

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020623.D
 Acq On : 18 Dec 2024 09:43
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121824

Quant Time: Dec 18 14:20:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	181172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	281800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	246057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	135162	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	93039	46.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.780%
35) Dibromofluoromethane	7.640	113	95632	48.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.300%
50) Toluene-d8	10.109	98	336852	48.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.408	95	123092	45.267	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	116592	51.523	ug/l	98
3) Chloromethane	2.074	50	94009	56.068	ug/l	99
4) Vinyl Chloride	2.208	62	93185	59.712	ug/l	100
5) Bromomethane	2.598	94	58436	58.252	ug/l	98
6) Chloroethane	2.739	64	56906	59.008	ug/l	98
7) Trichlorofluoromethane	3.068	101	174799	53.530	ug/l	98
8) Diethyl Ether	3.458	74	61832	53.992	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	129101	55.158	ug/l	100
10) Methyl Iodide	4.013	142	154019	59.104	ug/l	98
11) Tert butyl alcohol	4.872	59	45575	213.025	ug/l	99
12) 1,1-Dichloroethene	3.799	96	127279	56.045	ug/l	99
13) Acrolein	3.659	56	14612	155.740	ug/l	97
14) Allyl chloride	4.391	41	228359	57.385	ug/l	98
15) Acrylonitrile	5.067	53	142723	260.505	ug/l	98
16) Acetone	3.873	43	101352	257.301	ug/l	100
17) Carbon Disulfide	4.116	76	417887	56.530	ug/l	100
18) Methyl Acetate	4.391	43	73409	54.377	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	317105	54.099	ug/l	99
20) Methylene Chloride	4.629	84	133010	53.915	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	141258	55.450	ug/l	97
22) Diisopropyl ether	6.025	45	452462	56.015	ug/l	97
23) Vinyl Acetate	5.964	43	1258502	275.088	ug/l	100
24) 1,1-Dichloroethane	5.927	63	263259	55.632	ug/l	99
25) 2-Butanone	6.903	43	179579	243.530	ug/l	100
26) 2,2-Dichloropropane	6.890	77	234203	52.354	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	162240	55.354	ug/l	99
28) Bromochloromethane	7.250	49	88805	55.637	ug/l	98
29) Tetrahydrofuran	7.268	42	120593	259.058	ug/l	99
30) Chloroform	7.427	83	267283	56.991	ug/l	97
31) Cyclohexane	7.707	56	230457	50.933	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	236866	54.484	ug/l	99
36) 1,1-Dichloropropene	7.841	75	195474	53.976	ug/l	100
37) Ethyl Acetate	6.988	43	85696	50.307	ug/l	99
38) Carbon Tetrachloride	7.823	117	215219	53.714	ug/l	97
39) Methylcyclohexane	9.109	83	250222	53.013	ug/l	99
40) Benzene	8.085	78	584718	55.083	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	45639	50.678	ug/l #	92
42) 1,2-Dichloroethane	8.158	62	149628	53.147	ug/l	100
43) Isopropyl Acetate	8.201	43	170873	52.984	ug/l	100
44) Trichloroethene	8.866	130	142790	54.743	ug/l	99
45) 1,2-Dichloropropane	9.146	63	134987	54.411	ug/l	94
46) Dibromomethane	9.231	93	69796	53.233	ug/l	99
47) Bromodichloromethane	9.426	83	191747	54.141	ug/l	99
48) Methyl methacrylate	9.225	41	80945	52.797	ug/l	98
49) 1,4-Dioxane	9.231	88	15521	1032.238	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	434924	255.497	ug/l	99
52) Toluene	10.176	92	360124	54.590	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	181188	54.904	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	216369	55.329	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	91364	52.705	ug/l	98
56) Ethyl methacrylate	10.438	69	138340	55.009	ug/l	98
57) 1,3-Dichloropropane	10.719	76	165219	53.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	246475	232.929	ug/l	100
59) 2-Hexanone	10.762	43	284335	260.158	ug/l	99
60) Dibromochloromethane	10.914	129	126021	54.359	ug/l	99
61) 1,2-Dibromoethane	11.018	107	85370	52.944	ug/l	100
64) Tetrachloroethene	10.652	164	122795	53.056	ug/l	95
65) Chlorobenzene	11.444	112	378529	55.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	129481	55.037	ug/l	99
67) Ethyl Benzene	11.524	91	703089	55.393	ug/l	99
68) m/p-Xylenes	11.627	106	519103	109.995	ug/l	100
69) o-Xylene	11.957	106	242747	55.129	ug/l	98
70) Styrene	11.975	104	406649	55.275	ug/l	99
71) Bromoform	12.133	173	71545	54.090	ug/l #	98
73) Isopropylbenzene	12.255	105	655105	55.541	ug/l	100
74) N-amyl acetate	12.072	43	151318	54.818	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	102678	53.630	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	138980	98.983	ug/l #	100
77) Bromobenzene	12.536	156	141911	55.233	ug/l	99
78) n-propylbenzene	12.597	91	783540	55.137	ug/l	99
79) 2-Chlorotoluene	12.682	91	446278	55.818	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	534457	55.844	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	37214	55.634	ug/l	99
82) 4-Chlorotoluene	12.780	91	451687	54.455	ug/l	100
83) tert-Butylbenzene	12.999	119	472868	54.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	525941	56.024	ug/l	98
85) sec-Butylbenzene	13.176	105	694384	55.099	ug/l	100
86) p-Isopropyltoluene	13.298	119	585461	56.346	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	280882	55.381	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	271866	54.122	ug/l	99
89) n-Butylbenzene	13.621	91	552991	56.156	ug/l	99
90) Hexachloroethane	13.883	117	113928	55.329	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	239707	54.548	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15981	51.412	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	149441	56.222	ug/l	99
94) Hexachlorobutadiene	15.029	225	97741	56.250	ug/l	99
95) Naphthalene	15.151	128	256906	56.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	126145	56.169	ug/l	99

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QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

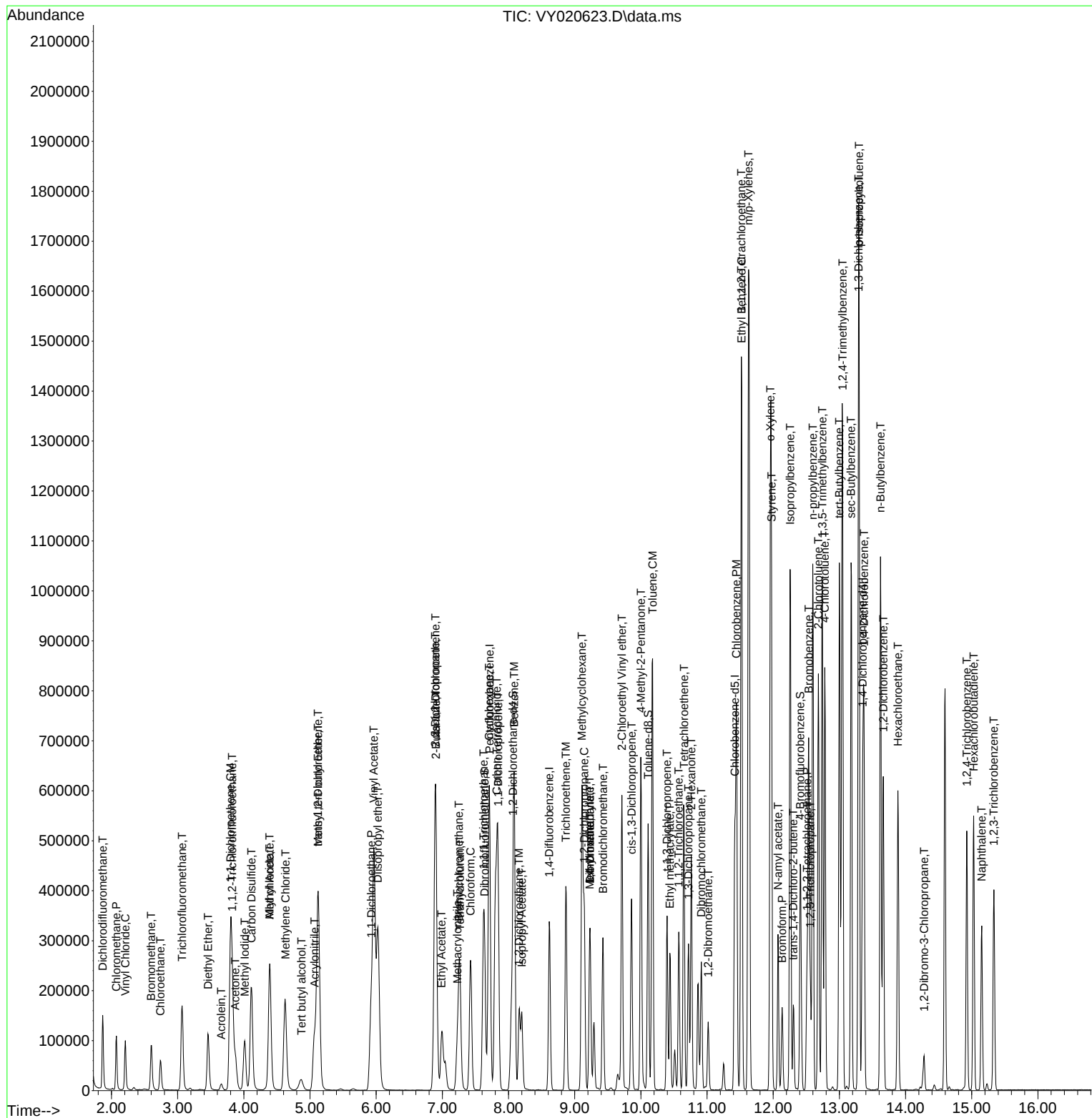
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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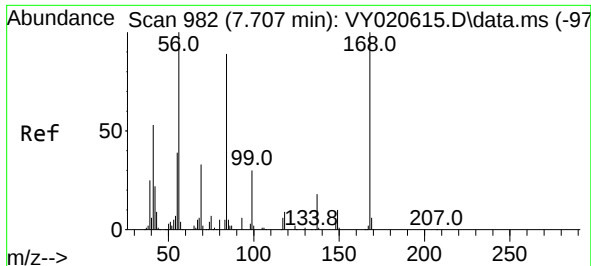
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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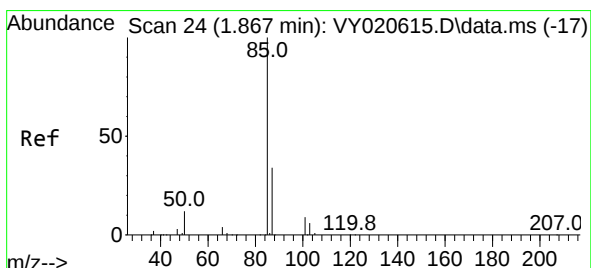
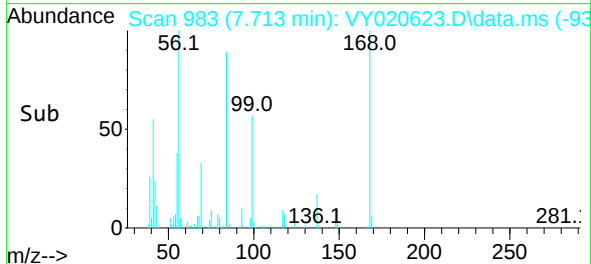
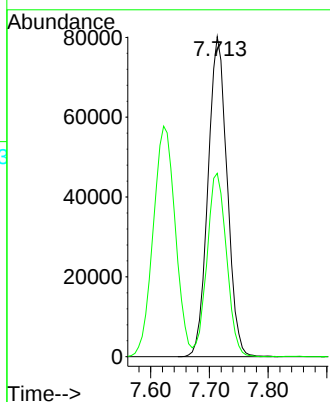
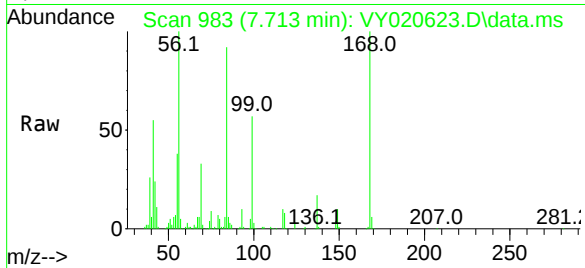




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020623.D
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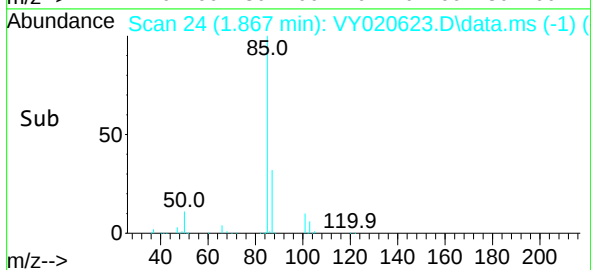
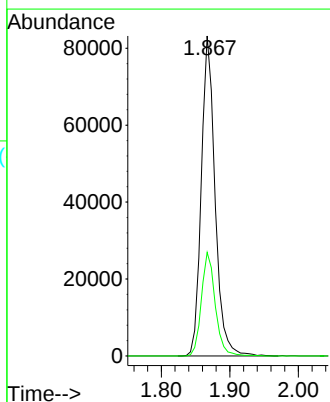
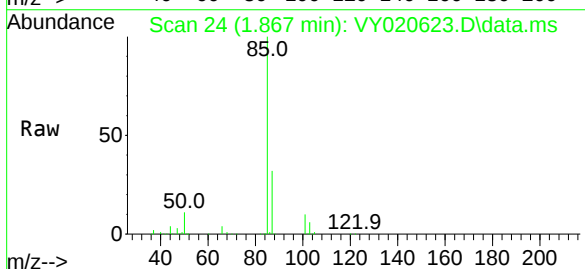
Instrument :
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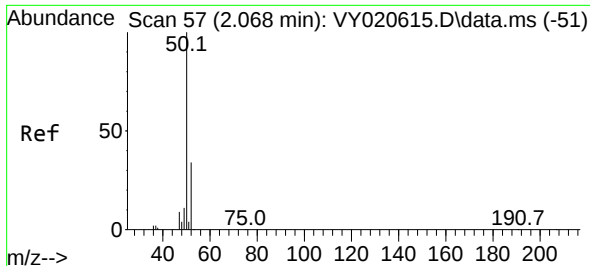
Tgt Ion:168 Resp: 181172
Ion Ratio Lower Upper
168 100
99 57.3 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 51.523 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 85 Resp: 116592
Ion Ratio Lower Upper
85 100
87 32.4 16.8 50.3

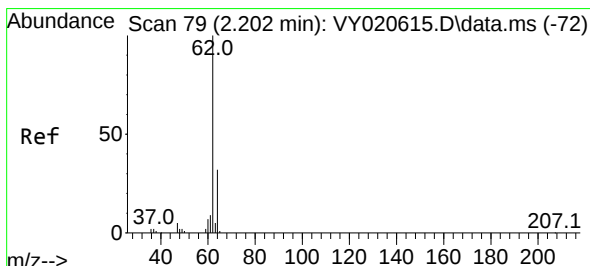
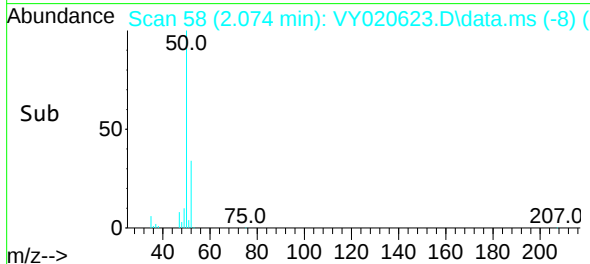
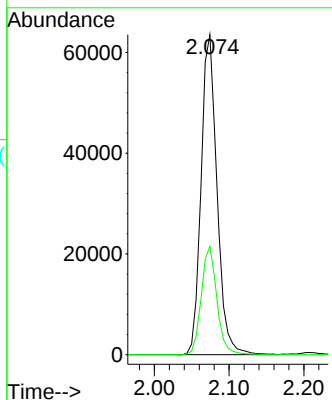
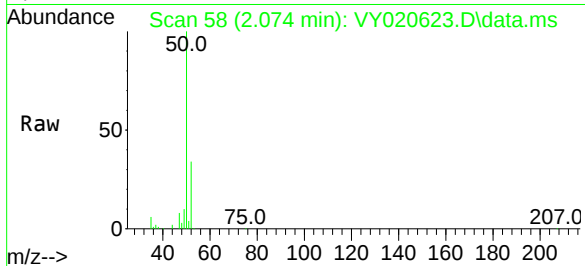




