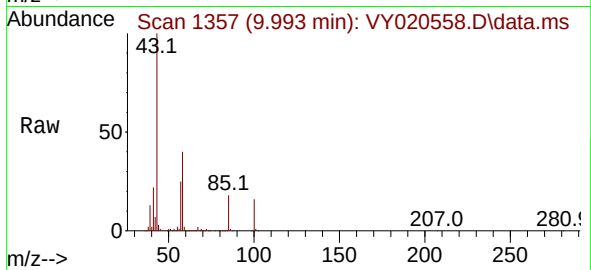




#51
4-Methyl-2-Pentanone
Concen: 381.586 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

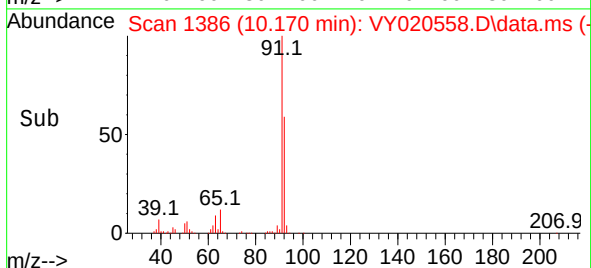
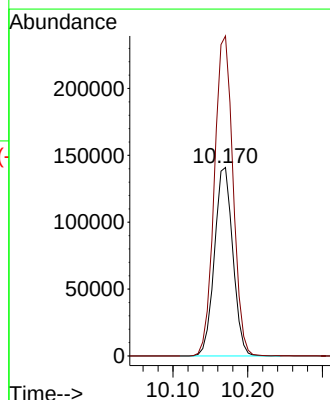
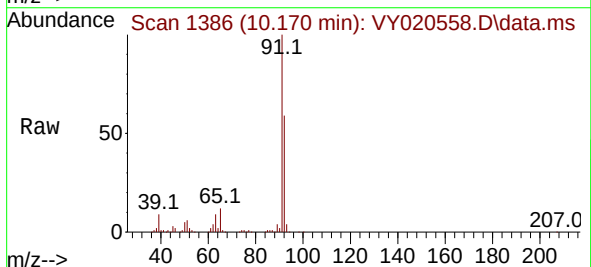
Instrument :
MSVOA_Y
ClientSampleId :

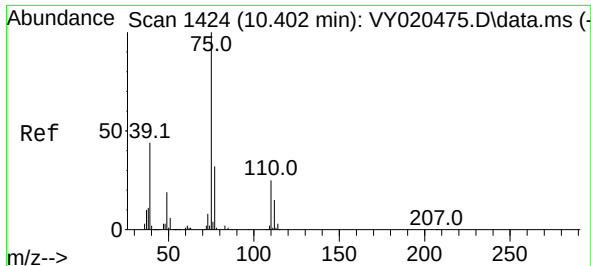
Tgt Ion: 43 Resp: 333416
Ion Ratio Lower Upper
43 100
58 40.0 30.9 46.3



#52
Toluene
Concen: 59.198 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 92 Resp: 240842
Ion Ratio Lower Upper
92 100
91 172.4 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 63.833 ug/l

RT: 10.390 min Scan# 1424

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

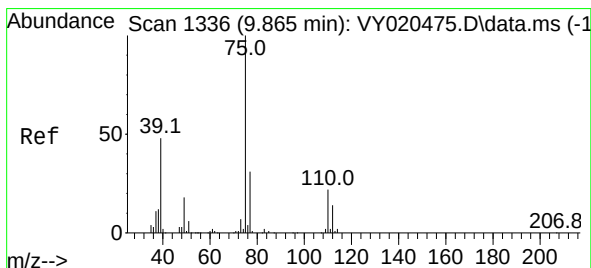
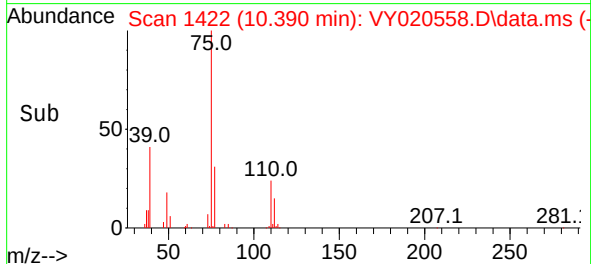
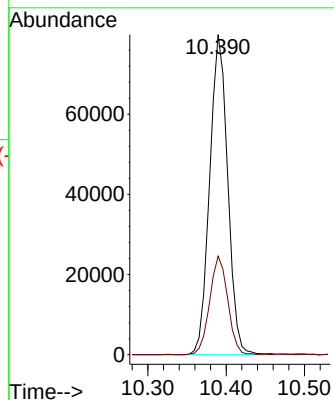
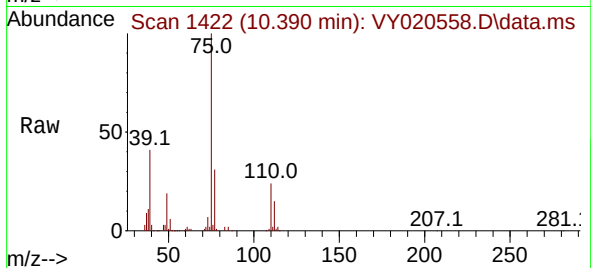
ClientSampleId :

Tgt Ion: 75 Resp: 127564

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 62.102 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

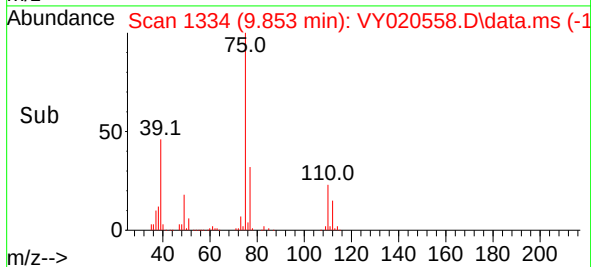
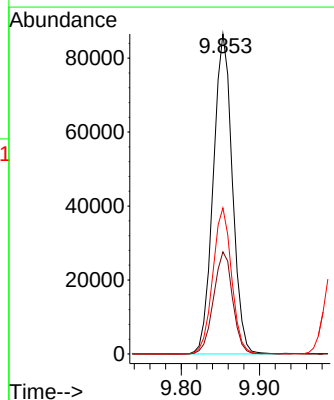
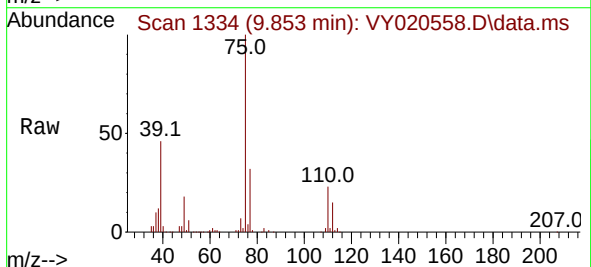
Tgt Ion: 75 Resp: 146670

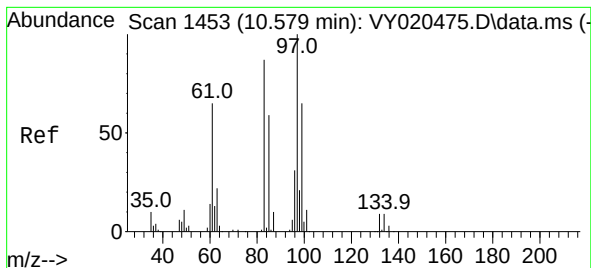
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

39 45.7 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 70.190 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 70739

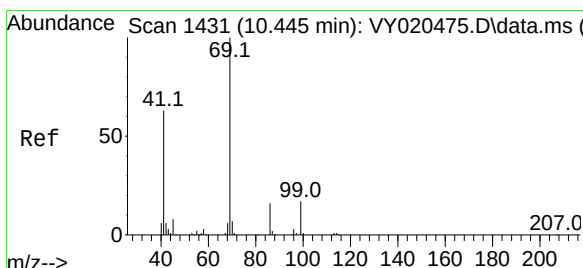
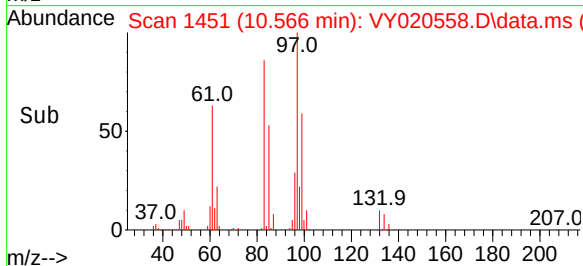
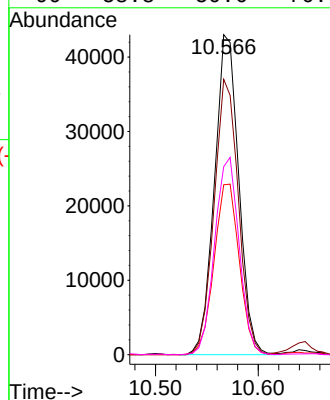
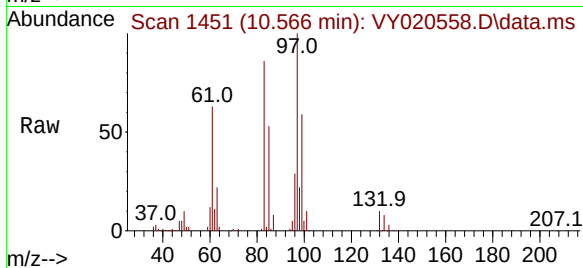
Ion Ratio Lower Upper

97 100

83 86.0 70.8 106.2

85 53.1 44.9 67.3

99 58.8 50.6 76.0



#56

Ethyl methacrylate

Concen: 73.900 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

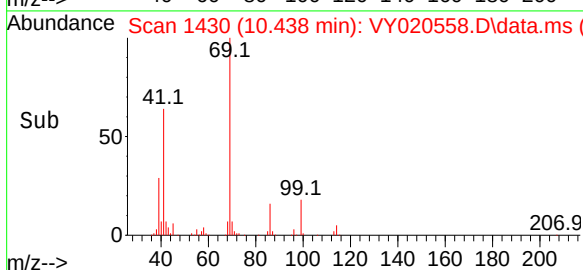
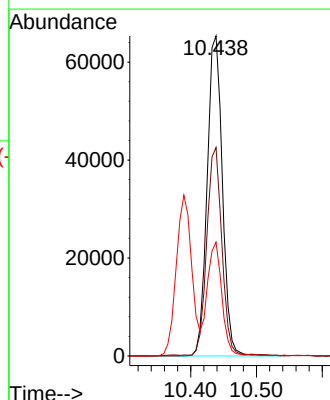
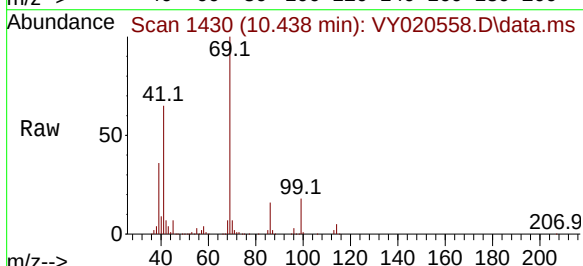
Tgt Ion: 69 Resp: 105383