#3
Chloromethane
Concen: 56.068 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

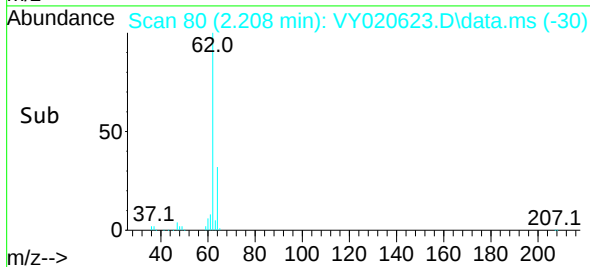
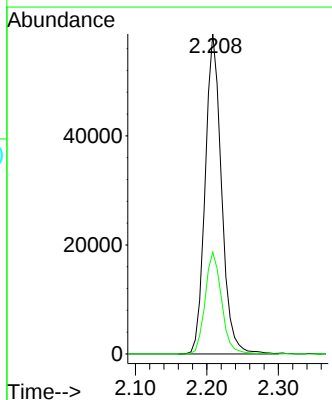
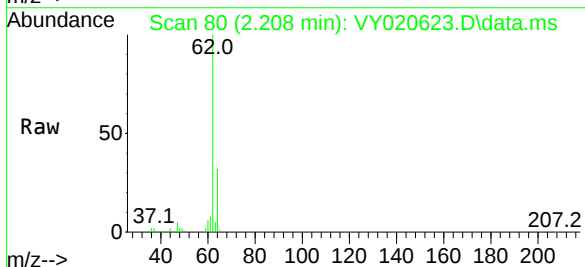
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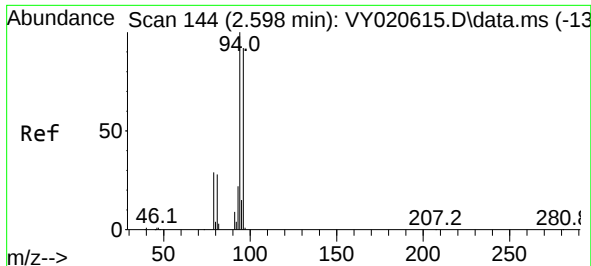
Tgt Ion: 50 Resp: 94009
Ion Ratio Lower Upper
50 100
52 33.9 26.8 40.2



#4
Vinyl Chloride
Concen: 59.712 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 62 Resp: 93185
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9

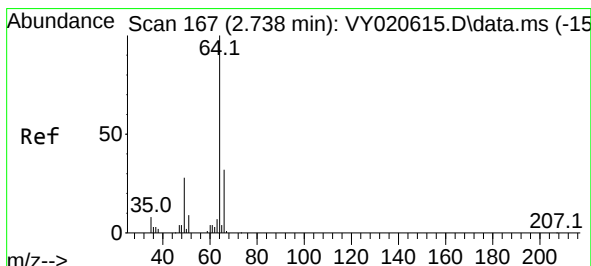
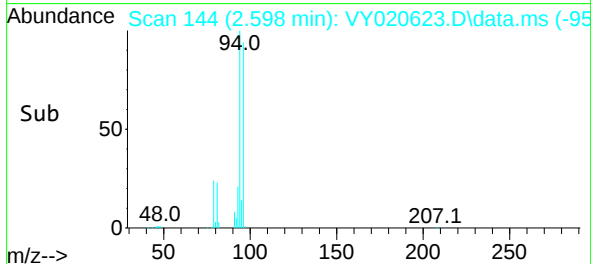
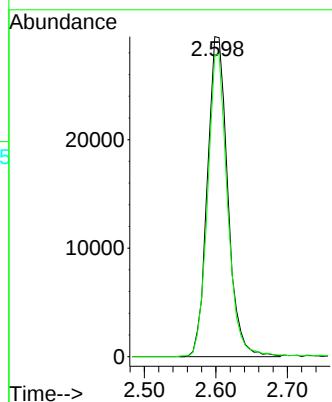
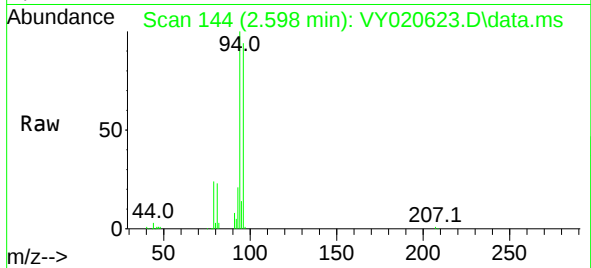




#5
Bromomethane
Concen: 58.252 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020623.D
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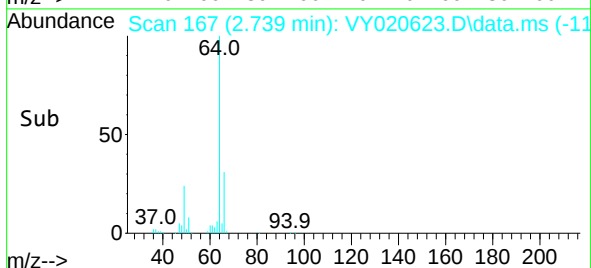
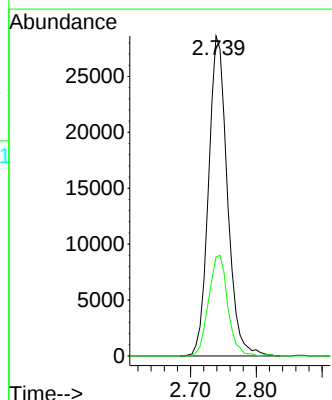
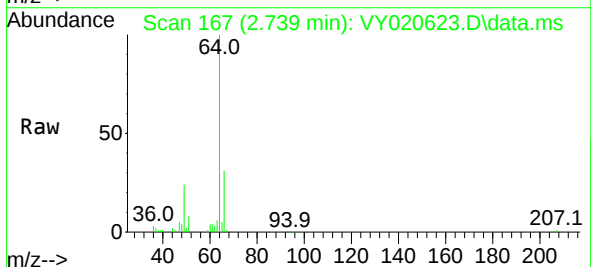
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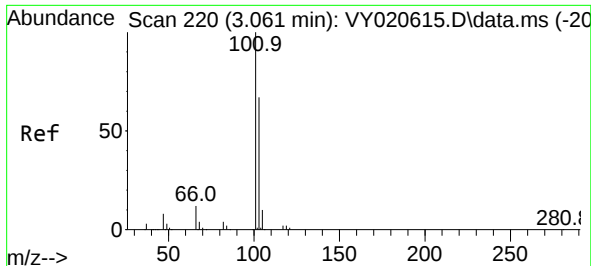
Tgt Ion: 94 Resp: 58436
Ion Ratio Lower Upper
94 100
96 93.9 73.8 110.6



#6
Chloroethane
Concen: 59.008 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
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Acq: 18 Dec 2024 09:43

Tgt Ion: 64 Resp: 56906
Ion Ratio Lower Upper
64 100
66 31.0 25.8 38.6

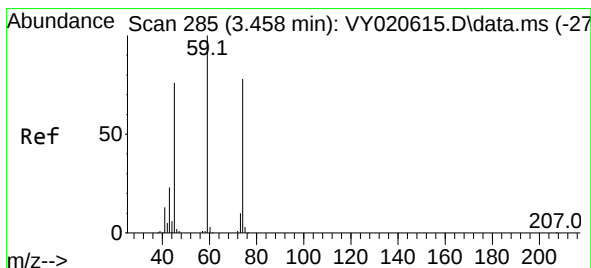
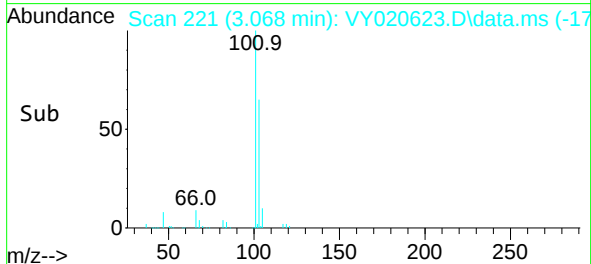
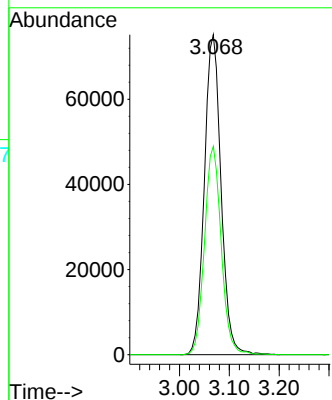
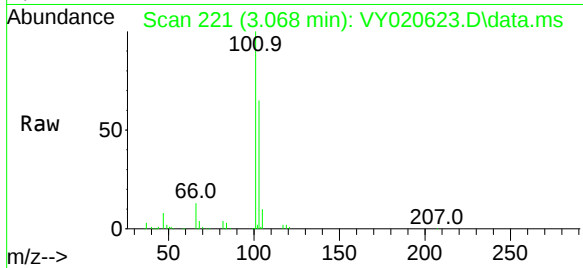




#7
 Trichlorofluoromethane
 Concen: 53.530 ug/l
 RT: 3.068 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY020623.D
 Acq: 18 Dec 2024 09:43

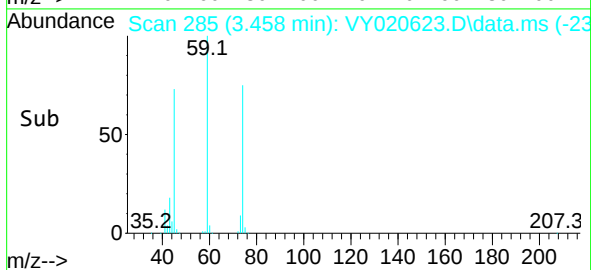
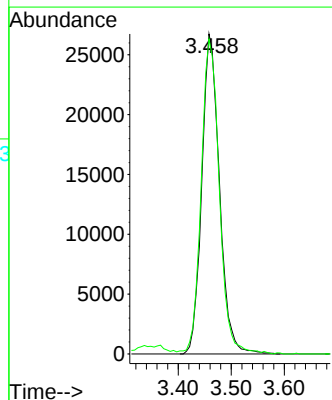
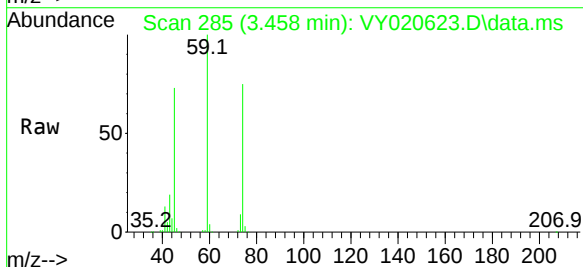
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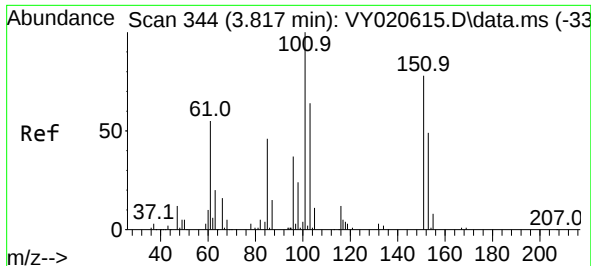
Tgt Ion:101 Resp: 174799
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.4 80.0



#8
 Diethyl Ether
 Concen: 53.992 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020623.D
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Tgt Ion: 74 Resp: 61832
 Ion Ratio Lower Upper
 74 100
 45 101.1 49.0 147.2

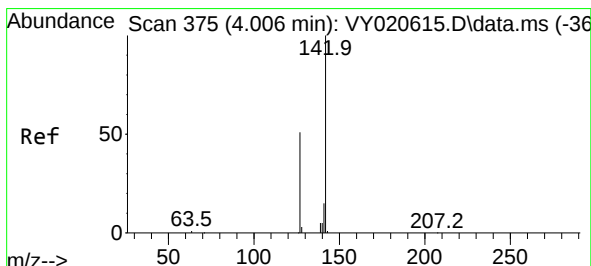
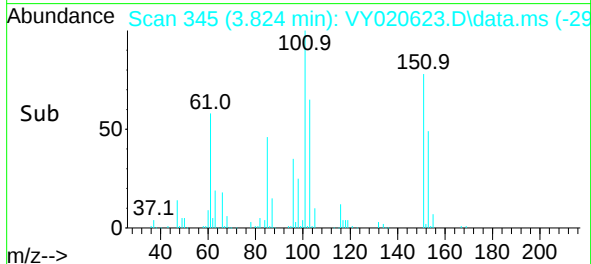
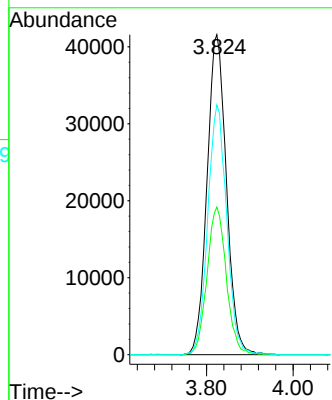
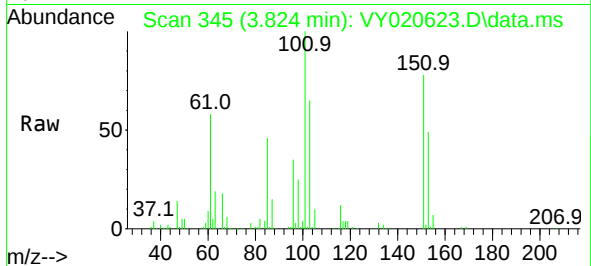




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.158 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

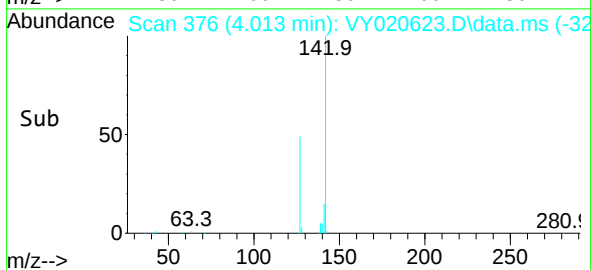
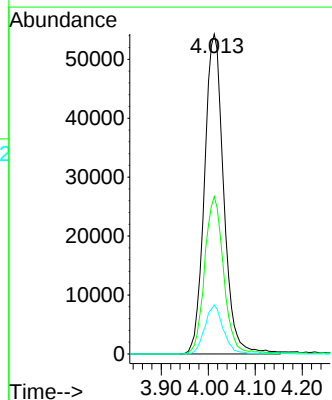
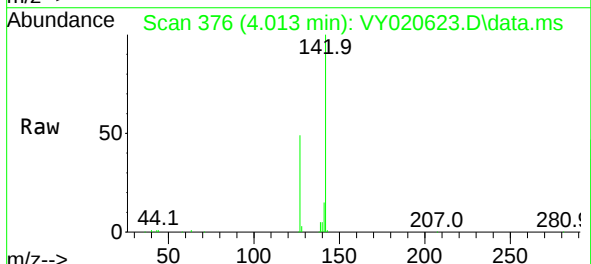
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

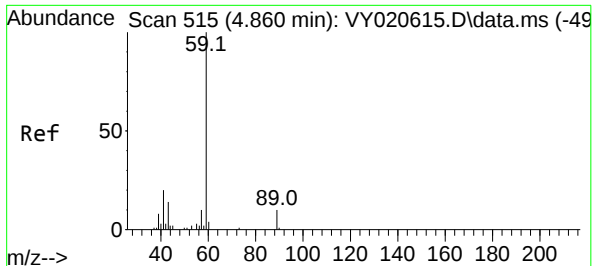
Tgt Ion:101 Resp: 129101
Ion Ratio Lower Upper
101 100
85 45.9 36.6 54.8
151 76.7 61.5 92.3



#10
Methyl Iodide
Concen: 59.104 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion:142 Resp: 154019
Ion Ratio Lower Upper
142 100
127 48.7 40.6 61.0
141 14.7 11.7 17.5





#11

Tert butyl alcohol

Concen: 213.025 ug/l

RT: 4.872 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

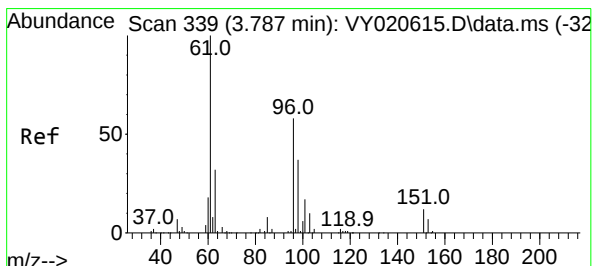
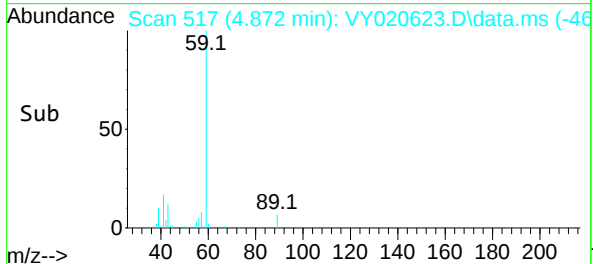
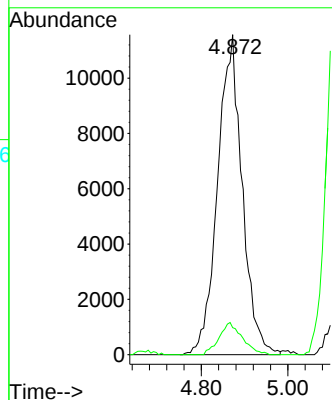
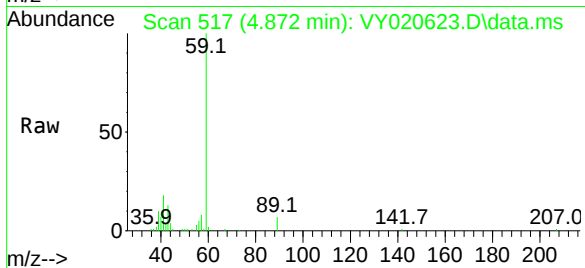
ICVY121824

Tgt Ion: 59 Resp: 45575

Ion Ratio Lower Upper

59 100

57 9.5 7.4 11.0



#12

1,1-Dichloroethene

Concen: 56.045 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

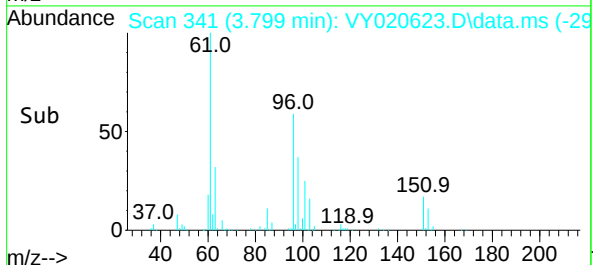
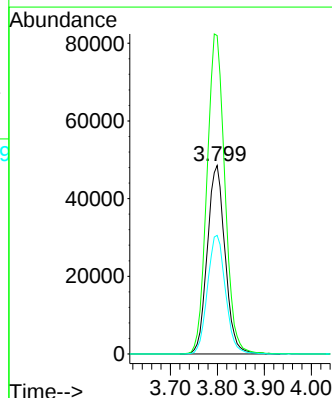
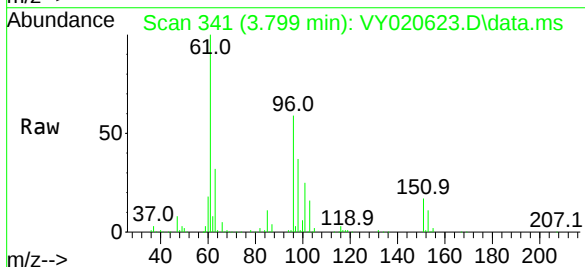
Tgt Ion: 96 Resp: 127279

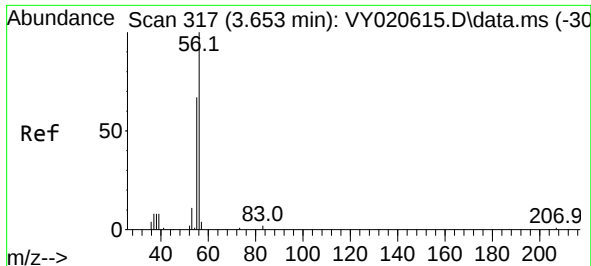
Ion Ratio Lower Upper

96 100

61 168.8 136.9 205.3

98 62.8 50.2 75.4





#13

Acrolein

Concen: 155.740 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

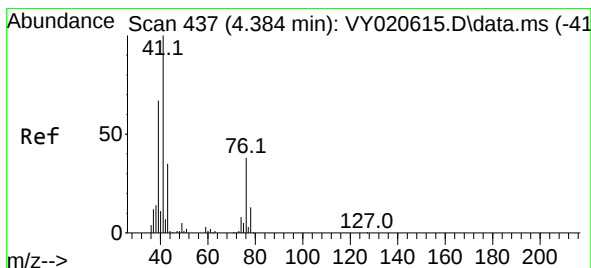
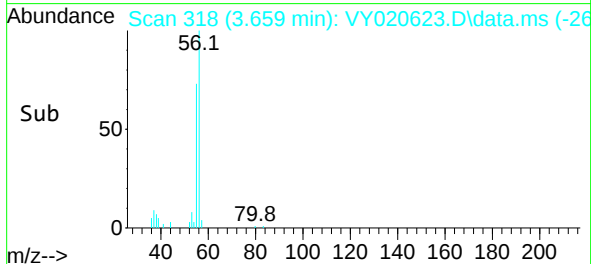
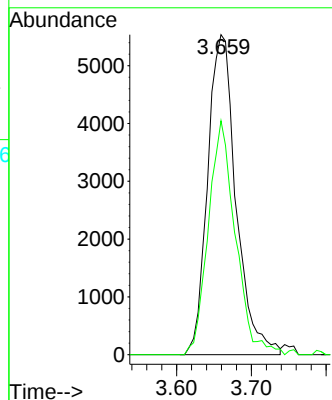
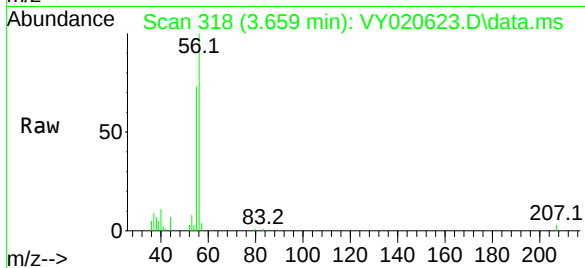
ICVY121824

Tgt Ion: 56 Resp: 14612

Ion Ratio Lower Upper

56 100

55 69.7 57.5 86.3



#14

Allyl chloride

Concen: 57.385 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

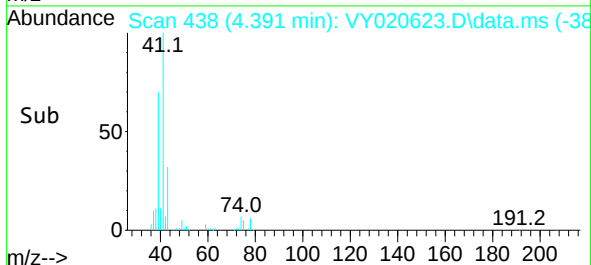
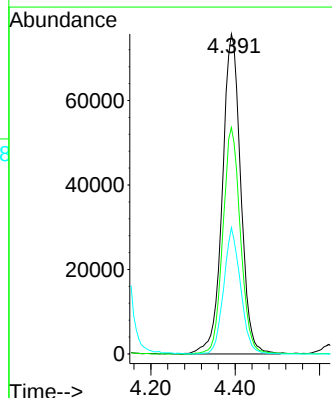
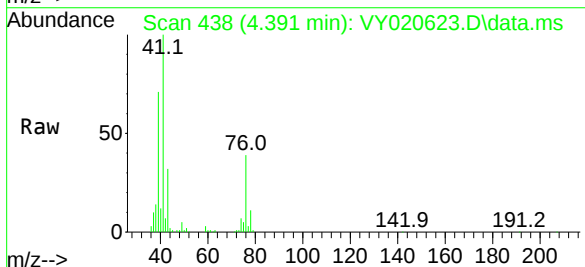
Tgt Ion: 41 Resp: 228359

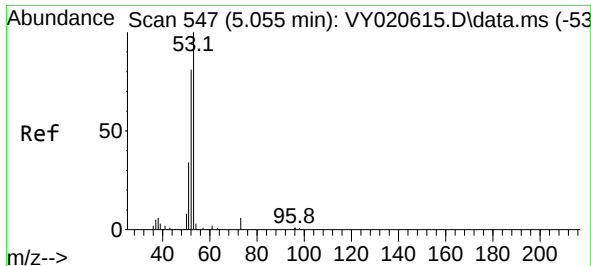
Ion Ratio Lower Upper

41 100

39 67.8 53.0 79.4

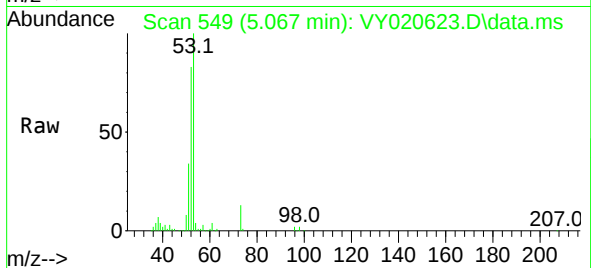
76 36.2 29.5 44.3



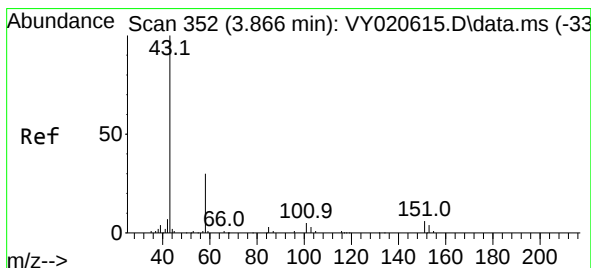
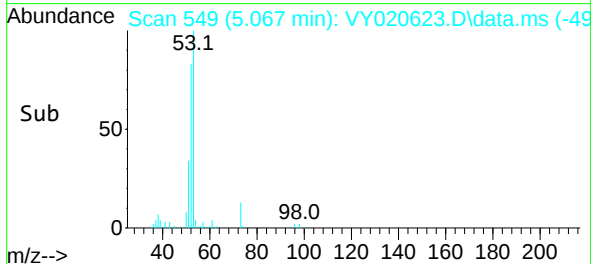
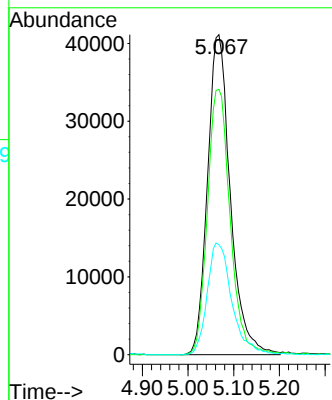


#15
Acrylonitrile
Concen: 260.505 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Instrument :
MSVOA_Y
ClientSampleId :
ICVY121824

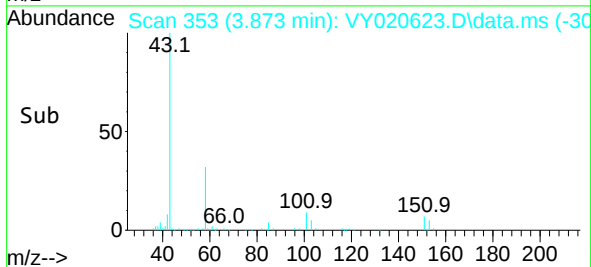
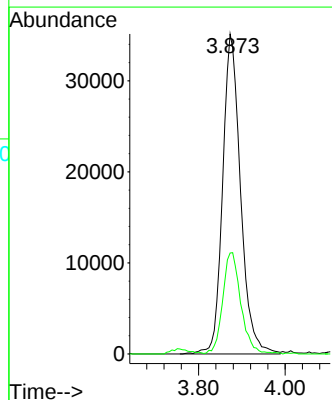
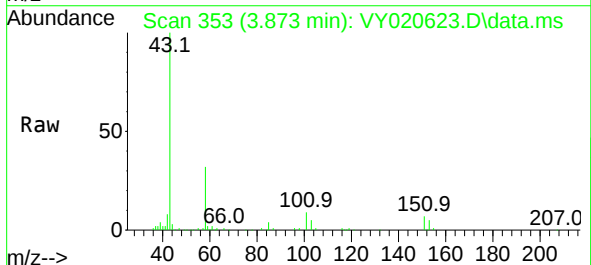


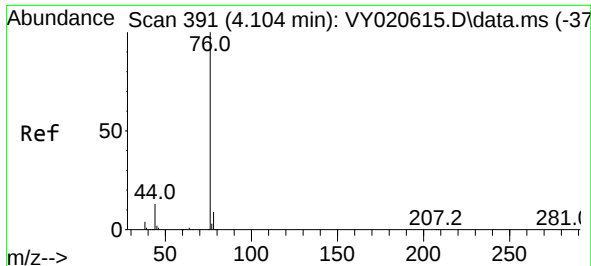
Tgt Ion: 53 Resp: 142723
Ion Ratio Lower Upper
53 100
52 82.5 64.5 96.7
51 37.7 29.4 44.0



#16
Acetone
Concen: 257.301 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 43 Resp: 101352
Ion Ratio Lower Upper
43 100
58 31.2 25.0 37.6

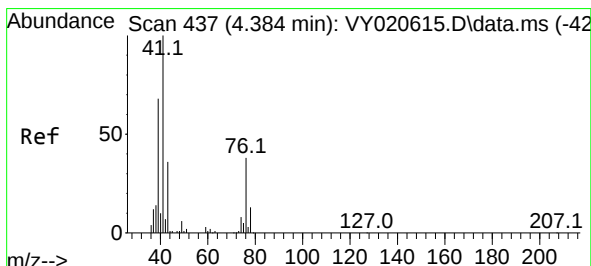
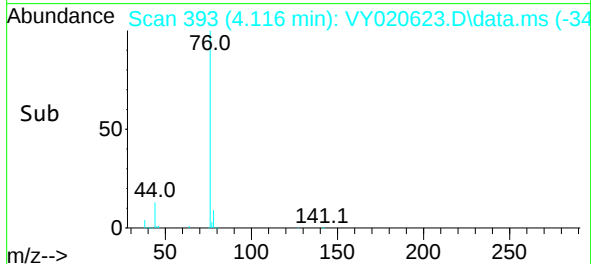
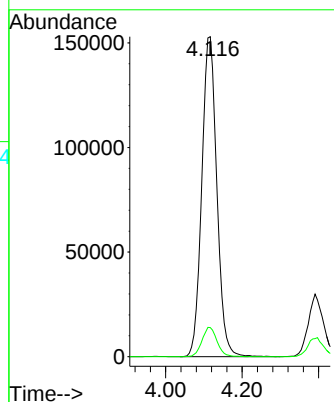
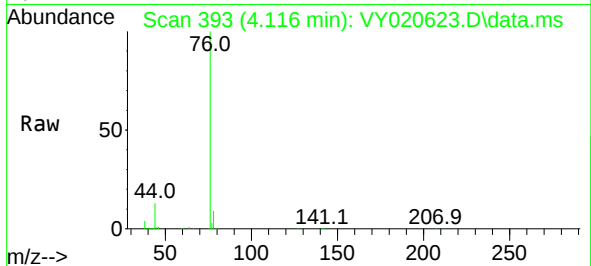




#17
Carbon Disulfide
Concen: 56.530 ug/l
RT: 4.116 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