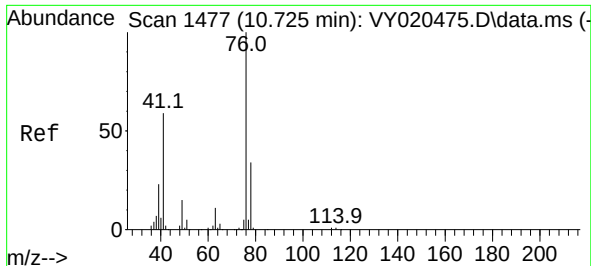
Ion Ratio Lower Upper

69 100

41 65.1 56.1 84.1

39 34.1 29.7 44.5





#57

1,3-Dichloropropane

Concen: 68.338 ug/l

RT: 10.713 min Scan# 1477

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

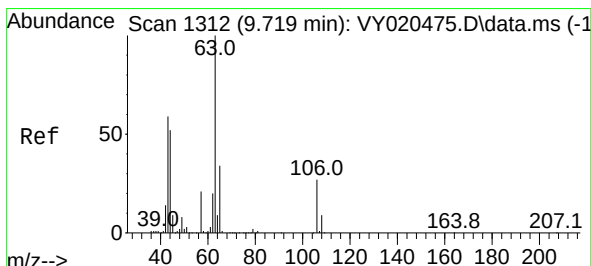
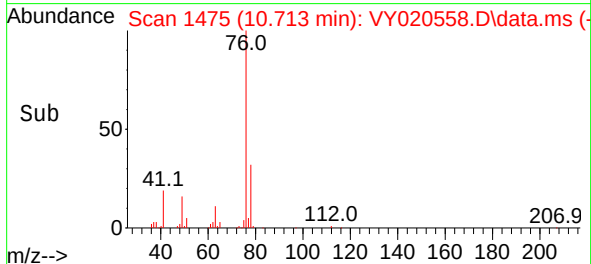
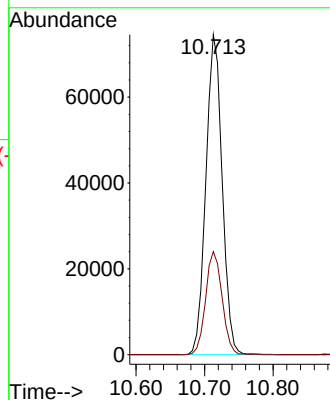
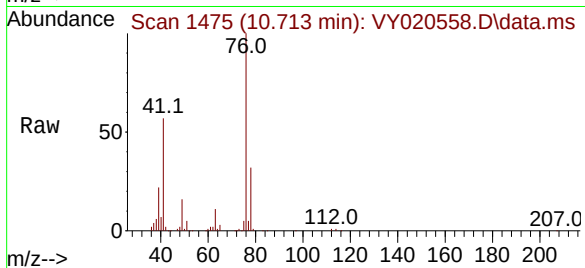
ClientSampleId :

Tgt Ion: 76 Resp: 123330

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 372.229 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.012 min

Lab File: VY020558.D

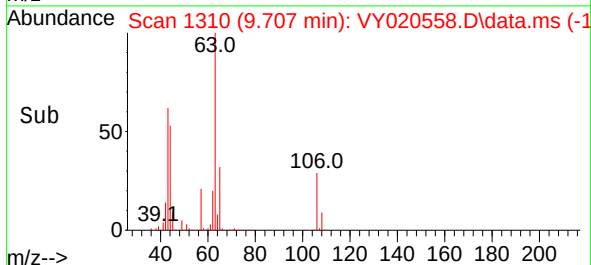
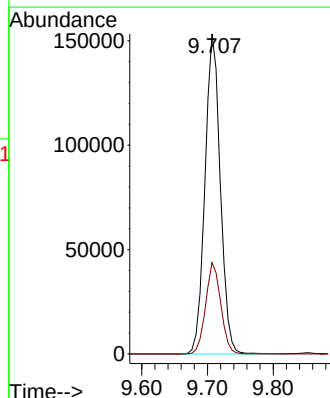
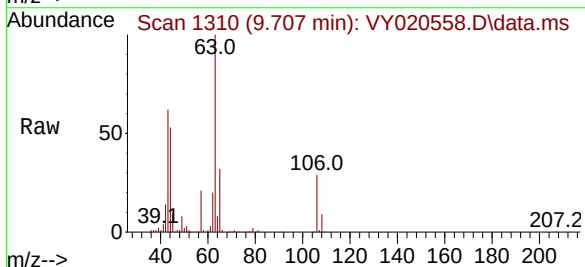
Acq: 09 Dec 2024 16:30

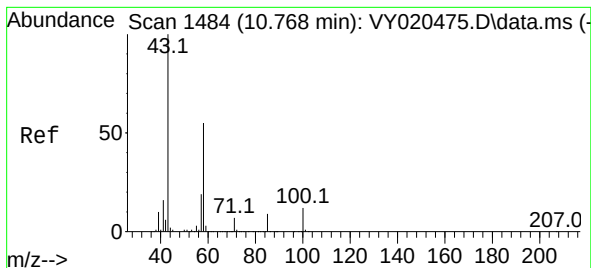
Tgt Ion: 63 Resp: 248527

Ion Ratio Lower Upper

63 100

106 28.2 21.0 31.4

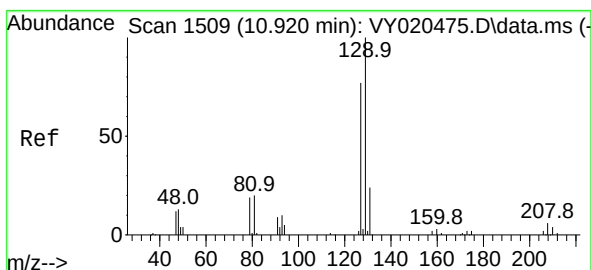
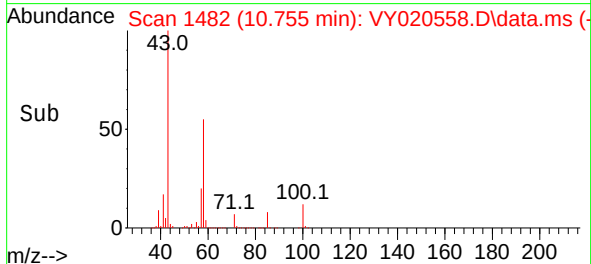
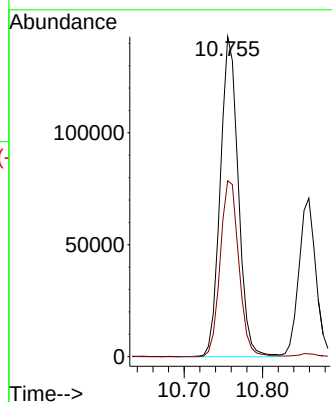
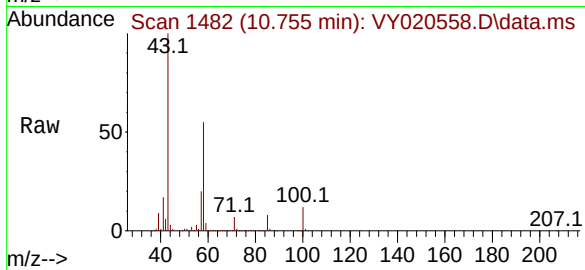




#59
2-Hexanone
Concen: 362.691 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

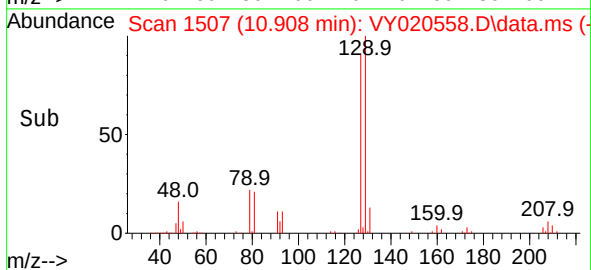
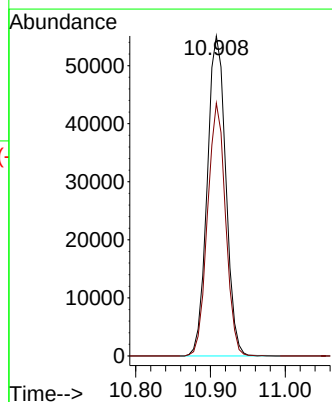
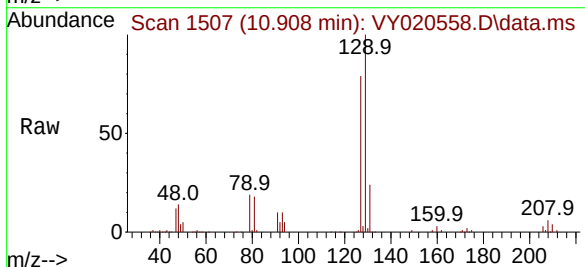
Instrument :
MSVOA_Y
ClientSampleId :

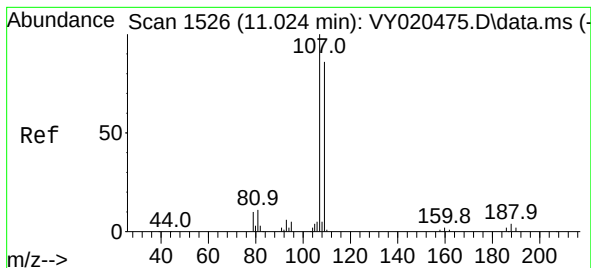
Tgt Ion: 43 Resp: 228619
Ion Ratio Lower Upper
43 100
58 57.0 26.4 79.2



#60
Dibromochloromethane
Concen: 67.894 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion:129 Resp: 95265
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 71.187 ug/l

RT: 11.011 min Scan# 1524

Delta R.T. -0.012 min MSVOA_Y

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

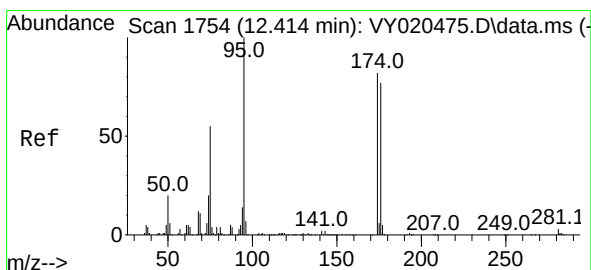
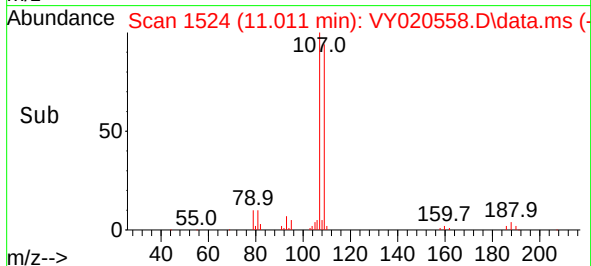
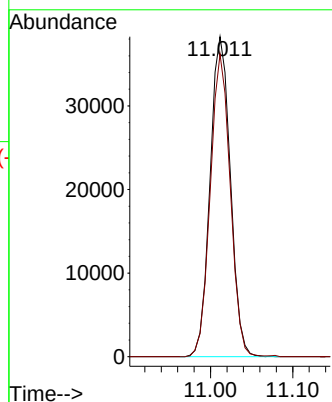
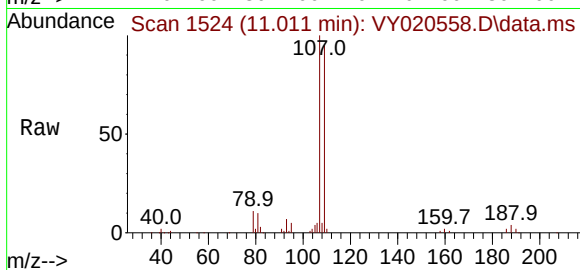
ClientSampleId :

Tgt Ion:107 Resp: 65609

Ion Ratio Lower Upper

107 100

109 93.1 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 61.292 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

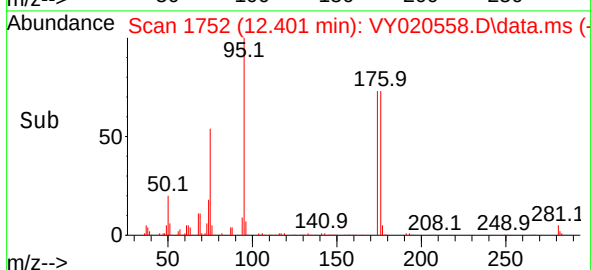
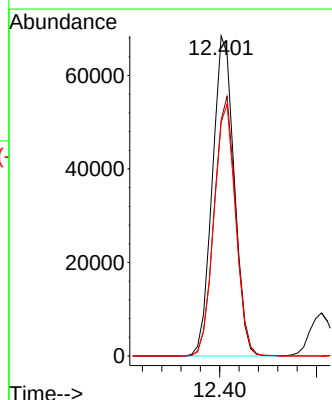
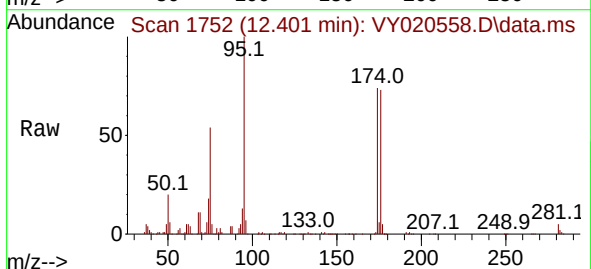
Tgt Ion: 95 Resp: 106904