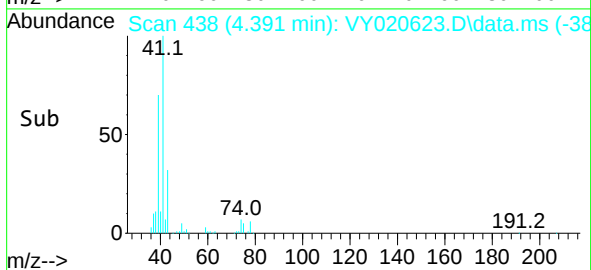
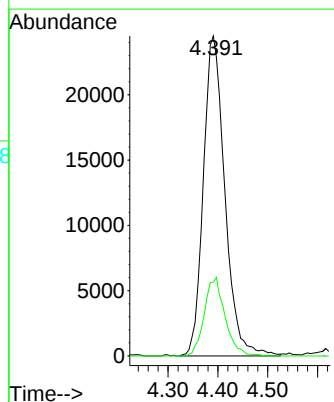
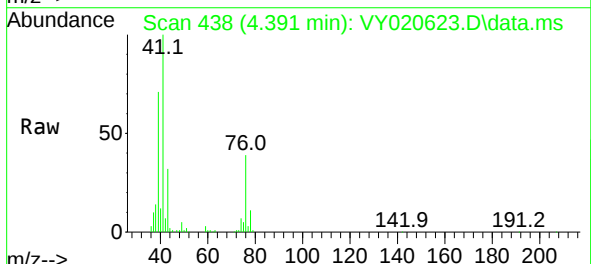
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

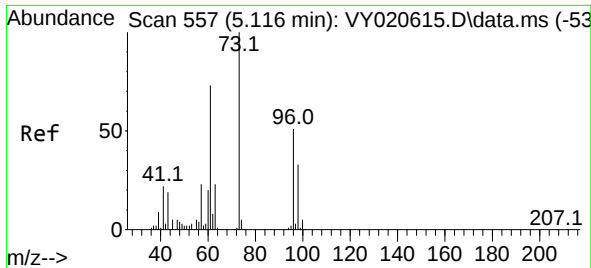
Tgt Ion: 76 Resp: 417887
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 54.377 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 43 Resp: 73409
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8

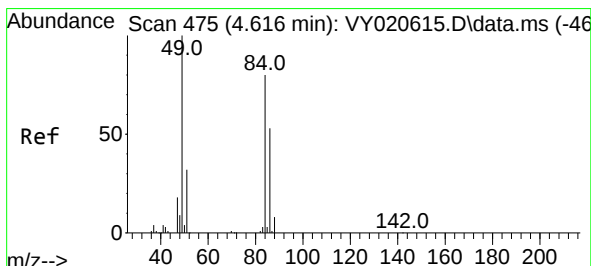
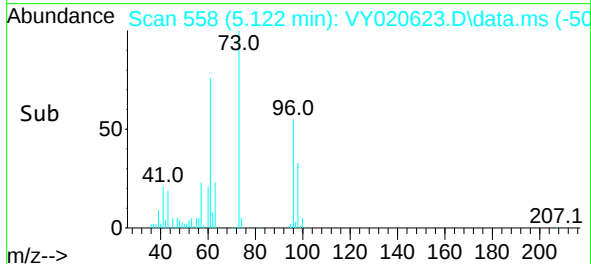
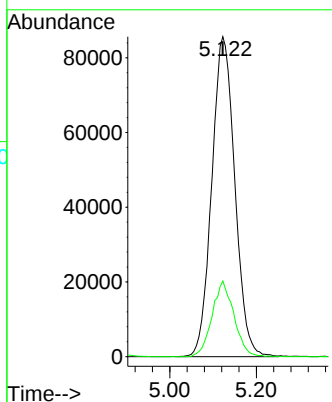
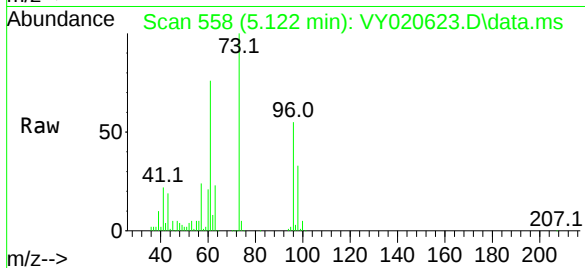




#19
Methyl tert-butyl Ether
Concen: 54.099 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

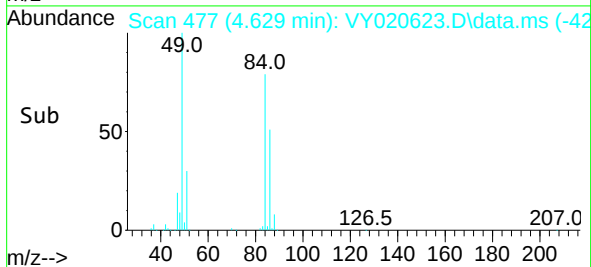
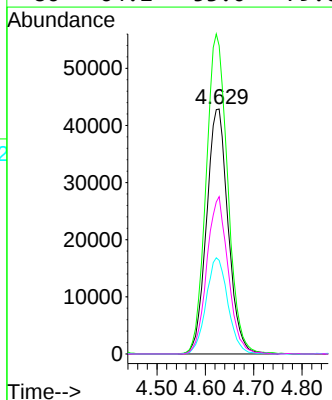
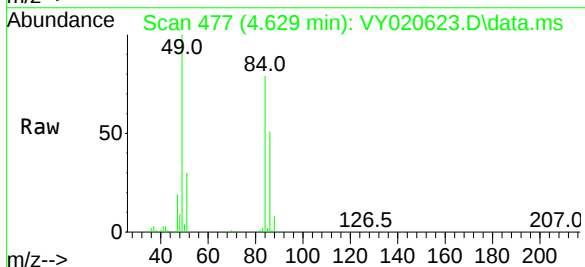
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

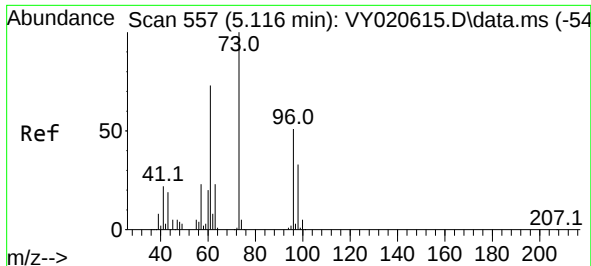
Tgt Ion: 73 Resp: 317105
Ion Ratio Lower Upper
73 100
57 23.6 18.5 27.7



#20
Methylene Chloride
Concen: 53.915 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 84 Resp: 133010
Ion Ratio Lower Upper
84 100
49 125.8 100.7 151.1
51 38.2 32.2 48.2
86 64.2 53.0 79.6

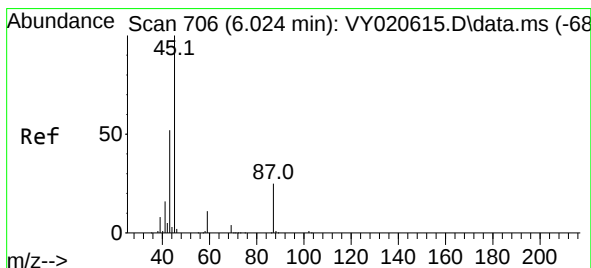
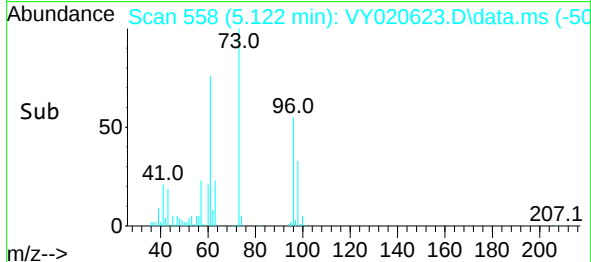
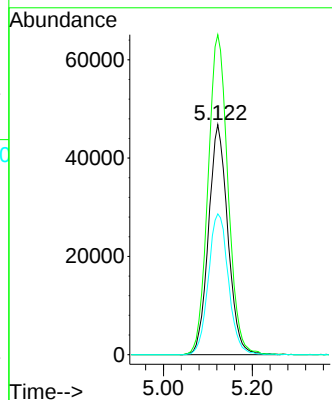
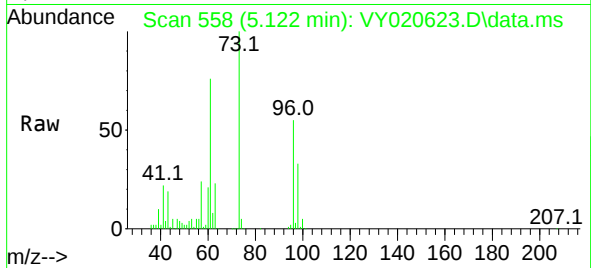




#21
trans-1,2-Dichloroethene
Concen: 55.450 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

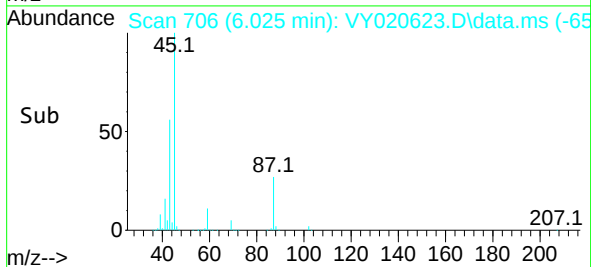
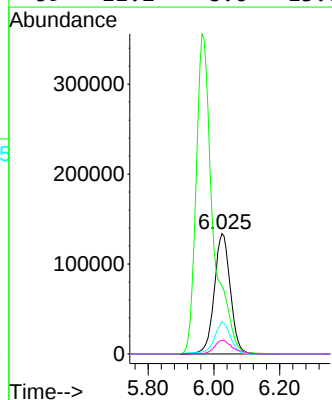
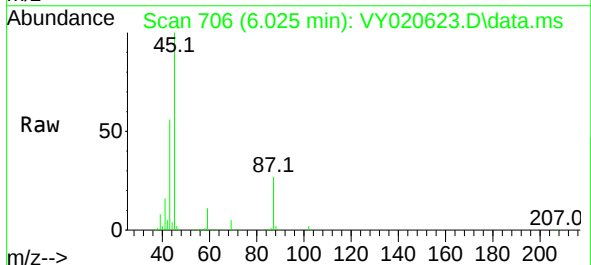
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

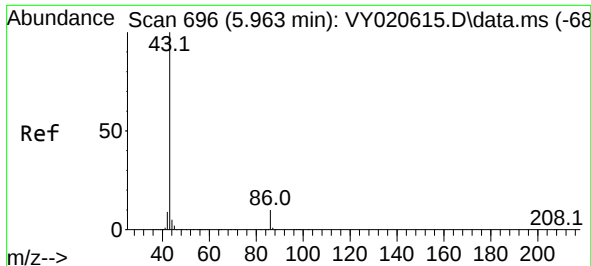
Tgt Ion: 96 Resp: 141258
Ion Ratio Lower Upper
96 100
61 139.1 113.7 170.5
98 61.2 51.7 77.5



#22
Diisopropyl ether
Concen: 56.015 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 45 Resp: 452462
Ion Ratio Lower Upper
45 100
43 56.3 42.6 64.0
87 26.9 20.6 31.0
59 11.2 8.6 13.0

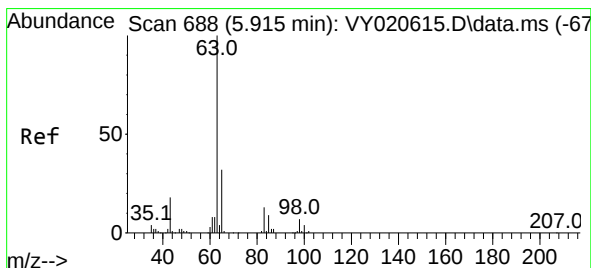
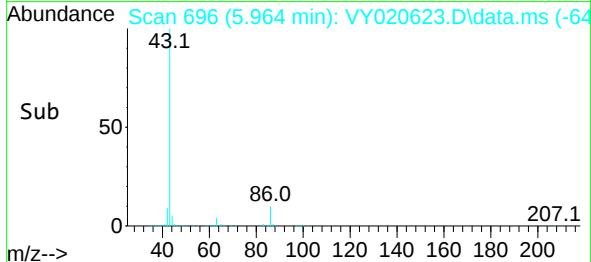
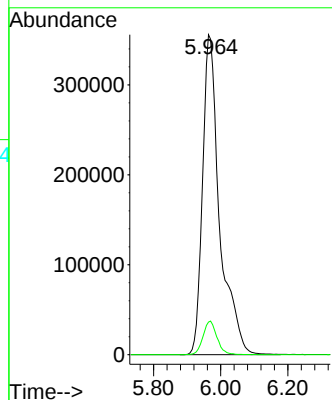
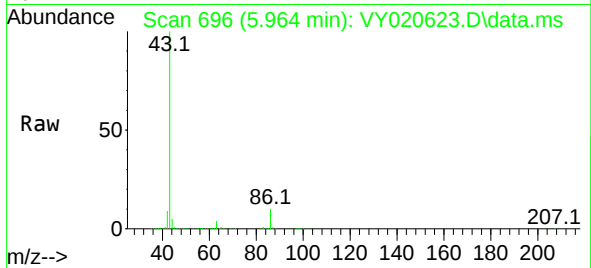




#23
 Vinyl Acetate
 Concen: 275.088 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020623.D
 Acq: 18 Dec 2024 09:43

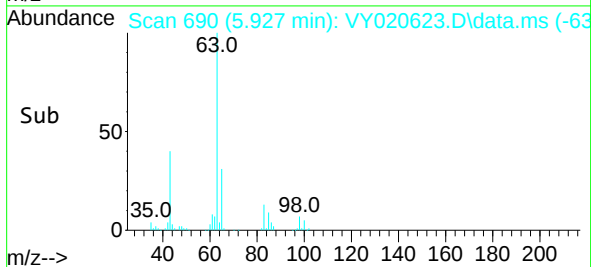
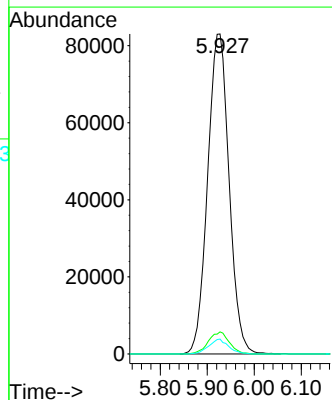
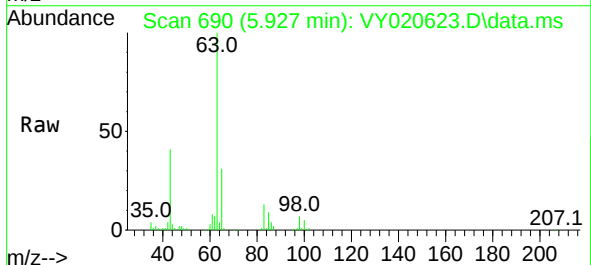
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121824

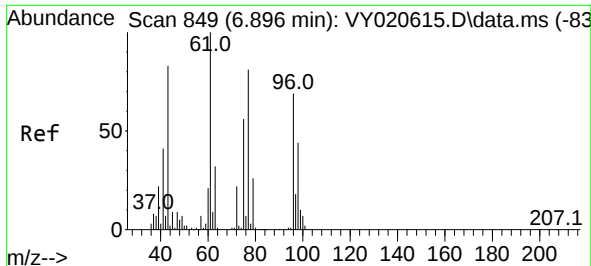
Tgt Ion: 43 Resp: 1258502
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 55.632 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY020623.D
 Acq: 18 Dec 2024 09:43

Tgt Ion: 63 Resp: 263259
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.6 2.1 6.5