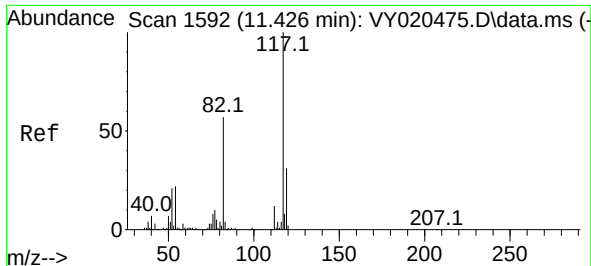
Ion Ratio Lower Upper

95 100

174 80.4 0.0 156.8

176 78.0 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

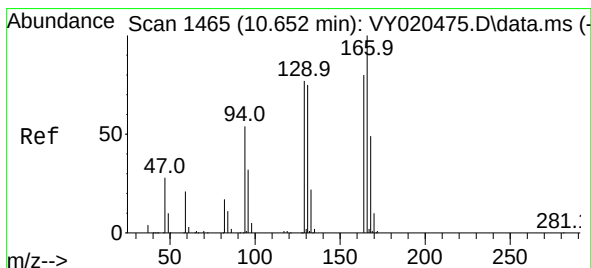
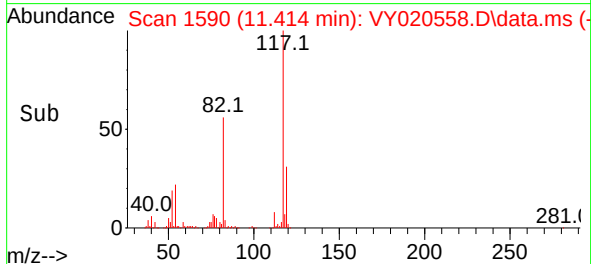
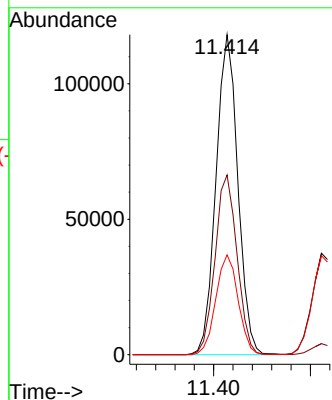
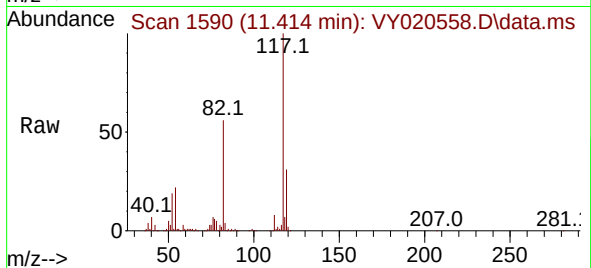
Tgt Ion:117 Resp: 185014

Ion Ratio Lower Upper

117 100

82 56.1 48.2 72.4

119 31.2 25.8 38.8



#64

Tetrachloroethene

Concen: 65.149 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Tgt Ion:164 Resp: 101849

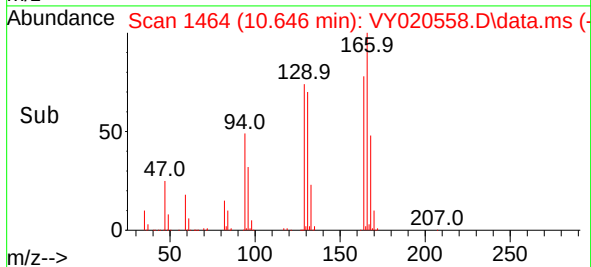
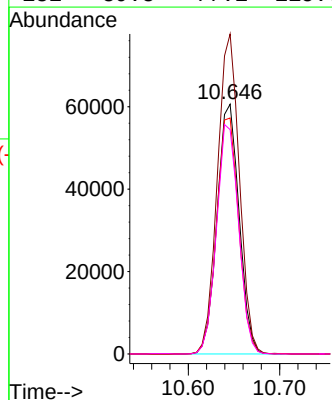
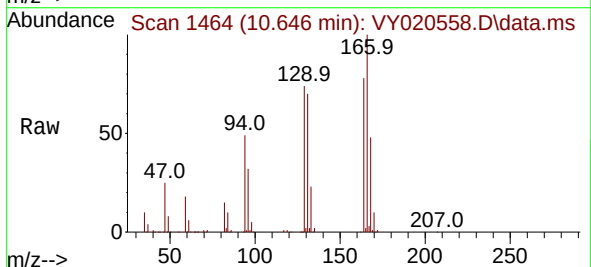
Ion Ratio Lower Upper

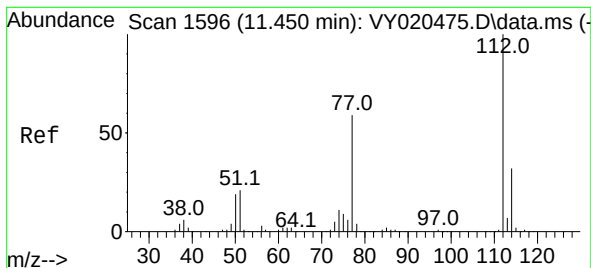
164 100

166 128.1 103.8 155.8

129 94.5 79.0 118.4

131 89.8 77.1 115.7





#65

Chlorobenzene

Concen: 56.988 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

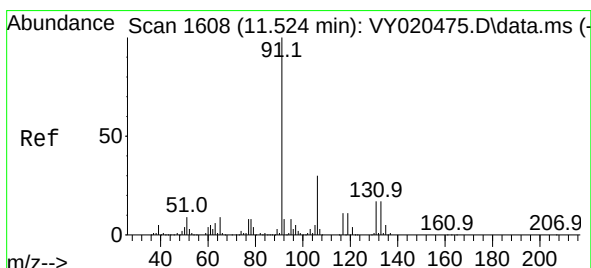
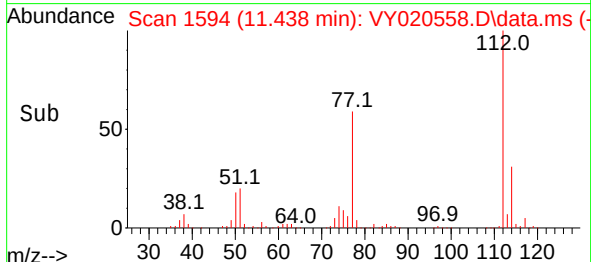
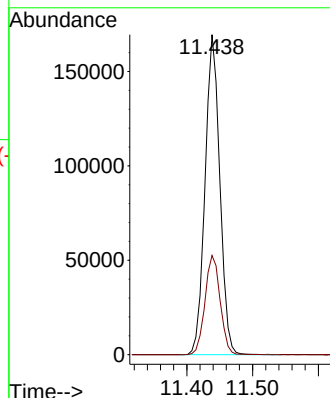
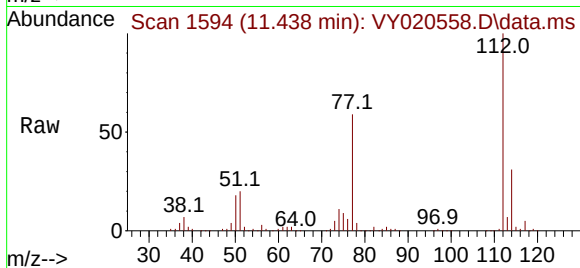
ClientSampleId :

Tgt Ion:112 Resp: 264278

Ion Ratio Lower Upper

112 100

114 31.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 57.907 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

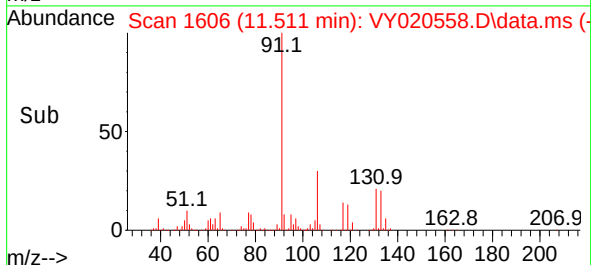
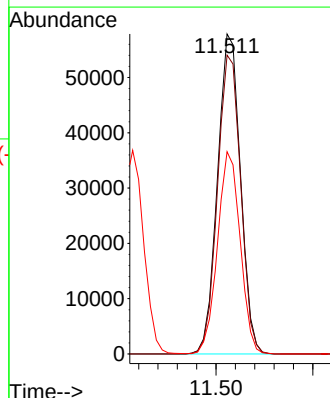
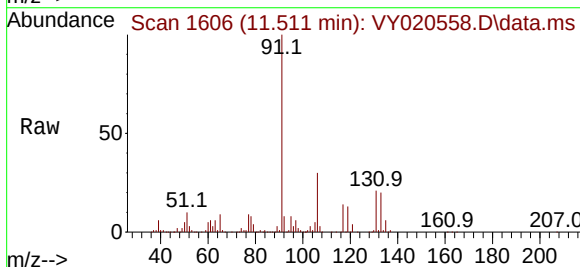
Tgt Ion:131 Resp: 95236

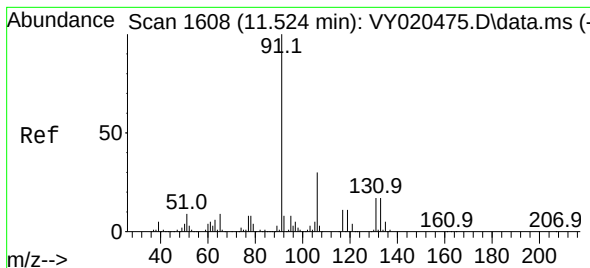
Ion Ratio Lower Upper

131 100

133 94.3 47.8 143.3

119 62.5 32.5 97.5





#67

Ethyl Benzene

Concen: 53.761 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

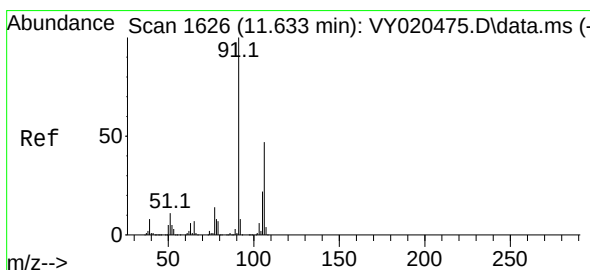
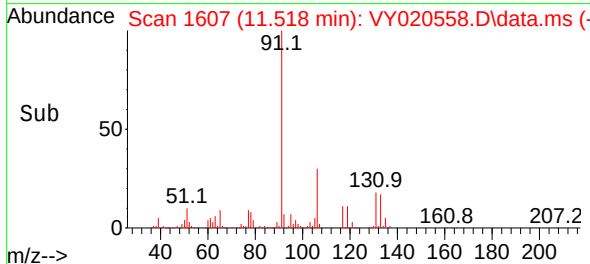
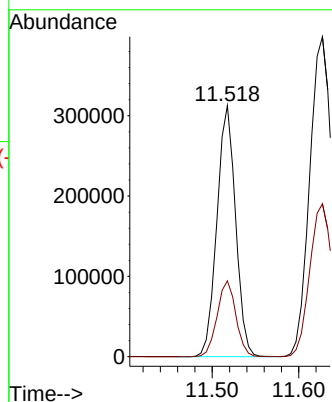
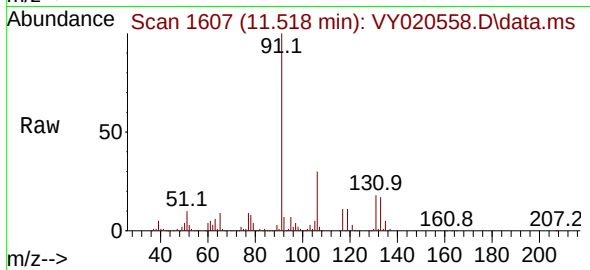
ClientSampleId :

Tgt Ion: 91 Resp: 467317

Ion Ratio Lower Upper

91 100

106 30.2 23.9 35.9



#68

m/p-Xylenes

Concen: 109.443 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020558.D

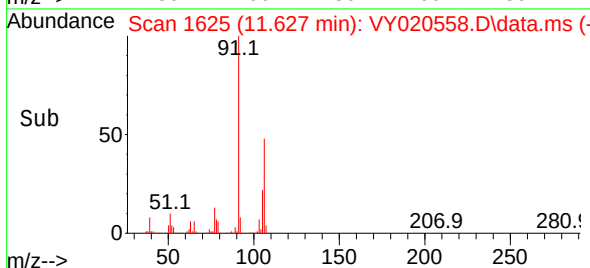
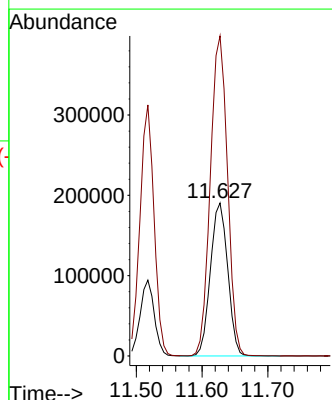
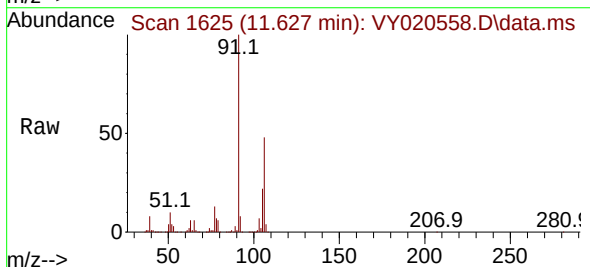
Acq: 09 Dec 2024 16:30

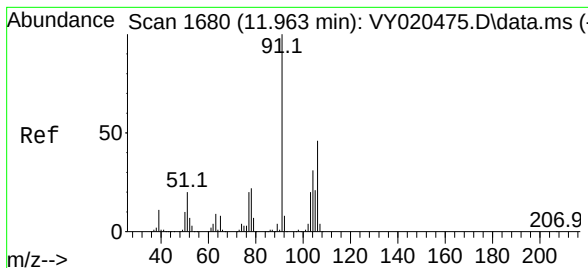
Tgt Ion:106 Resp: 348354

Ion Ratio Lower Upper

106 100

91 207.8 166.0 249.0

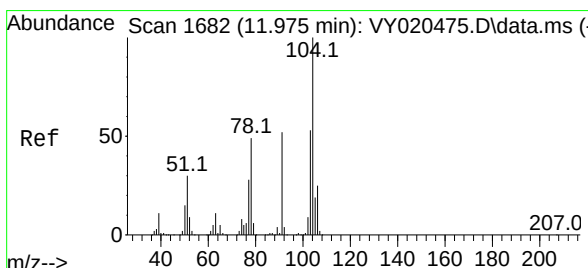
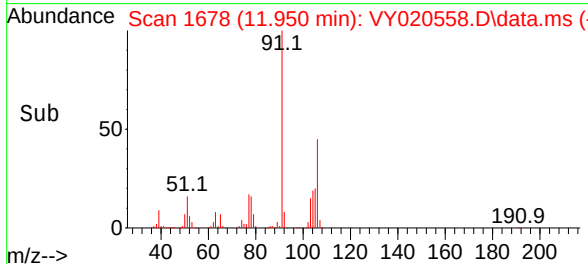
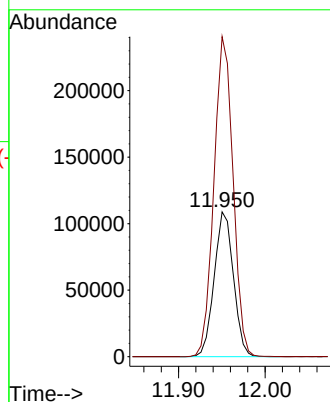
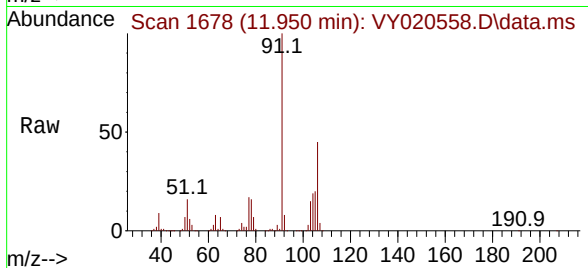




#69
o-Xylene
Concen: 56.289 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

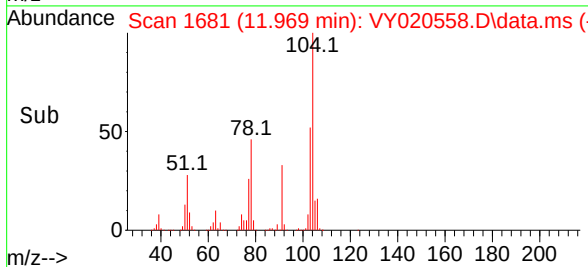
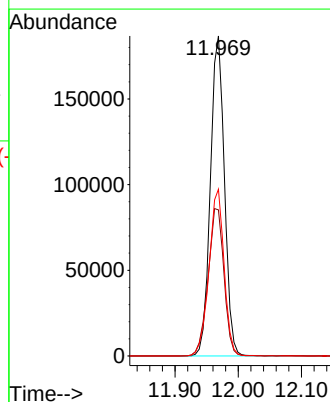
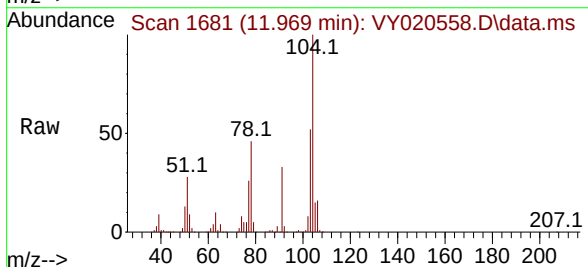
Instrument :
MSVOA_Y
ClientSampleId :

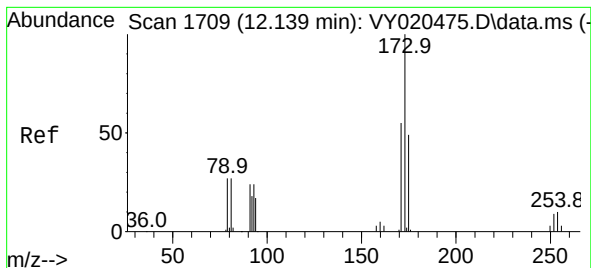
Tgt Ion:106 Resp: 167851
Ion Ratio Lower Upper
106 100
91 220.0 110.0 330.0



#70
Styrene
Concen: 58.152 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion:104 Resp: 289302
Ion Ratio Lower Upper
104 100
78 52.2 41.4 62.2
103 55.7 44.2 66.4





#71

Bromoform

Concen: 67.839 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

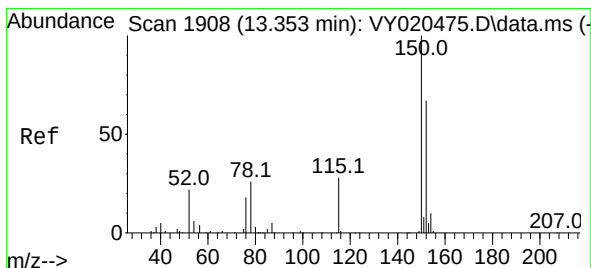
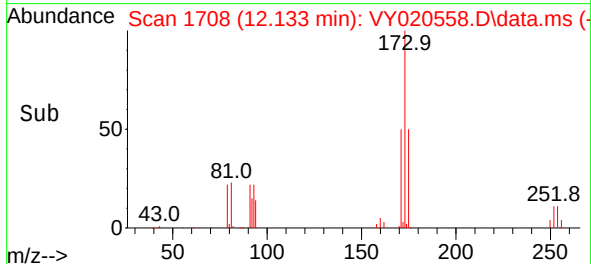
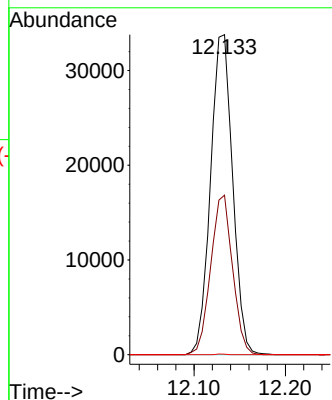
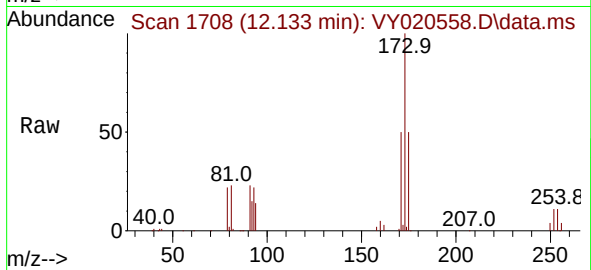
Tgt Ion:173 Resp: 56726

Ion Ratio Lower Upper

173 100

175 49.2 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

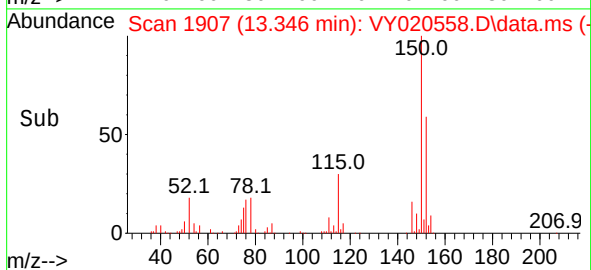
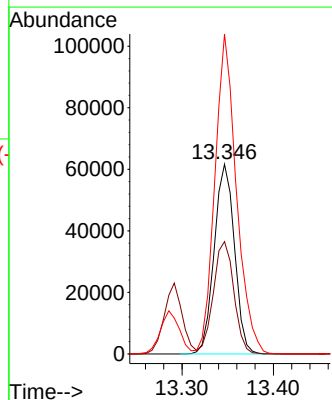
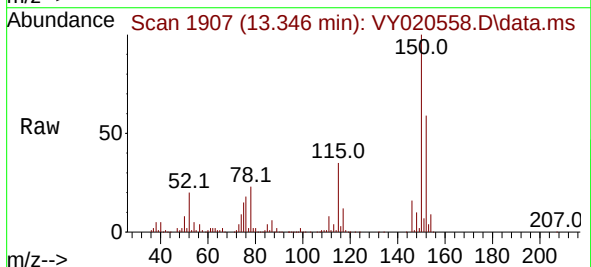
Tgt Ion:152 Resp: 95016

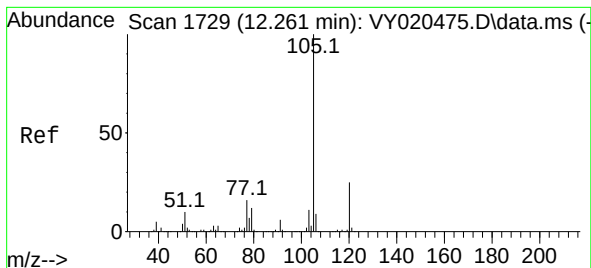
Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 179.6 0.0 348.2





#73

Isopropylbenzene

Concen: 47.912 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

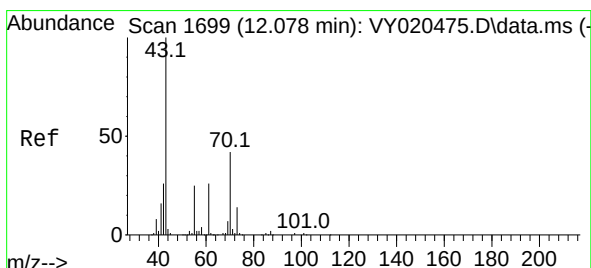
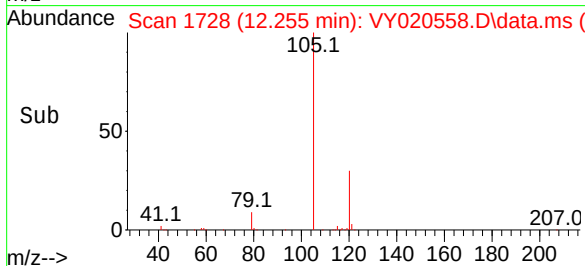
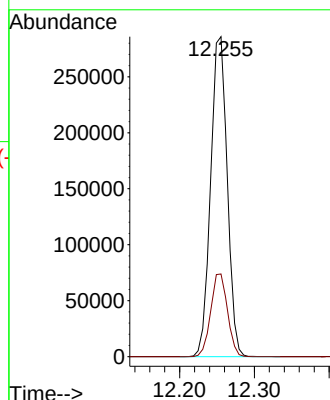
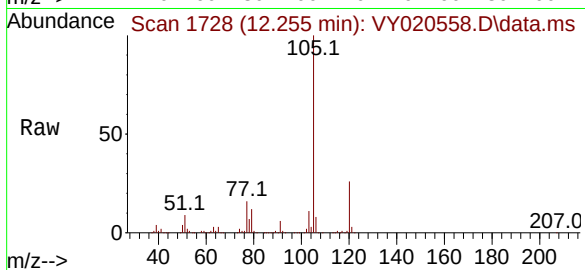
ClientSampleId :