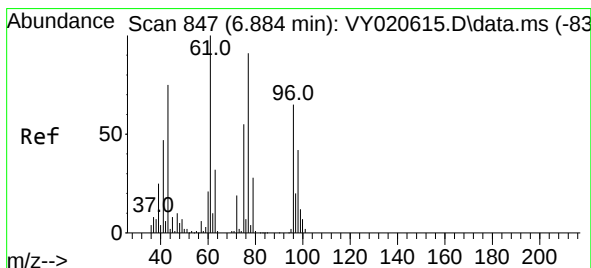
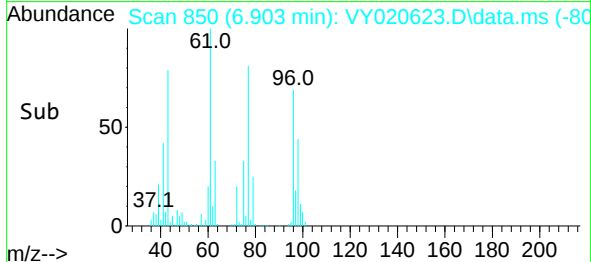
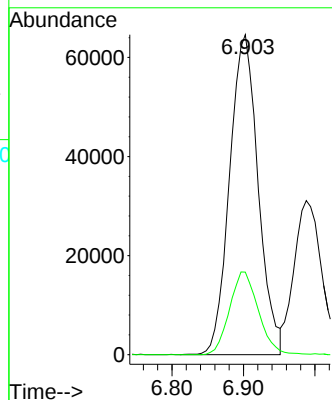
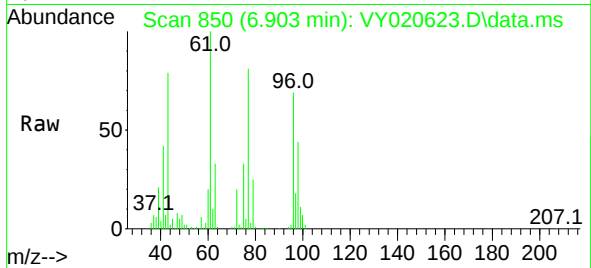




#25
2-Butanone
Concen: 243.530 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

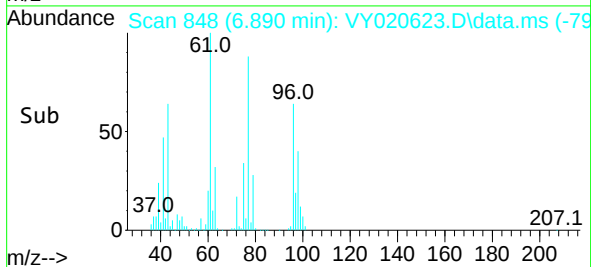
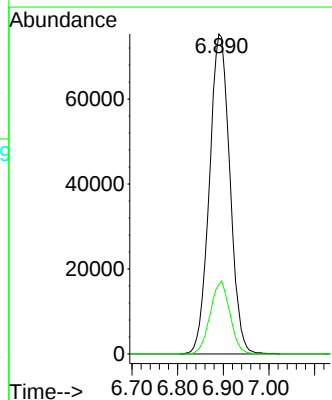
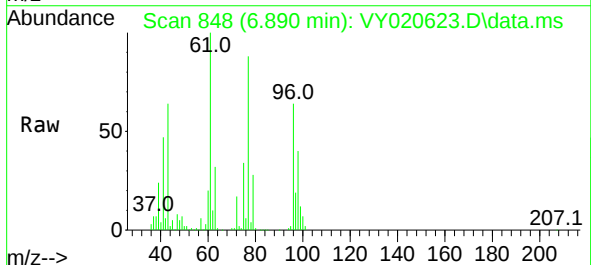
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121824

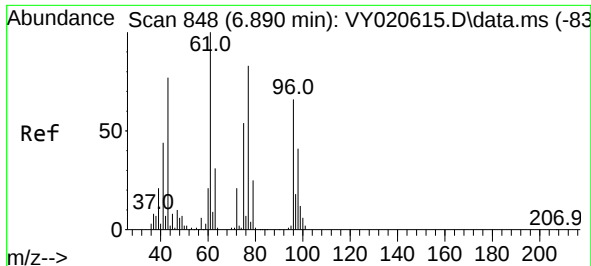
Tgt Ion: 43 Resp: 179579
Ion Ratio Lower Upper
43 100
72 25.8 20.6 31.0



#26
2,2-Dichloropropane
Concen: 52.354 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 77 Resp: 234203
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 55.354 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121824

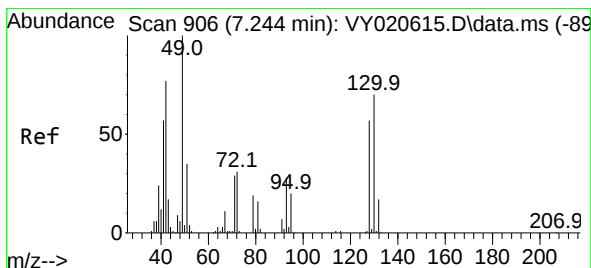
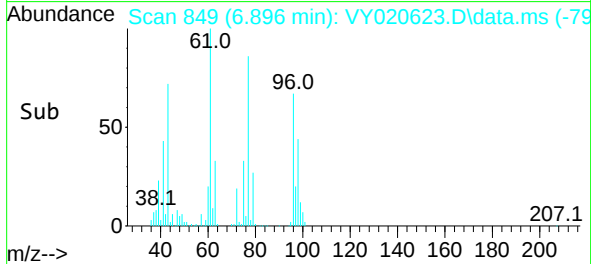
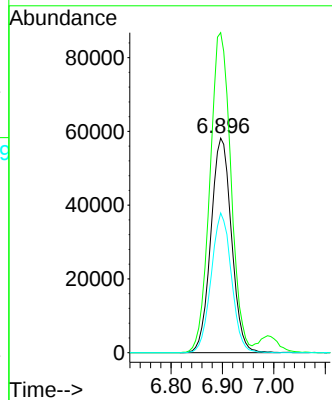
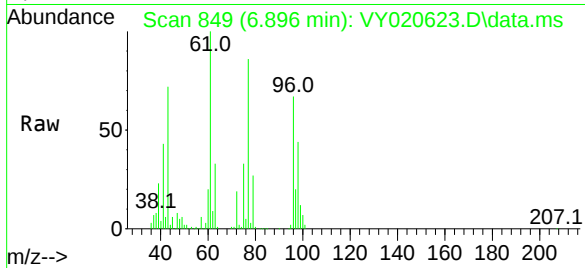
Tgt Ion: 96 Resp: 162240

Ion Ratio Lower Upper

96 100

61 152.0 0.0 306.2

98 63.8 0.0 127.2



#28

Bromochloromethane

Concen: 55.637 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

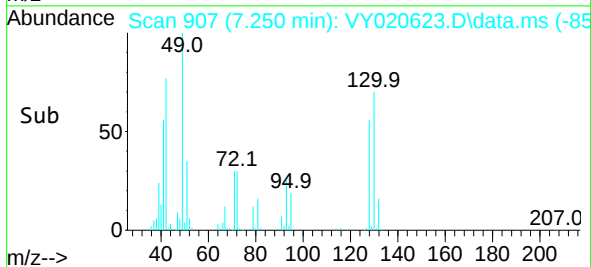
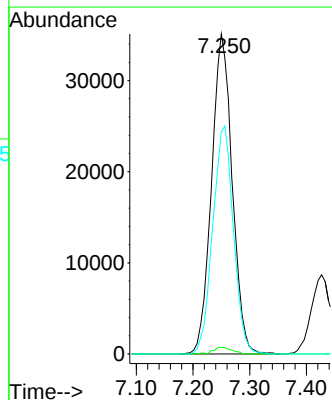
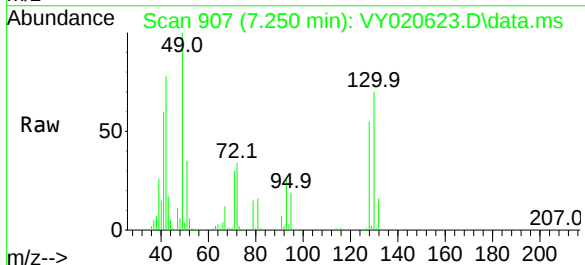
Tgt Ion: 49 Resp: 88805

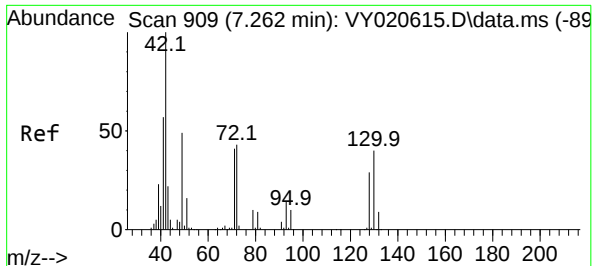
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 71.5 58.3 87.5

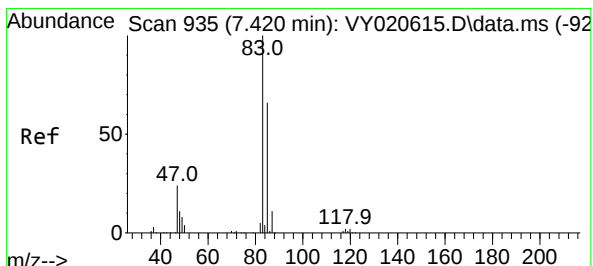
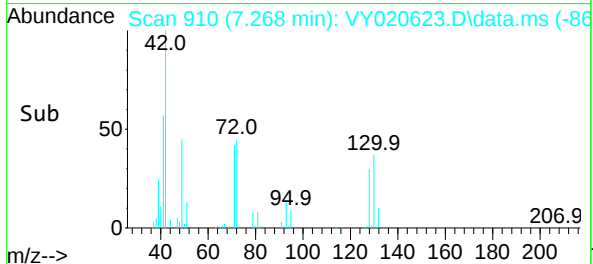
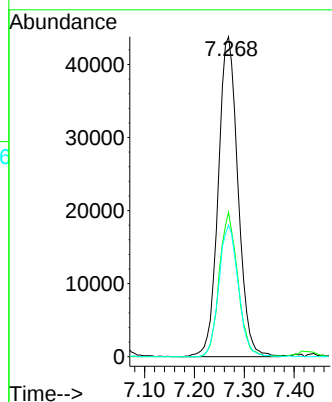
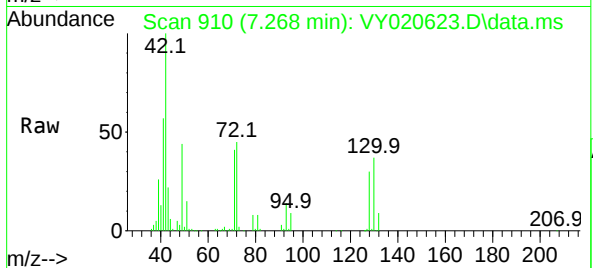




#29
Tetrahydrofuran
Concen: 259.058 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

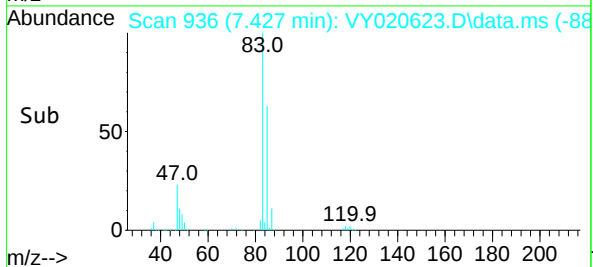
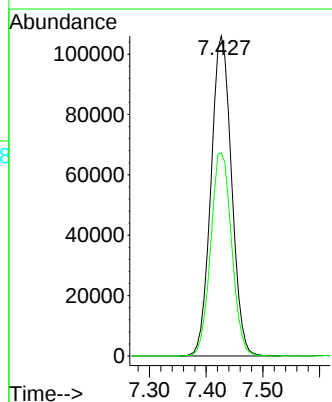
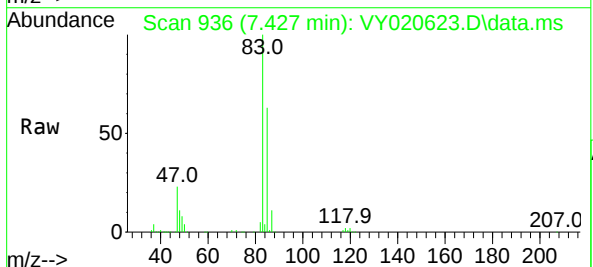
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

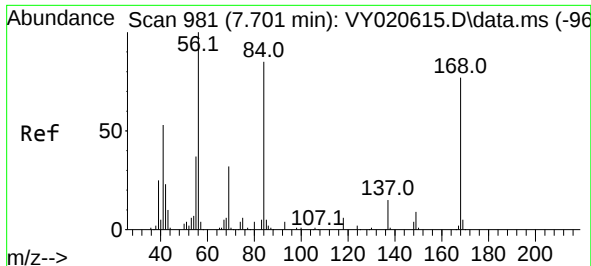
Tgt Ion: 42 Resp: 120593
Ion Ratio Lower Upper
42 100
72 42.2 34.0 51.0
71 40.4 31.6 47.4



#30
Chloroform
Concen: 56.991 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.007 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 83 Resp: 267283
Ion Ratio Lower Upper
83 100
85 63.5 52.7 79.1

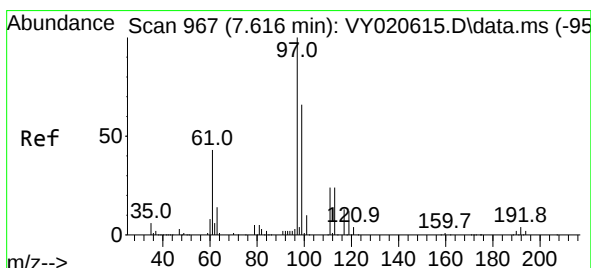
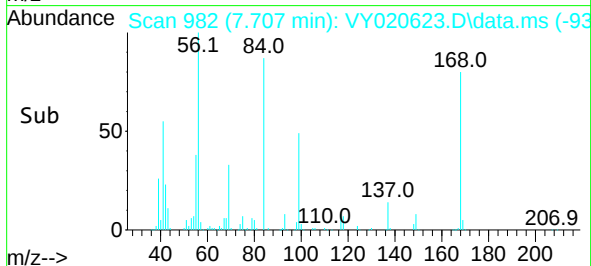
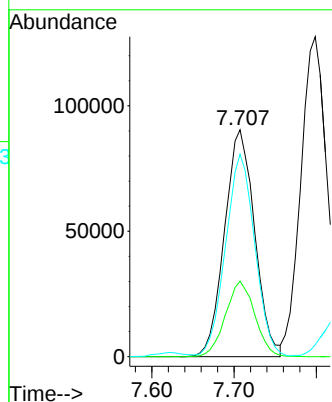
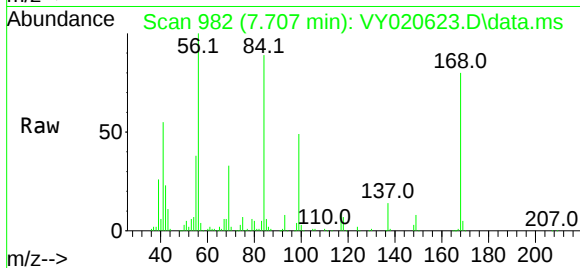




#31
Cyclohexane
Concen: 50.933 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

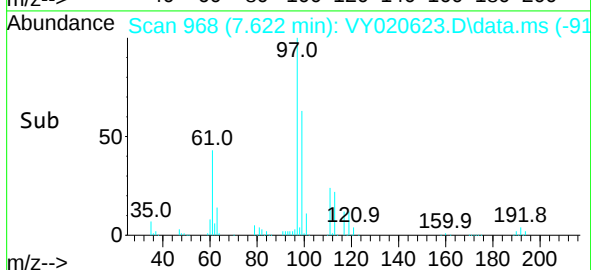
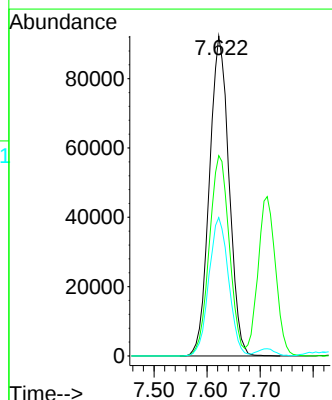
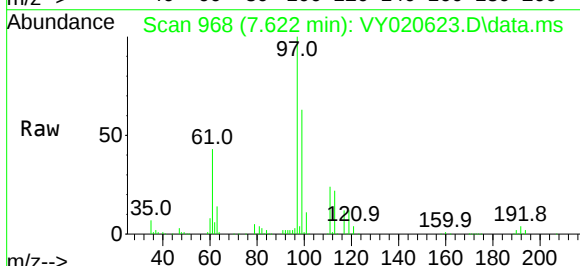
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121824

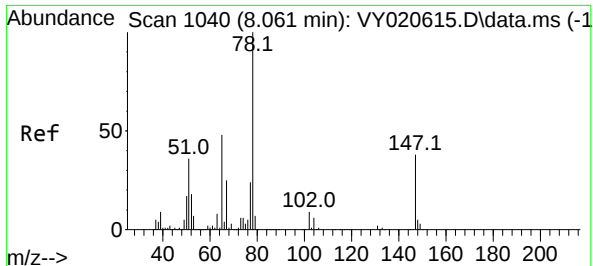
Tgt Ion: 56 Resp: 230457
Ion Ratio Lower Upper
56 100
69 33.3 25.4 38.0
84 87.9 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 54.484 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 97 Resp: 236866
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.890 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

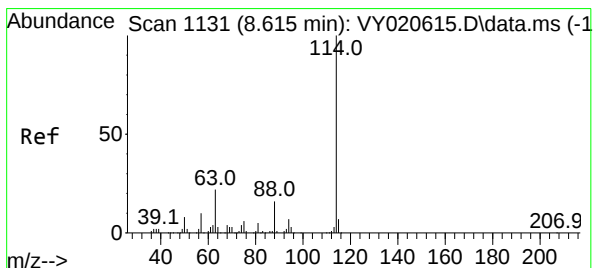
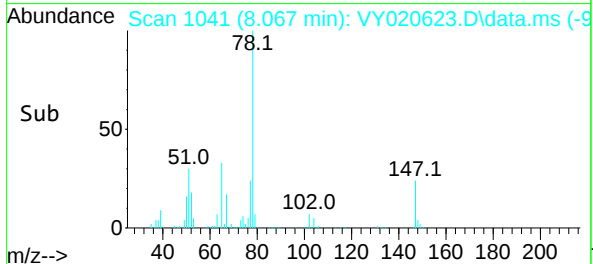
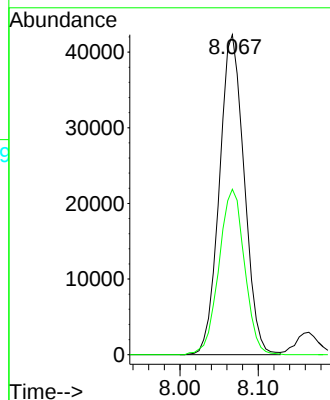
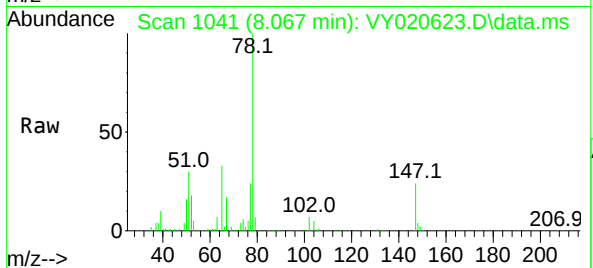
ICVY121824

Tgt Ion: 65 Resp: 93039

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

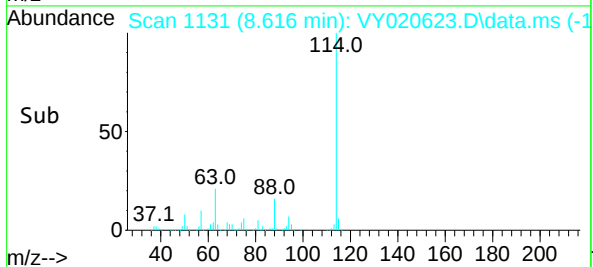
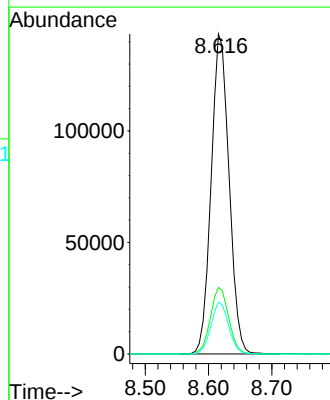
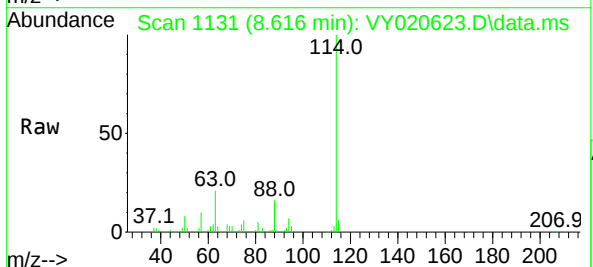
Tgt Ion: 114 Resp: 281800

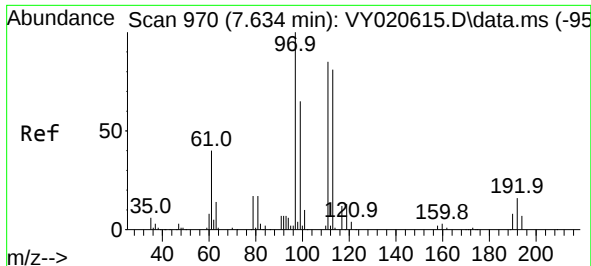
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.0

88 16.2 0.0 32.8

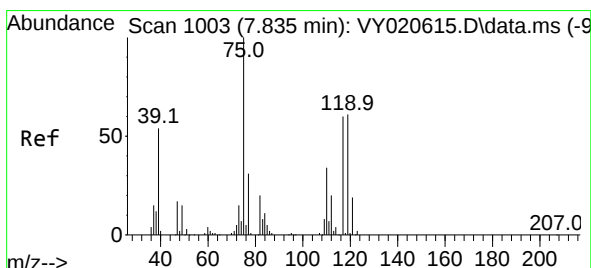
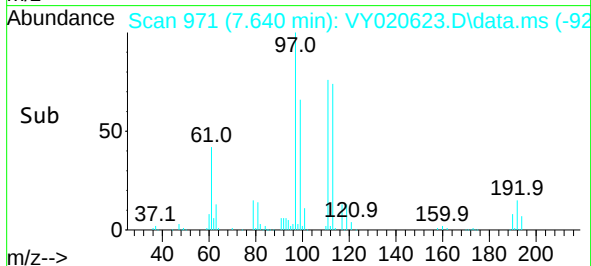
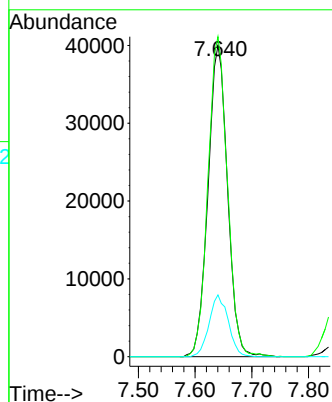
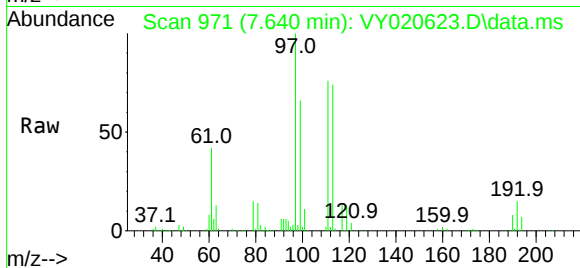




#35
Dibromofluoromethane
Concen: 48.152 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

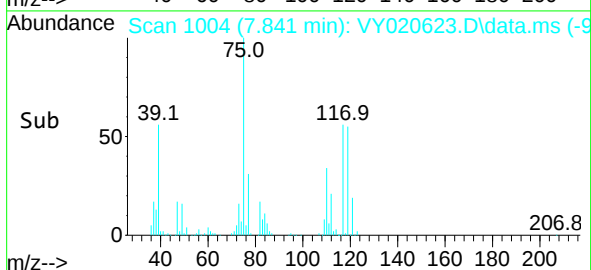
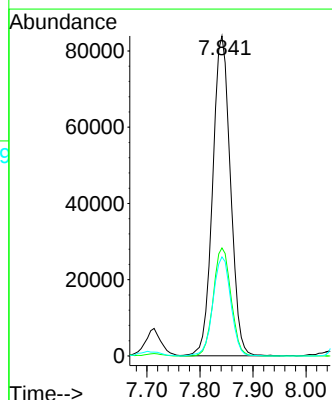
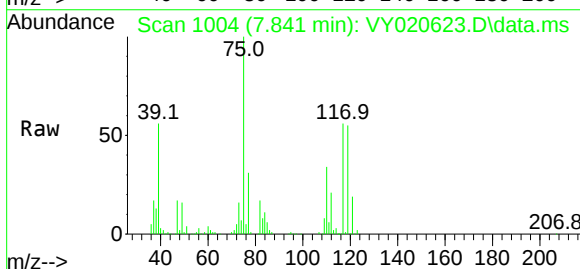
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

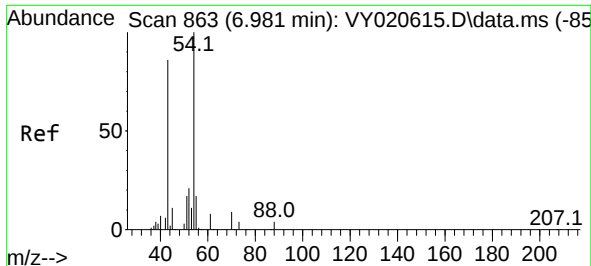
Tgt Ion:113 Resp: 95632
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 19.5 15.7 23.5



#36
1,1-Dichloropropene
Concen: 53.976 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 75 Resp: 195474
Ion Ratio Lower Upper
75 100
110 33.6 16.8 50.4
77 31.2 25.0 37.6

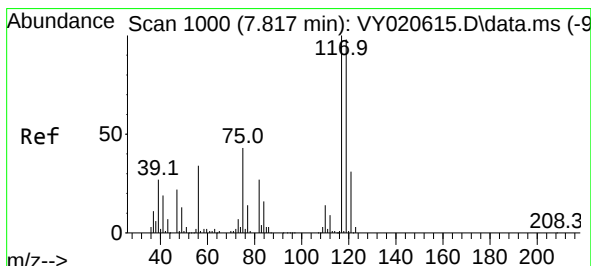
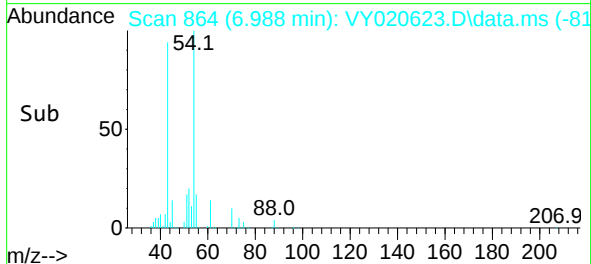
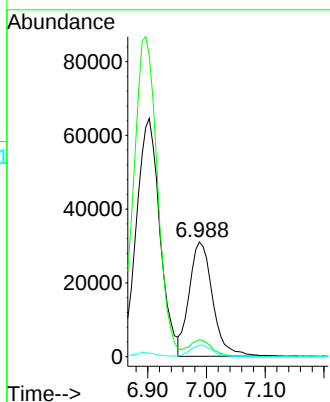
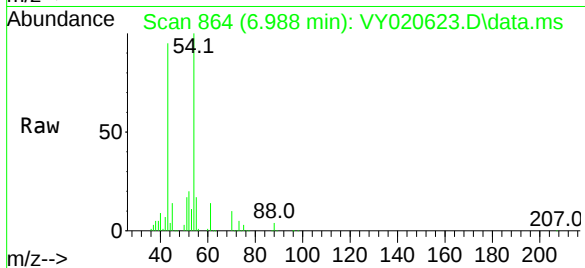




#37
Ethyl Acetate
Concen: 50.307 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

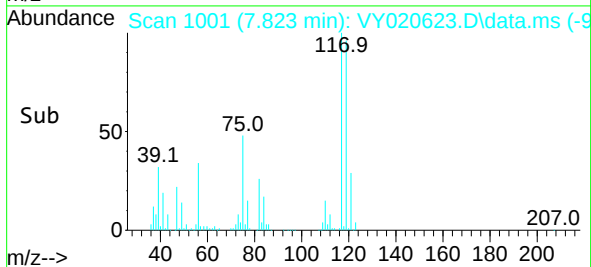
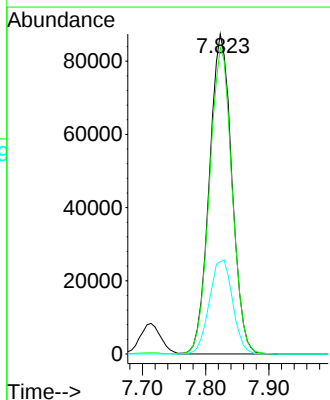
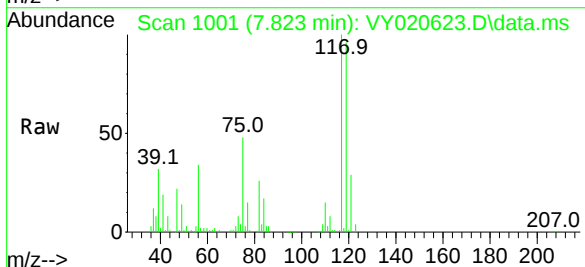
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121824

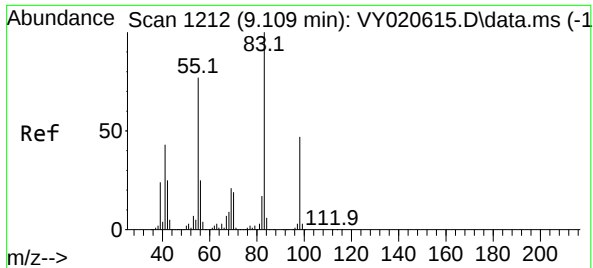
Tgt Ion: 43 Resp: 85696
Ion Ratio Lower Upper
43 100
61 14.7 11.0 16.4
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 53.714 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 117 Resp: 215219
Ion Ratio Lower Upper
117 100
119 95.8 78.3 117.5
121 28.9 25.1 37.7

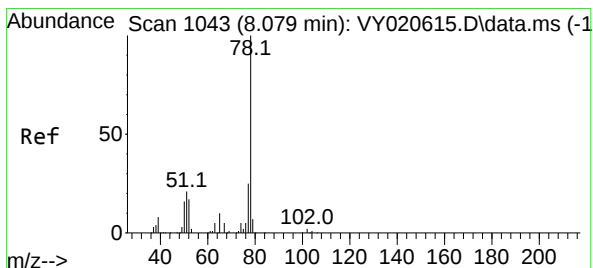
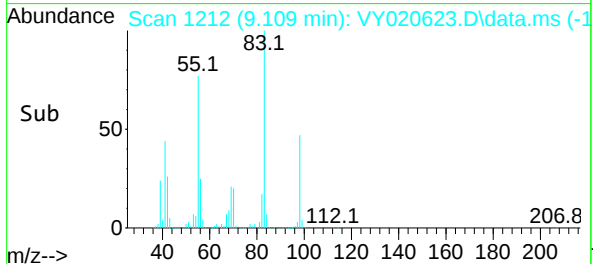
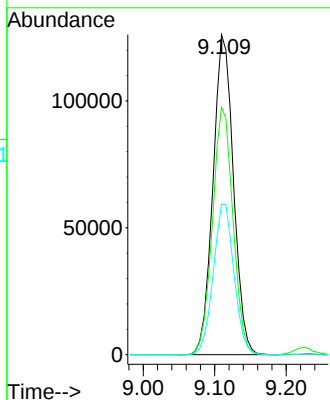
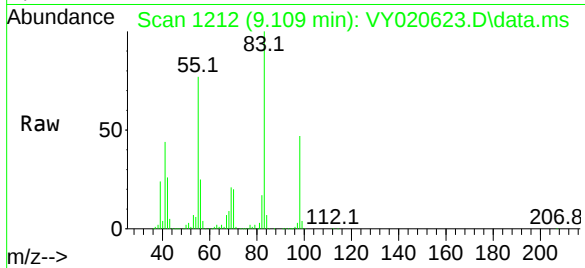




#39
Methylcyclohexane
Concen: 53.013 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