Tgt Ion:105 Resp: 440472

Ion Ratio Lower Upper

105 100

120 26.1 12.7 38.1



#74

N-ethyl acetate

Concen: 63.412 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Tgt Ion: 43 Resp: 114261

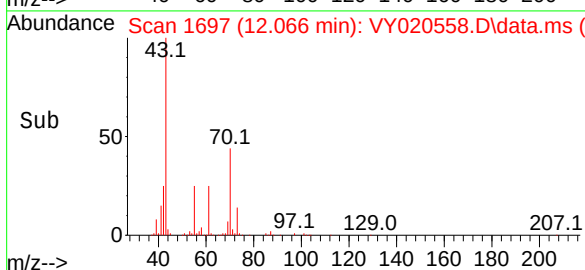
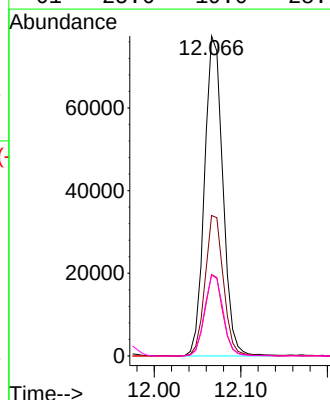
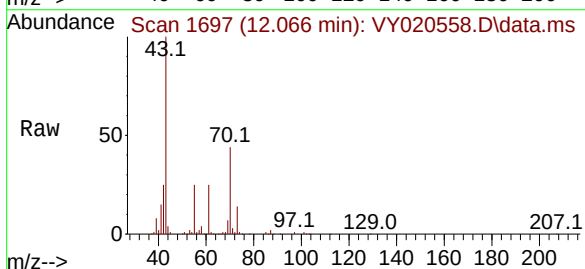
Ion Ratio Lower Upper

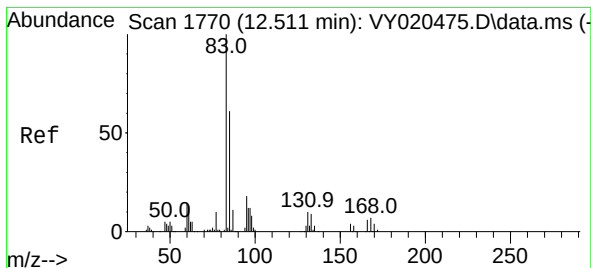
43 100

70 43.9 32.9 49.3

55 25.1 19.3 28.9

61 25.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 60.177 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

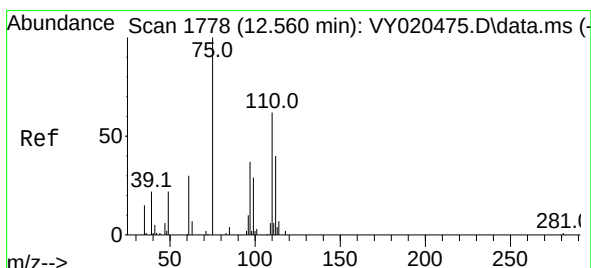
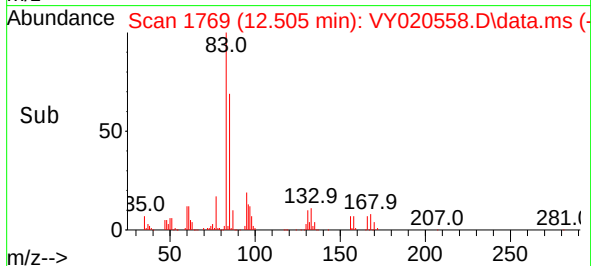
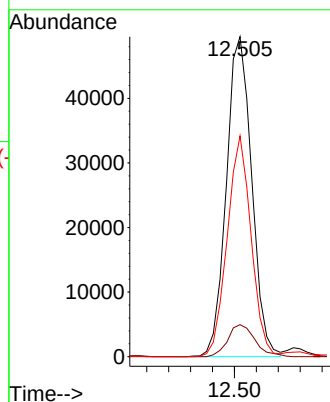
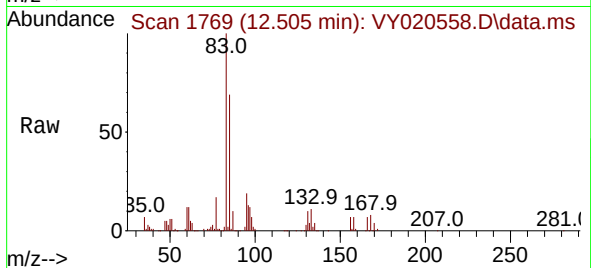
Tgt Ion: 83 Resp: 79558

Ion Ratio Lower Upper

83 100

131 10.7 4.8 14.4

85 65.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 108.602 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020558.D

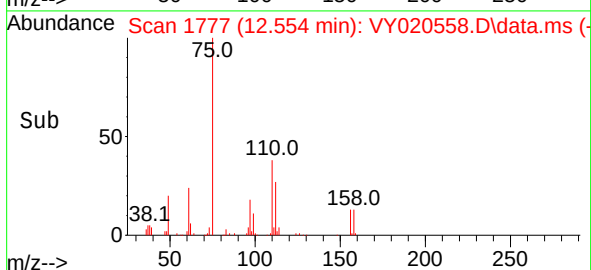
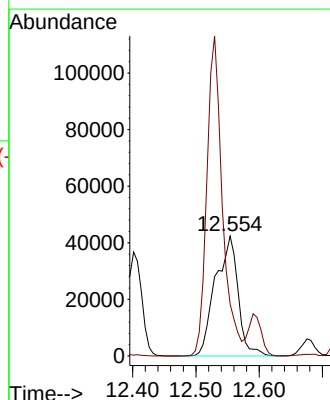
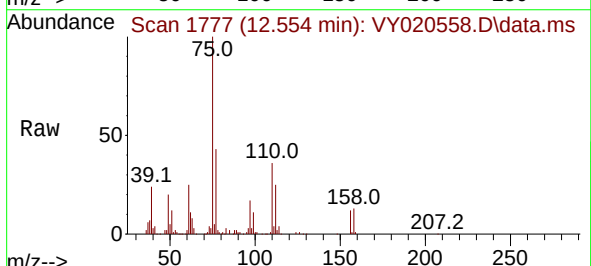
Acq: 09 Dec 2024 16:30

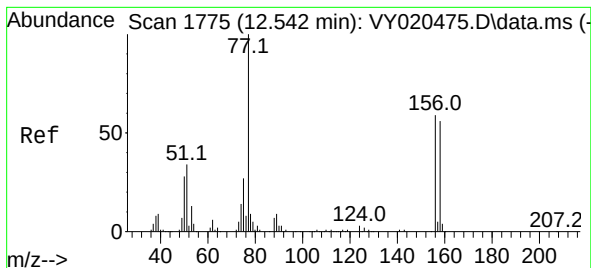
Tgt Ion: 75 Resp: 105117

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.373 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

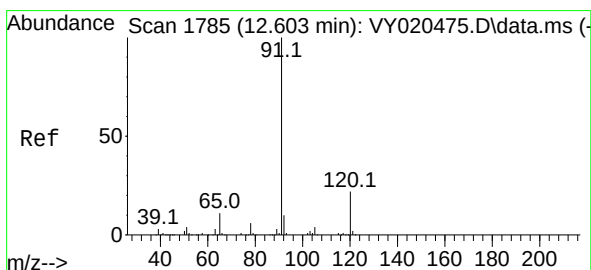
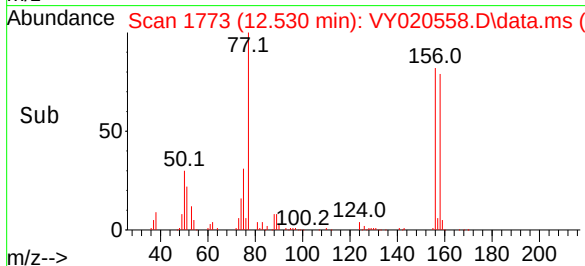
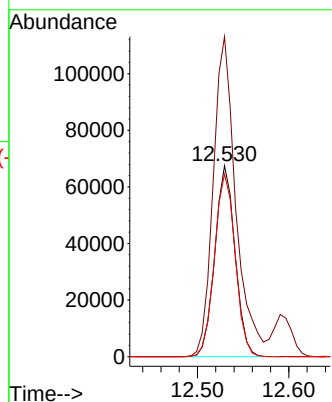
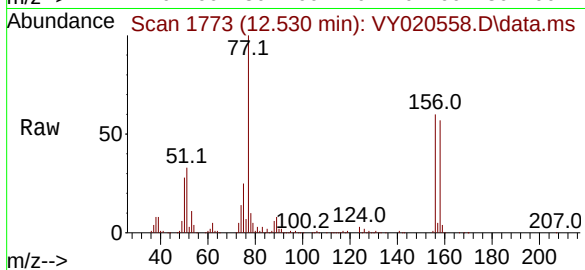
Tgt Ion:156 Resp: 103518

Ion Ratio Lower Upper

156 100

77 187.1 97.2 291.6

158 98.1 47.8 143.4



#78

n-propylbenzene

Concen: 48.138 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.012 min

Lab File: VY020558.D

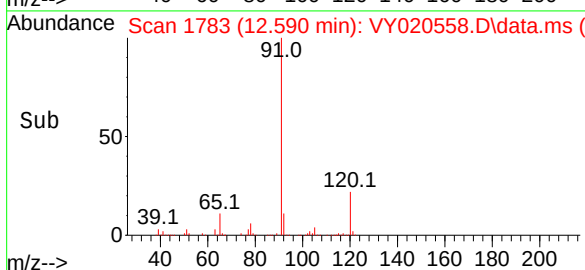
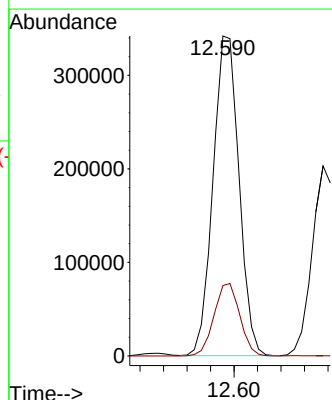
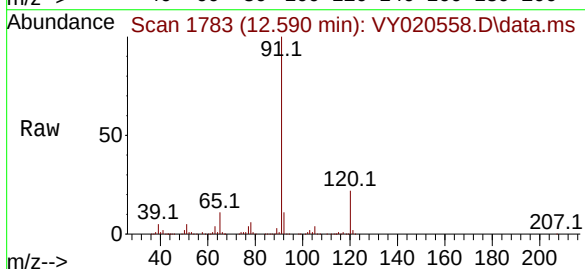
Acq: 09 Dec 2024 16:30

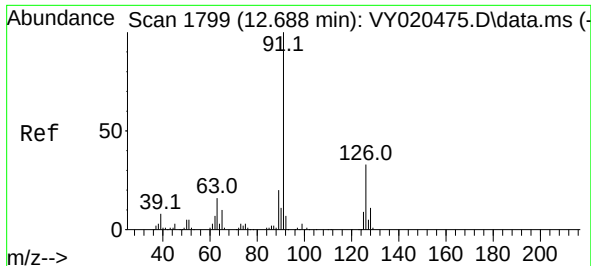
Tgt Ion: 91 Resp: 523963

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.6





#79

2-Chlorotoluene

Concen: 50.690 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

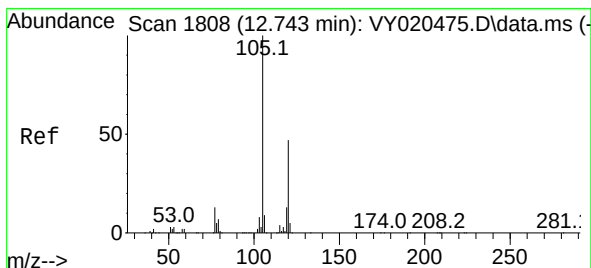
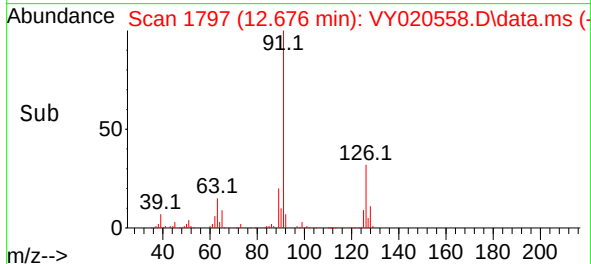
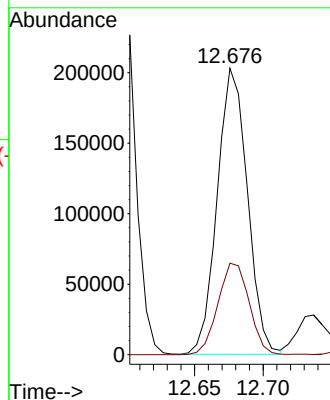
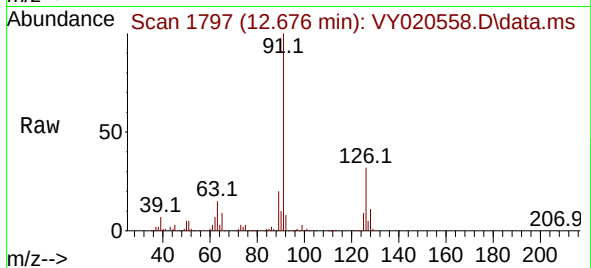
ClientSampleId :

Tgt Ion: 91 Resp: 311331

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 49.795 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY020558.D

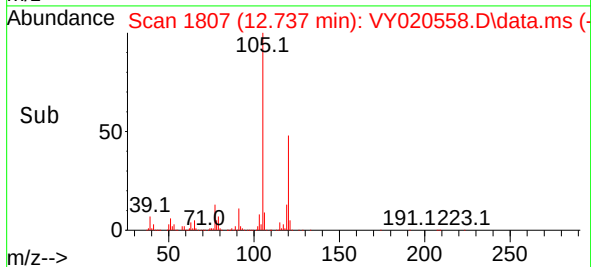
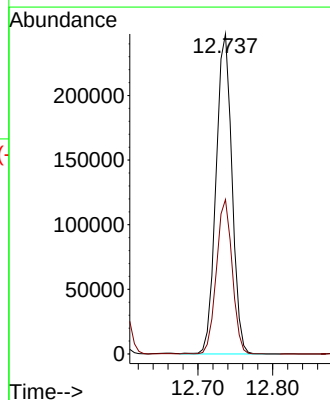
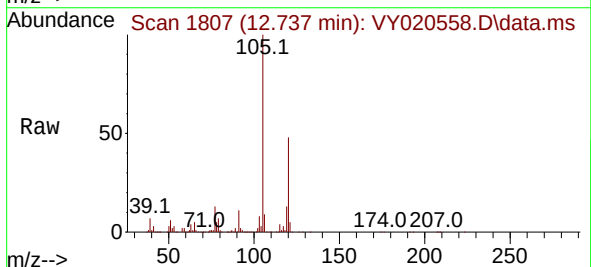
Acq: 09 Dec 2024 16:30

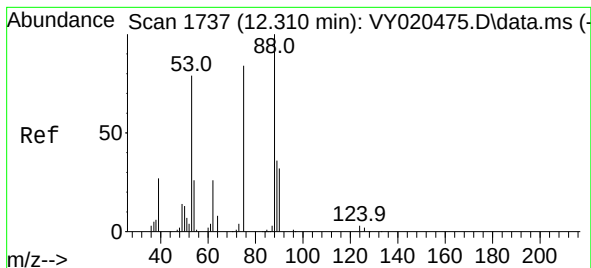
Tgt Ion:105 Resp: 366851

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.8

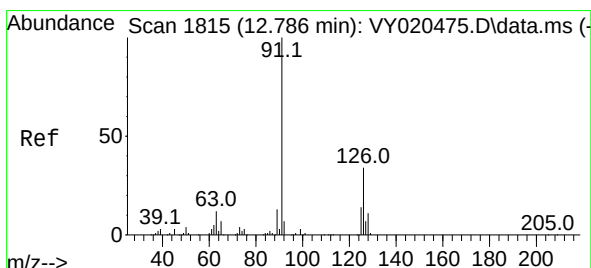
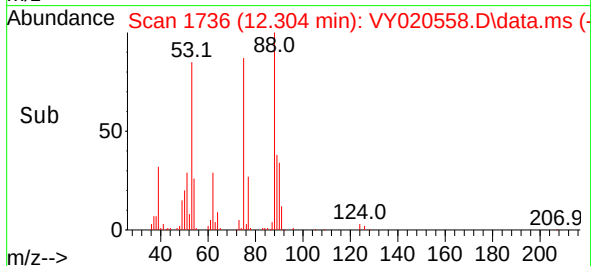
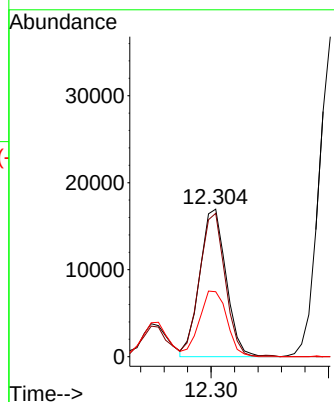
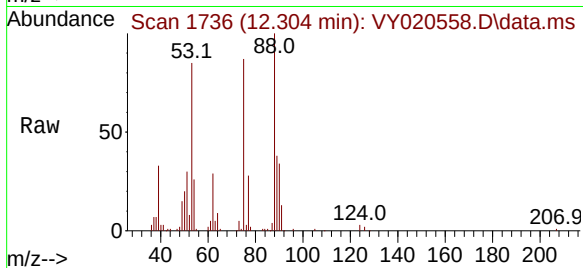




#81
trans-1,4-Dichloro-2-butene
Concen: 56.162 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

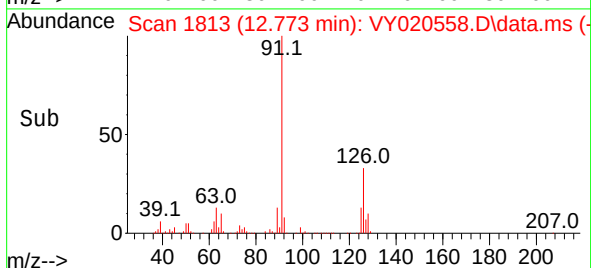
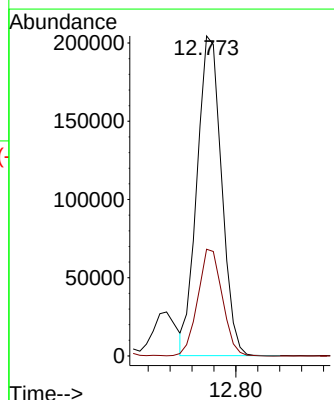
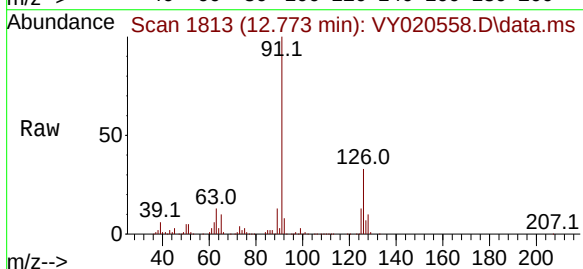
Instrument :
MSVOA_Y
ClientSampleId :

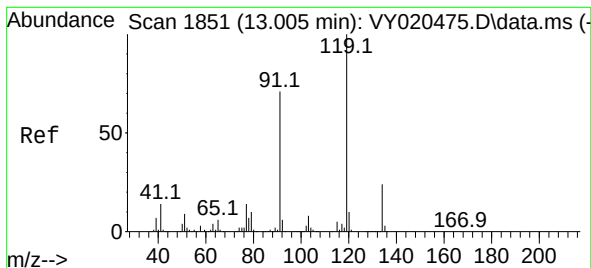
Tgt Ion: 75 Resp: 26493
Ion Ratio Lower Upper
75 100
53 93.0 81.1 121.7
89 46.4 35.1 52.7



#82
4-Chlorotoluene
Concen: 50.717 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 91 Resp: 317879
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.8





#83

tert-Butylbenzene

Concen: 48.888 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

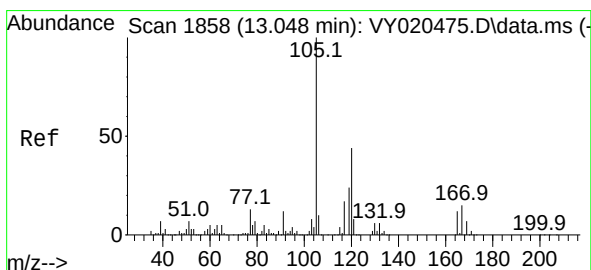
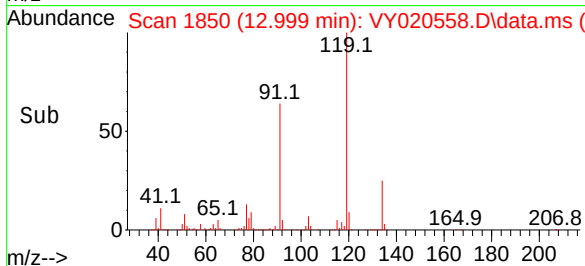
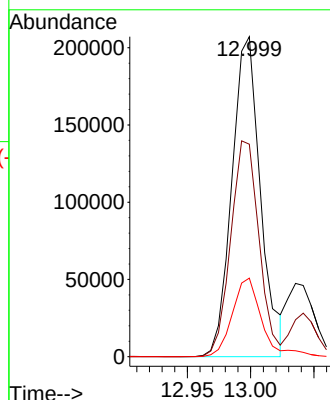
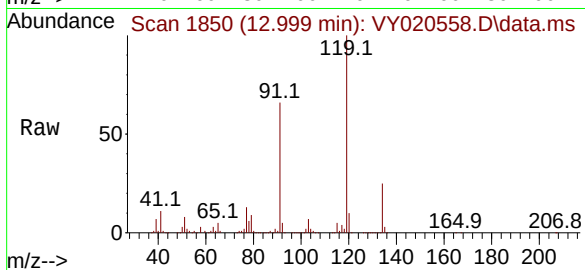
Tgt Ion:119 Resp: 325628

Ion Ratio Lower Upper

119 100

91 67.0 33.3 99.9

134 25.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.526 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020558.D

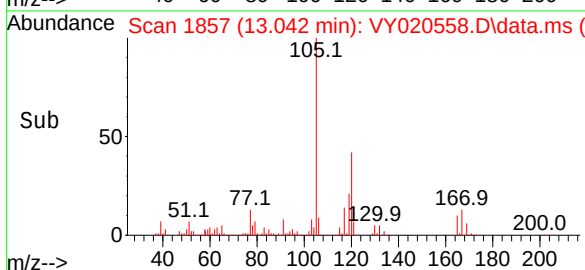
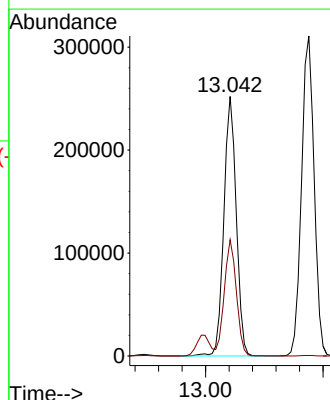
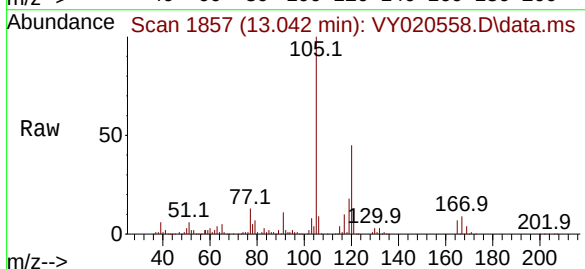
Acq: 09 Dec 2024 16:30

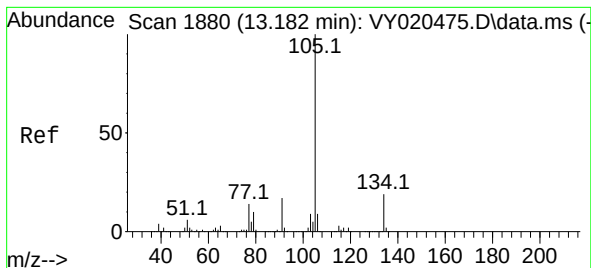
Tgt Ion:105 Resp: 368965

Ion Ratio Lower Upper

105 100

120 43.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 48.369 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