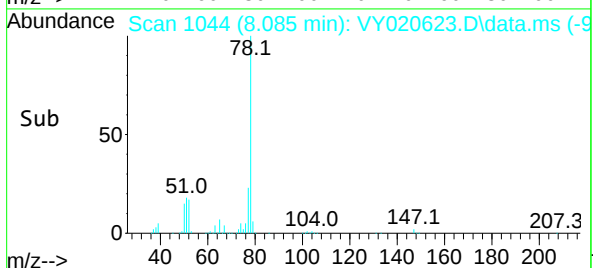
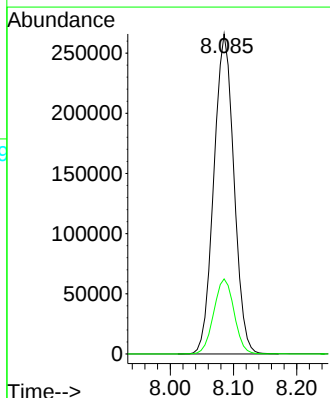
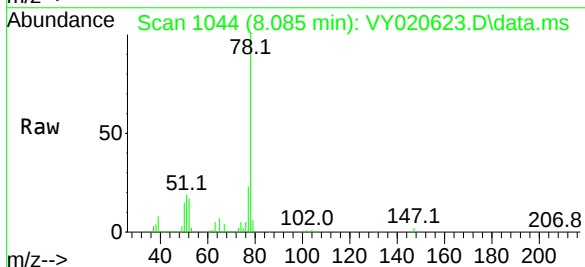
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

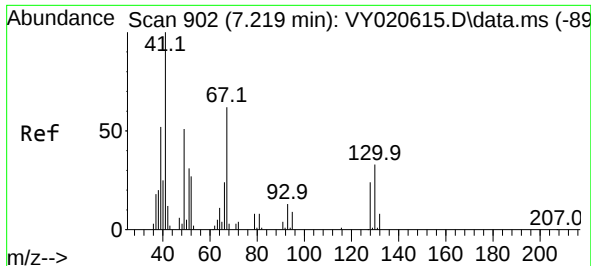
Tgt Ion: 83 Resp: 250222
Ion Ratio Lower Upper
83 100
55 77.3 61.4 92.0
98 47.1 37.3 55.9



#40
Benzene
Concen: 55.083 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 78 Resp: 584718
Ion Ratio Lower Upper
78 100
77 23.4 20.1 30.1

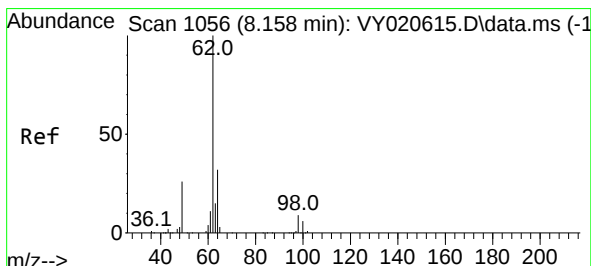
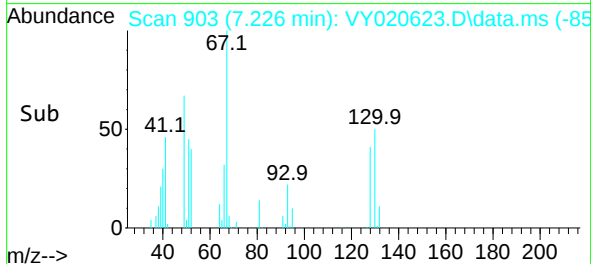
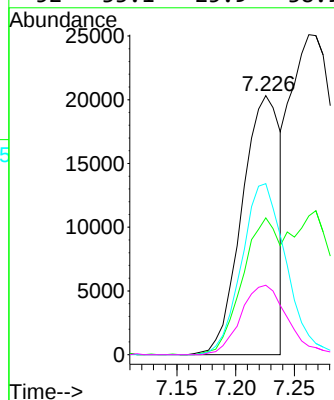
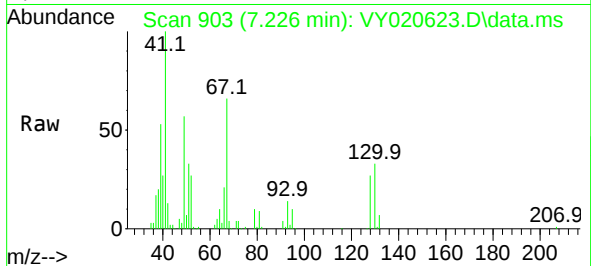




#41
Methacrylonitrile
Concen: 50.678 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

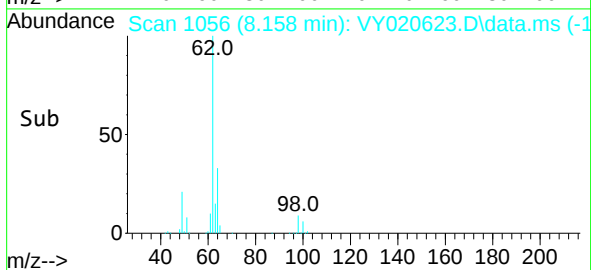
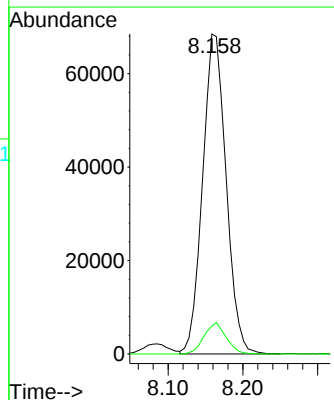
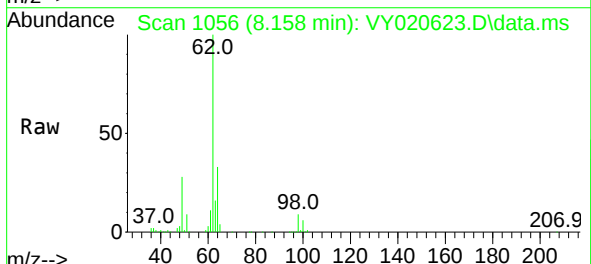
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121824

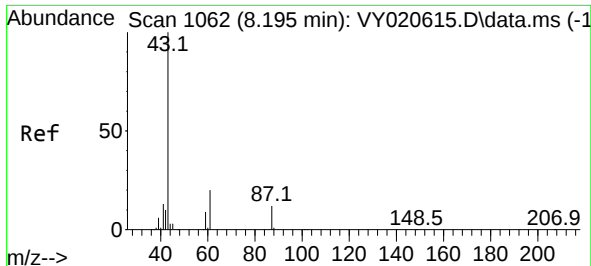
Tgt Ion: 41 Resp: 45639
Ion Ratio Lower Upper
41 100
39 51.3 53.6 80.4#
67 77.6 62.0 93.0
52 33.1 25.9 38.9



#42
1,2-Dichloroethane
Concen: 53.147 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 62 Resp: 149628
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0

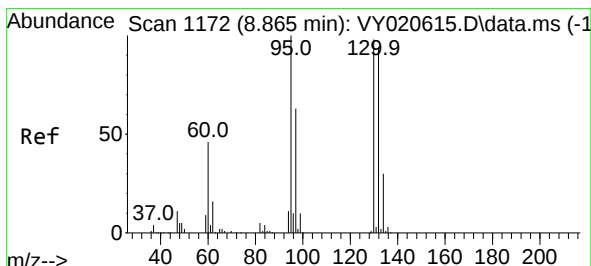
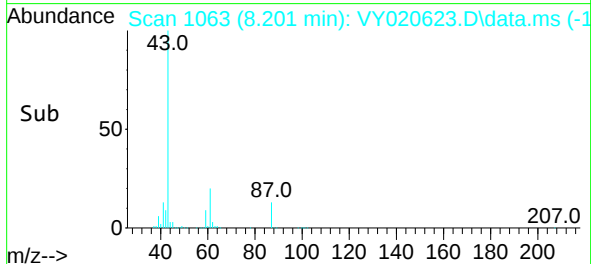
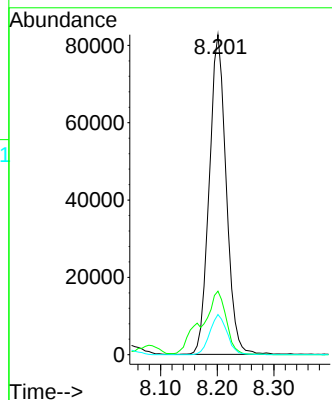
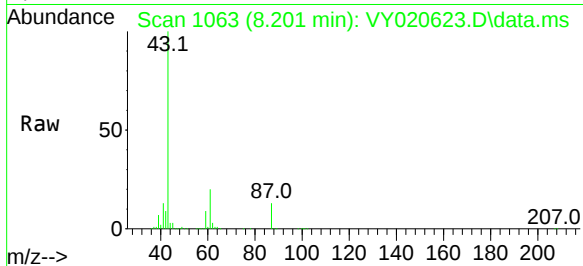




#43
Isopropyl Acetate
Concen: 52.984 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

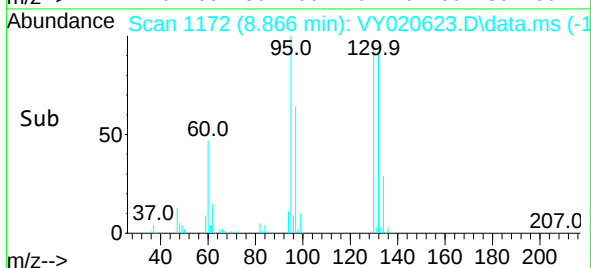
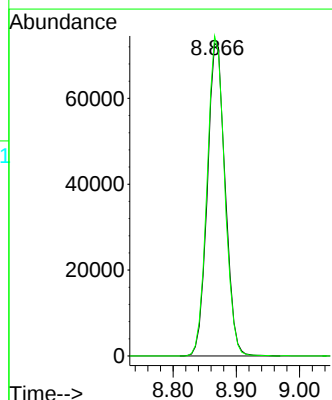
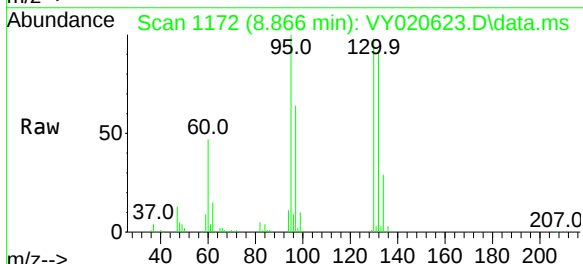
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121824

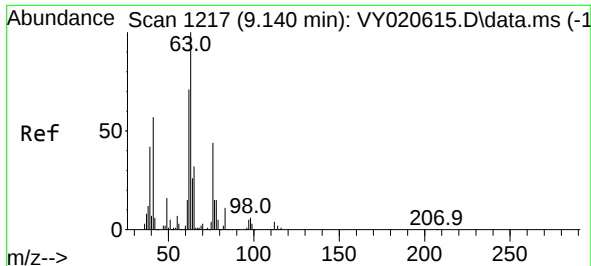
Tgt Ion: 43 Resp: 170873
Ion Ratio Lower Upper
43 100
61 29.4 23.8 35.6
87 12.8 10.2 15.4



#44
Trichloroethene
Concen: 54.743 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion:130 Resp: 142790
Ion Ratio Lower Upper
130 100
95 102.4 0.0 203.2





#45

1,2-Dichloropropane

Concen: 54.411 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

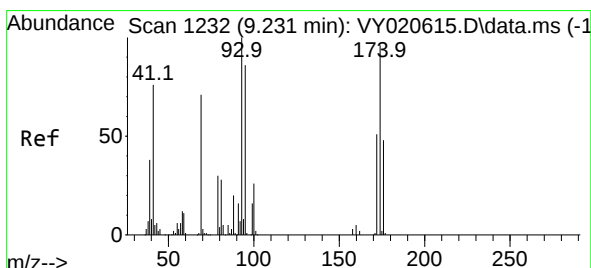
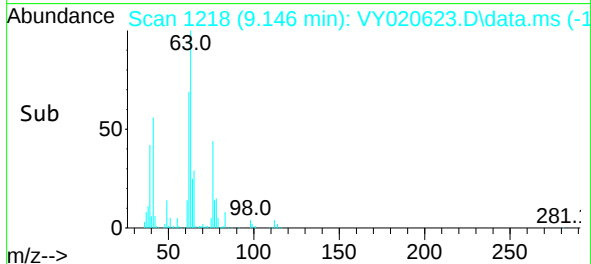
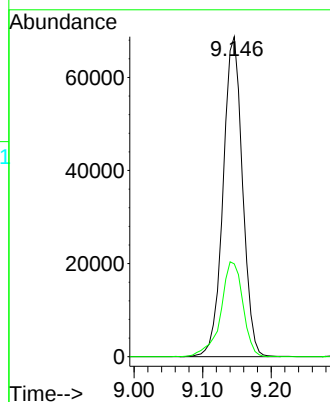
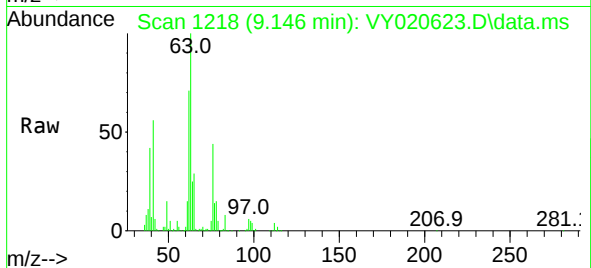
ICVVY121824

Tgt Ion: 63 Resp: 134987

Ion Ratio Lower Upper

63 100

65 29.0 25.9 38.9



#46

Dibromomethane

Concen: 53.233 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

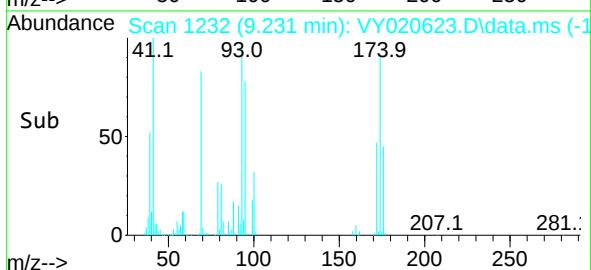
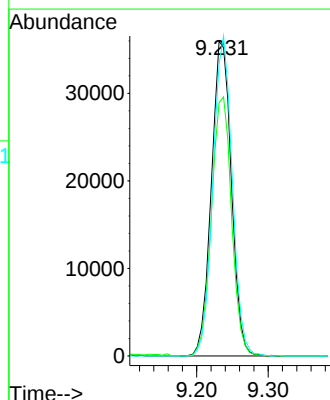
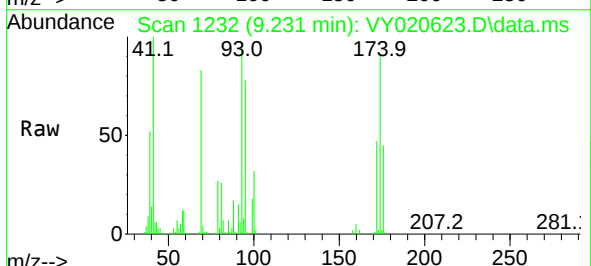
Tgt Ion: 93 Resp: 69796

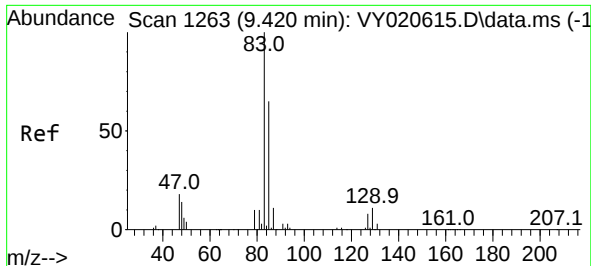
Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