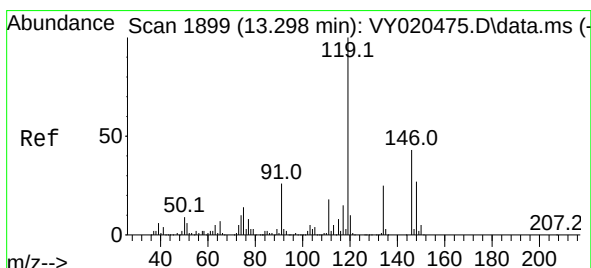
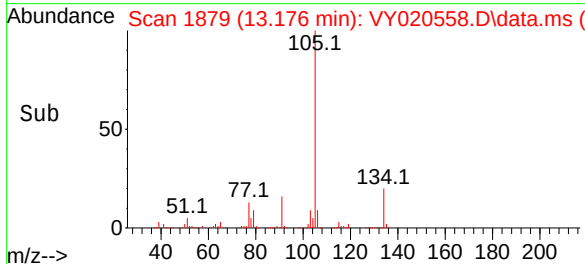
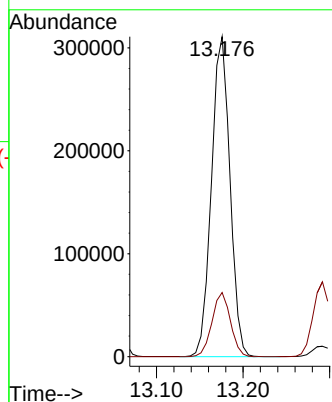
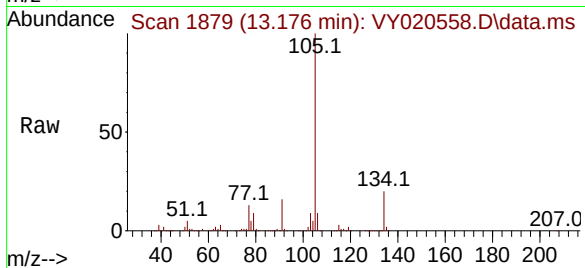
ClientSampleId :

Tgt Ion:105 Resp: 461712

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



#86

p-Isopropyltoluene

Concen: 49.914 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

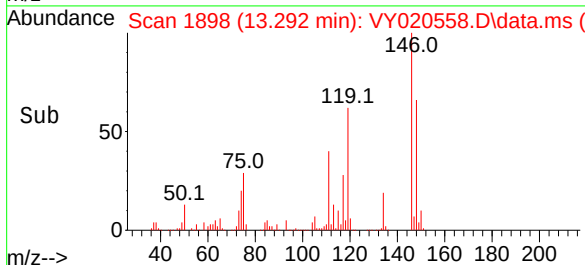
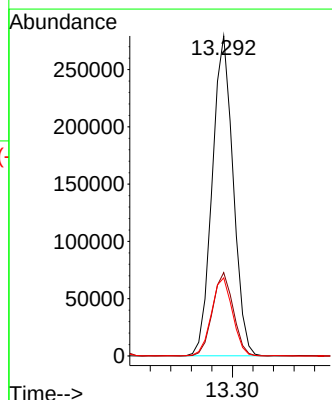
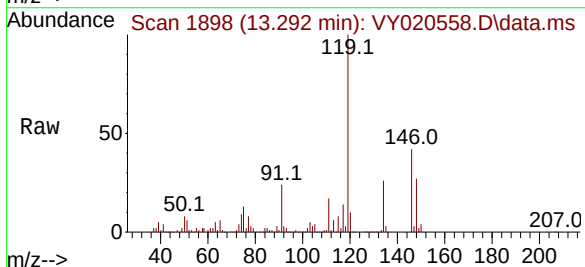
Tgt Ion:119 Resp: 393728

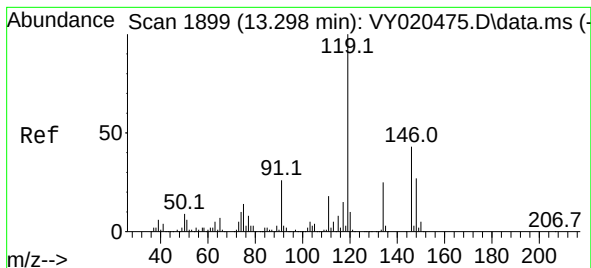
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

91 24.6 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 54.046 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

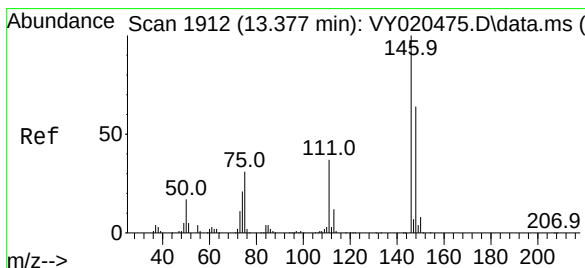
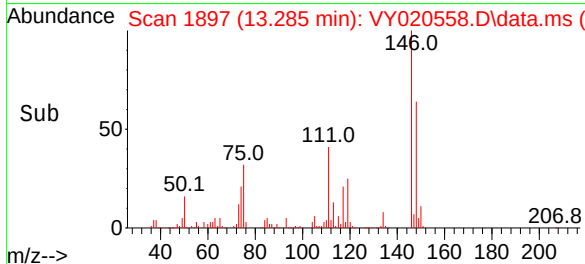
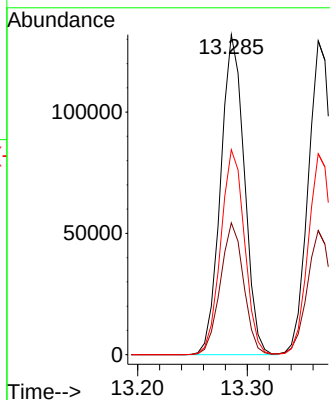
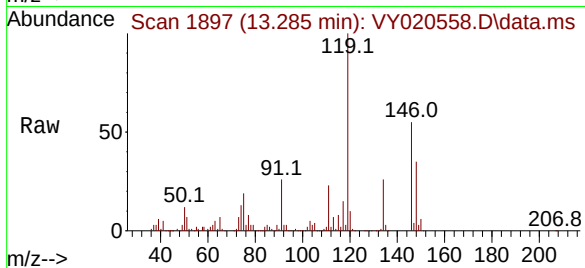
Tgt Ion:146 Resp: 198440

Ion Ratio Lower Upper

146 100

111 40.5 20.5 61.6

148 64.0 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 54.975 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

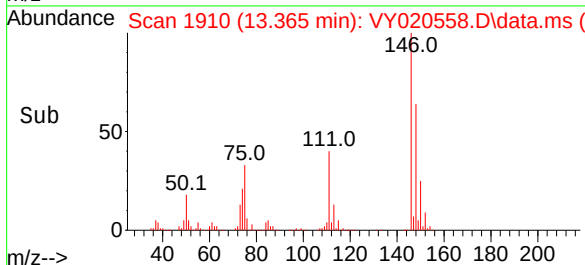
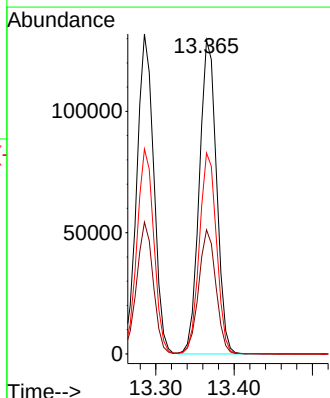
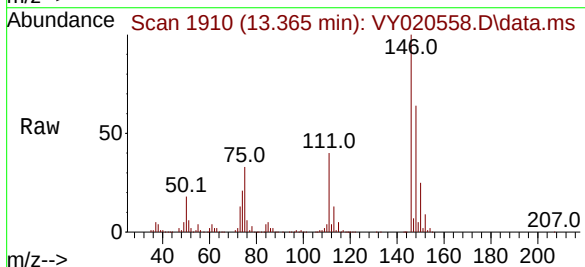
Tgt Ion:146 Resp: 197605

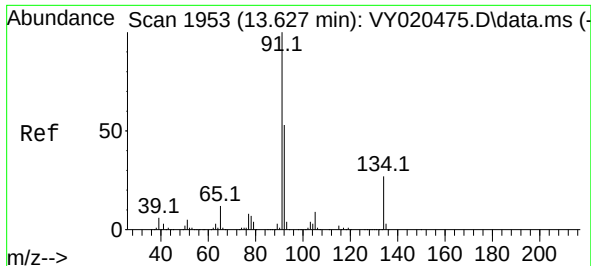
Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.6

148 63.7 32.0 96.2





#89

n-Butylbenzene

Concen: 49.412 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

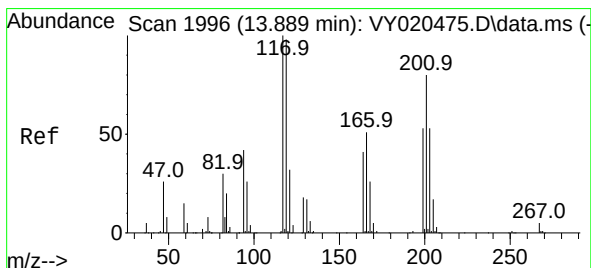
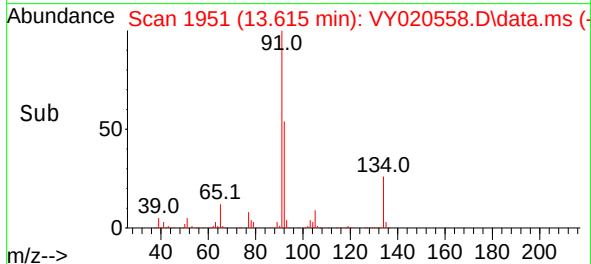
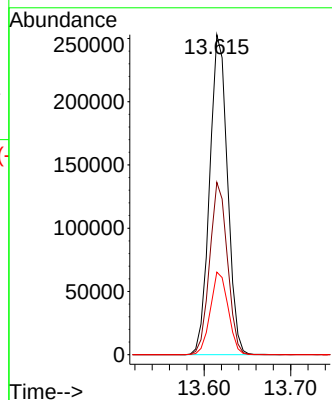
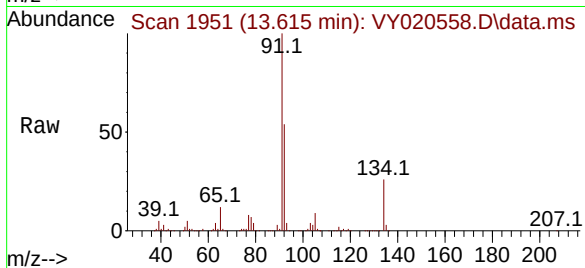
Tgt Ion: 91 Resp: 361502

Ion Ratio Lower Upper

91 100

92 53.5 26.5 79.5

134 25.8 12.2 36.4



#90

Hexachloroethane

Concen: 50.584 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.012 min

Lab File: VY020558.D

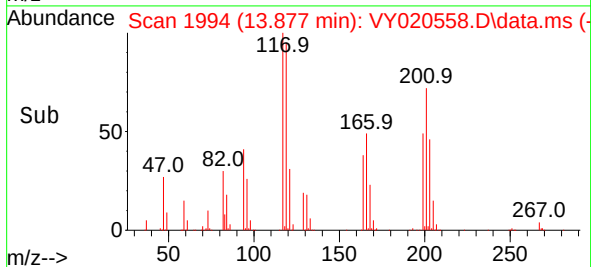
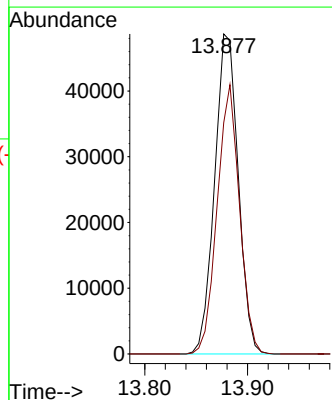
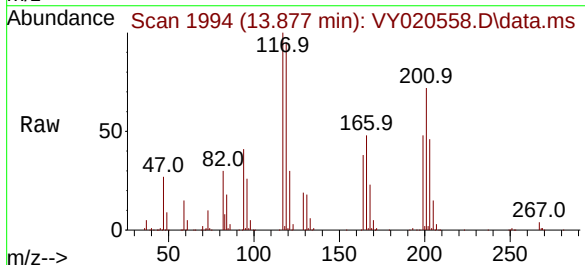
Acq: 09 Dec 2024 16:30

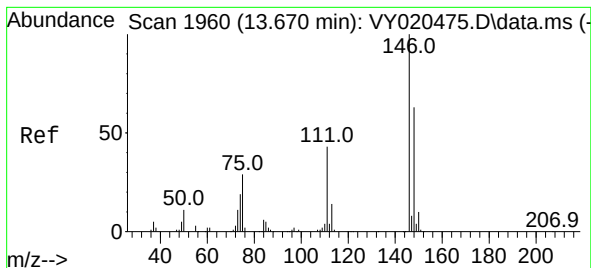
Tgt Ion: 117 Resp: 77763

Ion Ratio Lower Upper

117 100

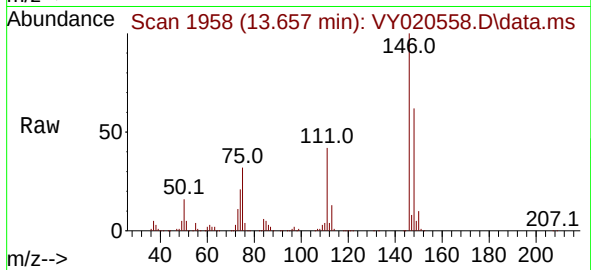
201 79.5 37.1 111.3



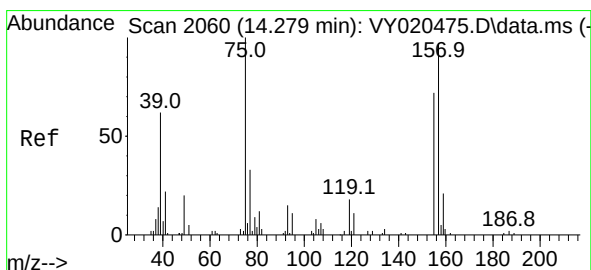
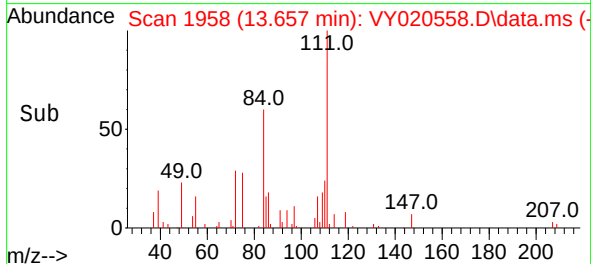
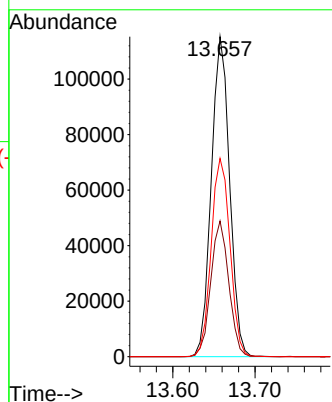


#91
1,2-Dichlorobenzene
Concen: 57.232 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.012 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

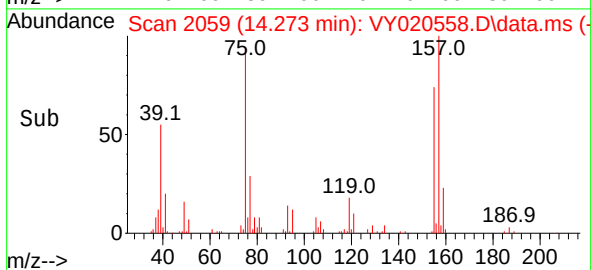
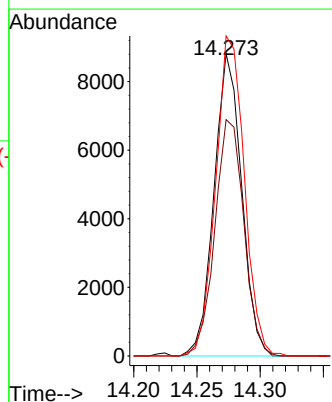
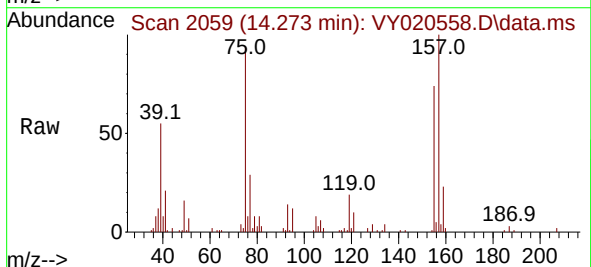


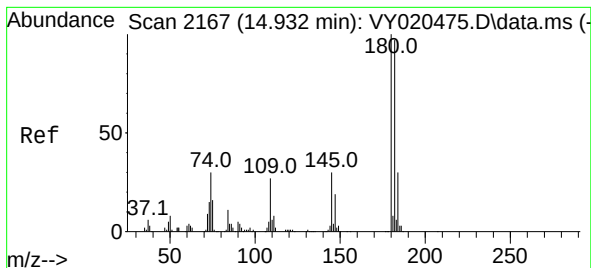
Tgt Ion:146 Resp: 178203
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.5
148 63.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 66.672 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY020558.D
Acq: 09 Dec 2024 16:30

Tgt Ion: 75 Resp: 13344
Ion Ratio Lower Upper
75 100
155 82.3 39.7 119.1
157 110.2 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 63.750 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

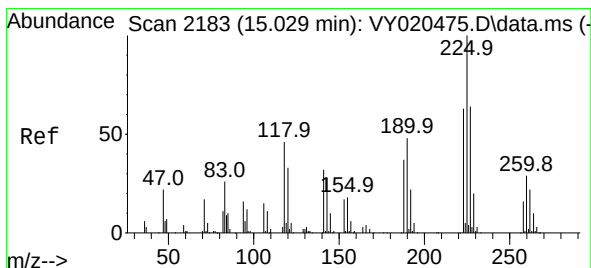
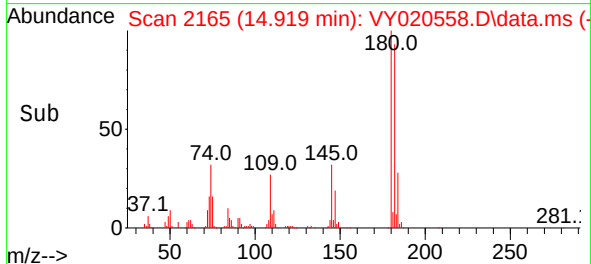
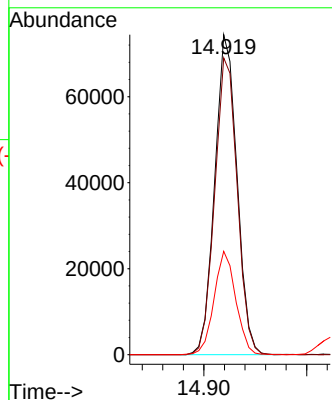
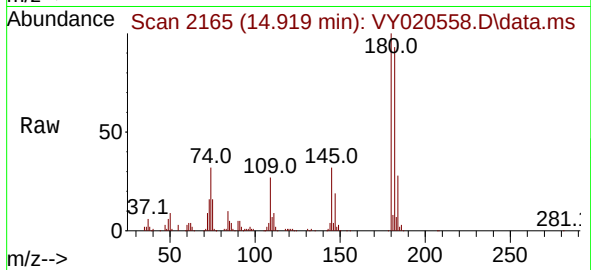
Tgt Ion:180 Resp: 111618

Ion Ratio Lower Upper

180 100

182 93.9 47.6 142.8

145 31.6 15.8 47.3



#94

Hexachlorobutadiene

Concen: 55.625 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

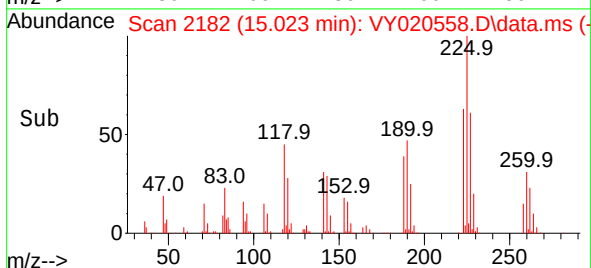
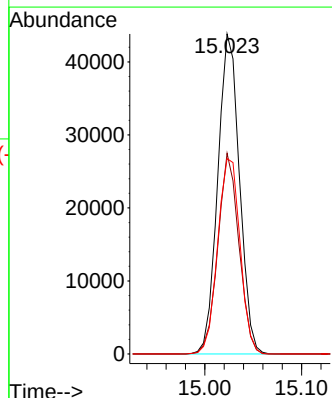
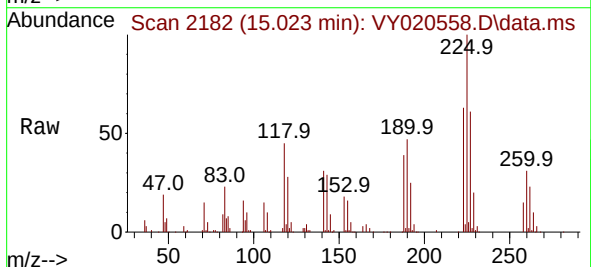
Tgt Ion:225 Resp: 68133

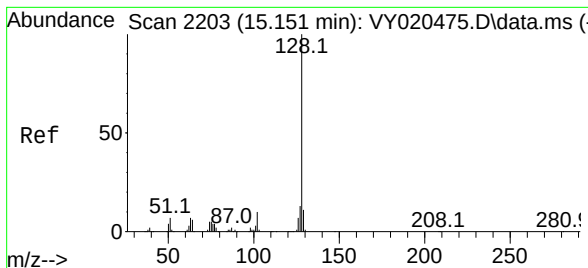
Ion Ratio Lower Upper

225 100

223 60.8 31.9 95.5

227 63.1 32.3 96.8





#95

Naphthalene

Concen: 75.177 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.006 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

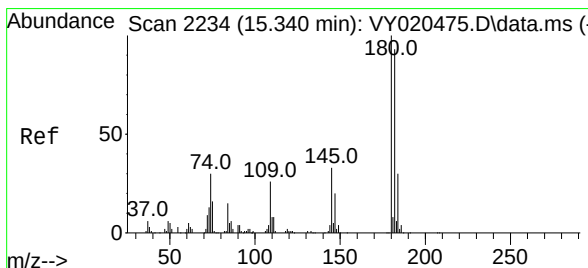
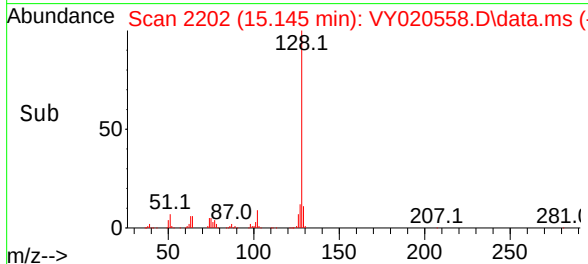
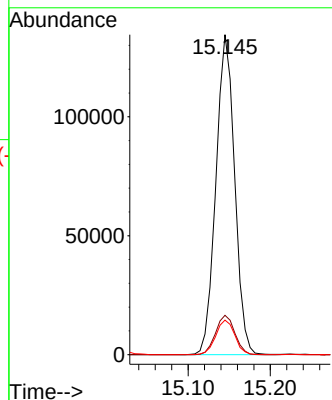
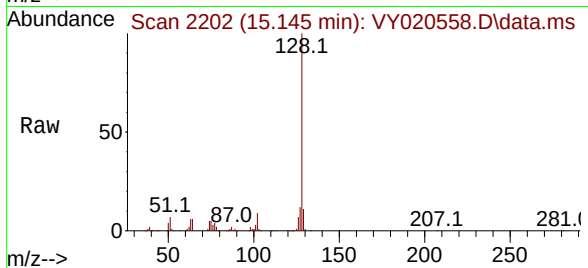
Tgt Ion:128 Resp: 212996

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 68.575 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.012 min

Lab File: VY020558.D

Acq: 09 Dec 2024 16:30

Tgt Ion:180 Resp: 96880

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.3

145 33.7 16.9 50.6