174 98.1 77.8 116.6

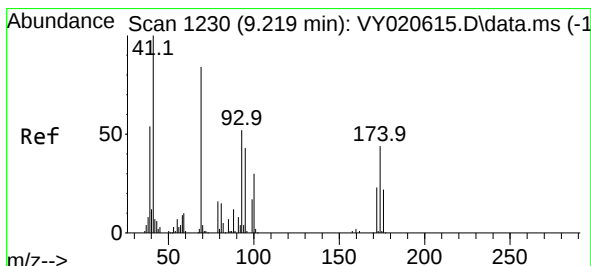
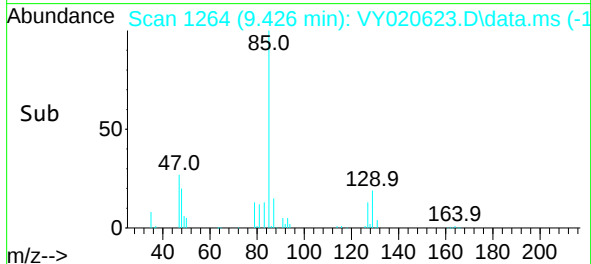
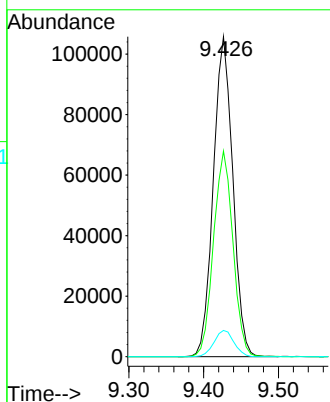
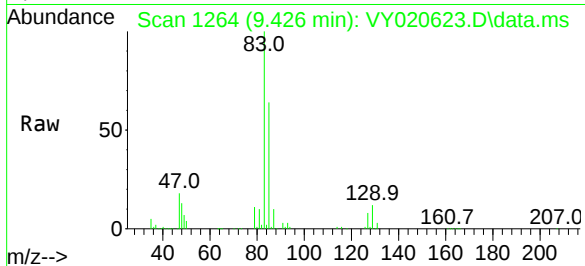




#47
Bromodichloromethane
Concen: 54.141 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

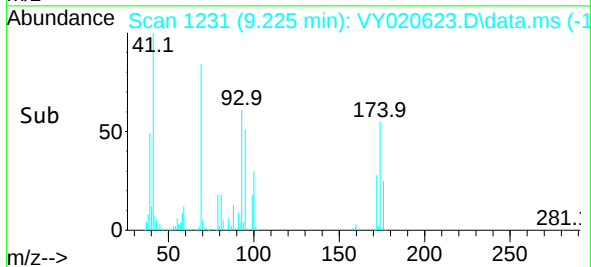
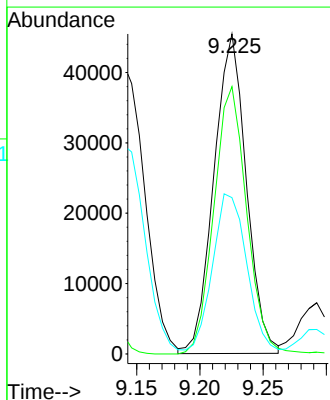
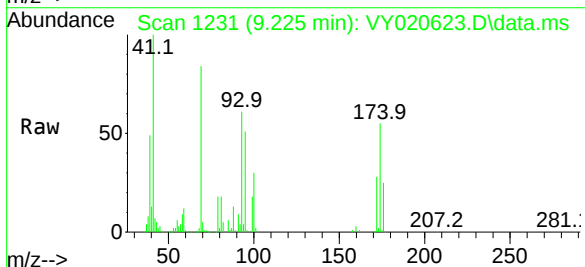
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121824

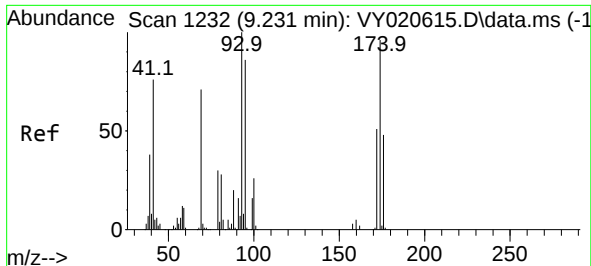
Tgt Ion: 83 Resp: 191747
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1
127 8.2 6.7 10.1



#48
Methyl methacrylate
Concen: 52.797 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 41 Resp: 80945
Ion Ratio Lower Upper
41 100
69 84.9 67.2 100.8
39 50.9 42.2 63.4





#49

1,4-Dioxane

Concen: 1032.238 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121824

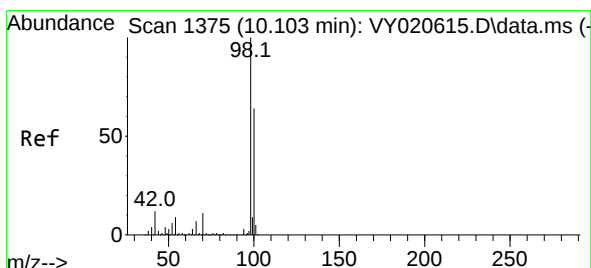
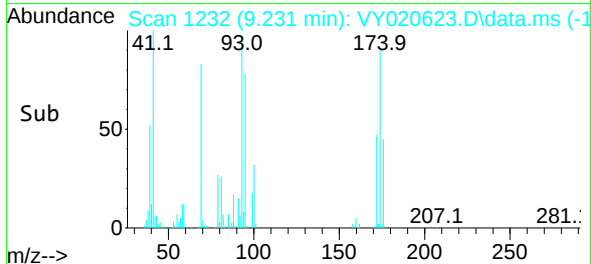
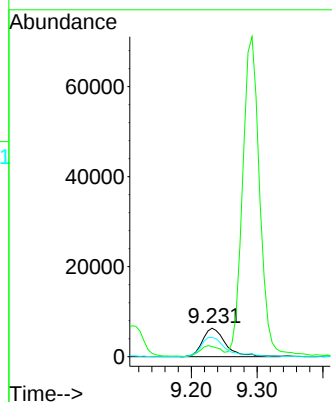
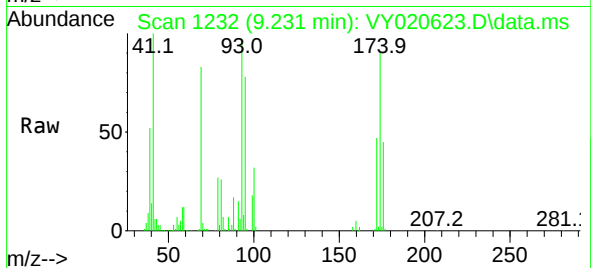
Tgt Ion: 88 Resp: 15521

Ion Ratio Lower Upper

88 100

43 31.8 27.6 41.4

58 73.5 61.7 92.5



#50

Toluene-d8

Concen: 48.457 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY020623.D

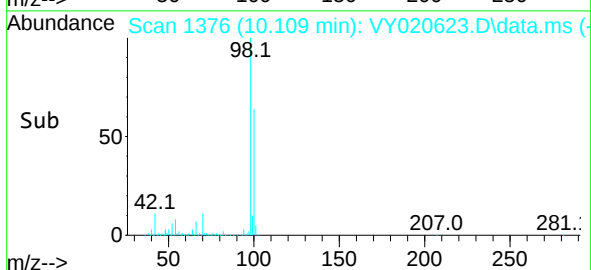
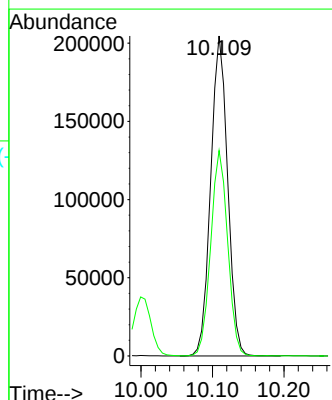
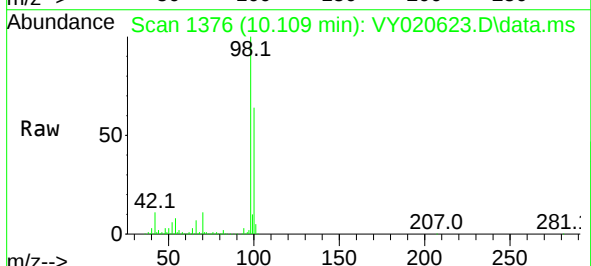
Acq: 18 Dec 2024 09:43

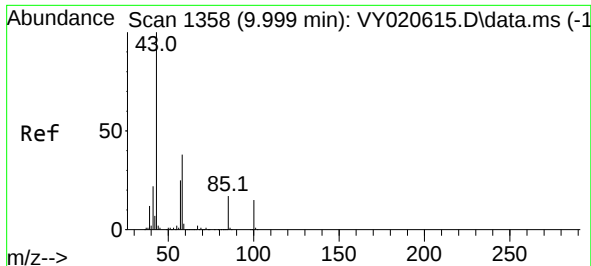
Tgt Ion: 98 Resp: 336852

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 255.497 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

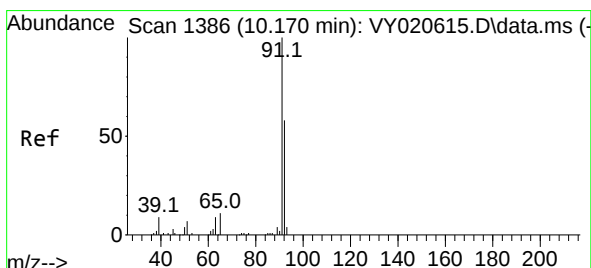
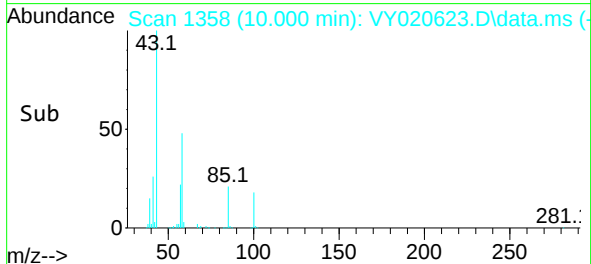
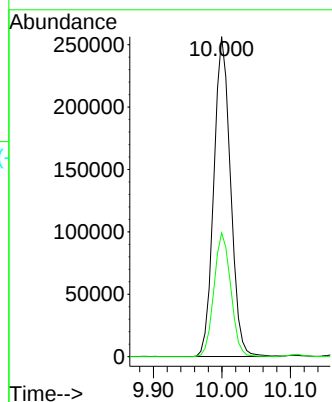
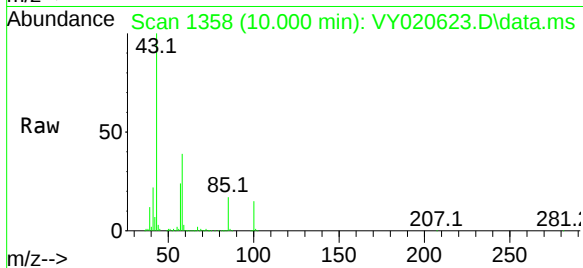
ICVY121824

Tgt Ion: 43 Resp: 434924

Ion Ratio Lower Upper

43 100

58 38.9 31.4 47.2



#52

Toluene

Concen: 54.590 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020623.D

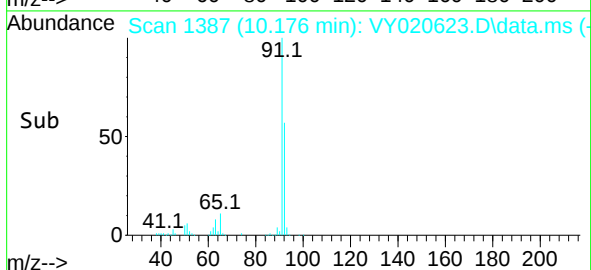
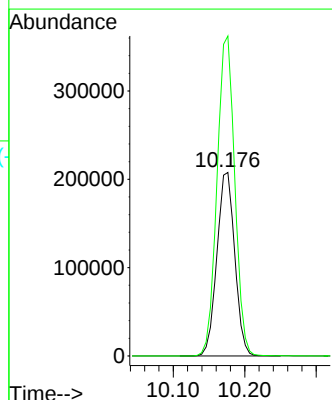
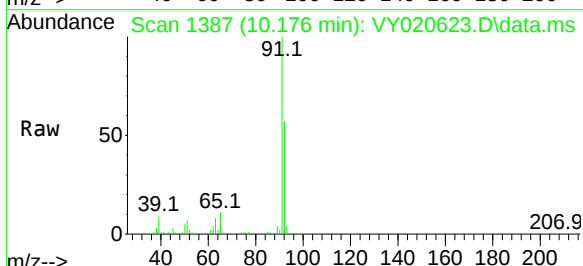
Acq: 18 Dec 2024 09:43

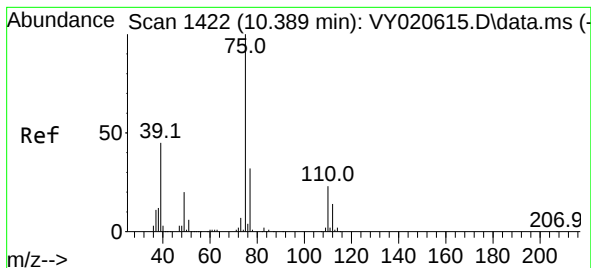
Tgt Ion: 92 Resp: 360124

Ion Ratio Lower Upper

92 100

91 173.3 137.4 206.0

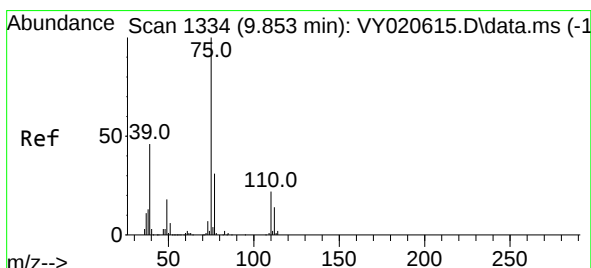
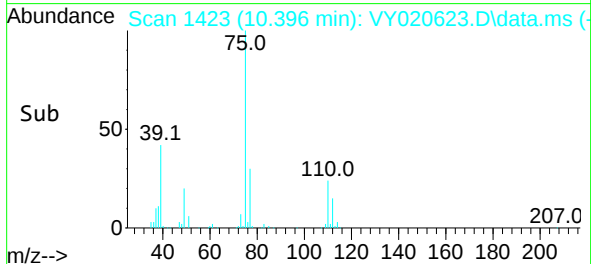
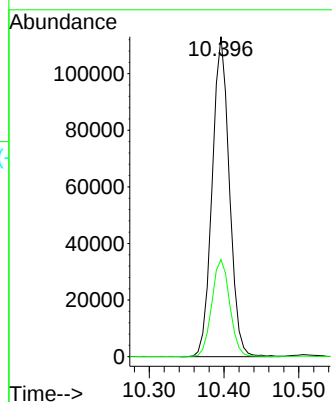
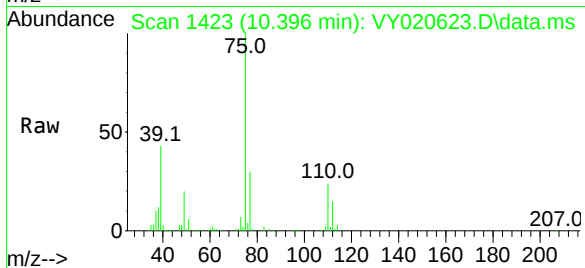




#53
 t-1,3-Dichloropropene
 Concen: 54.904 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY020623.D
 Acq: 18 Dec 2024 09:43

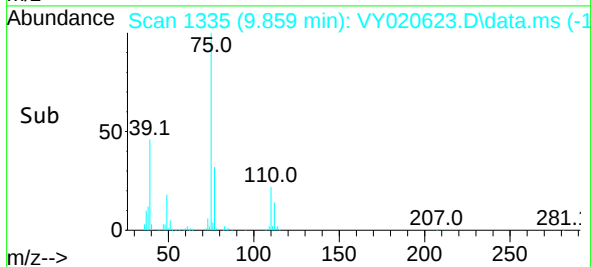
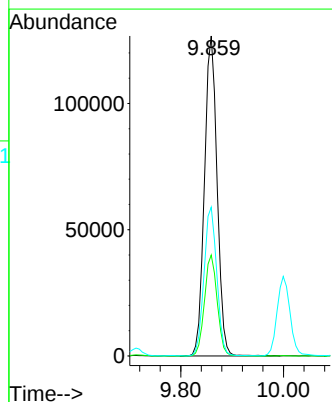
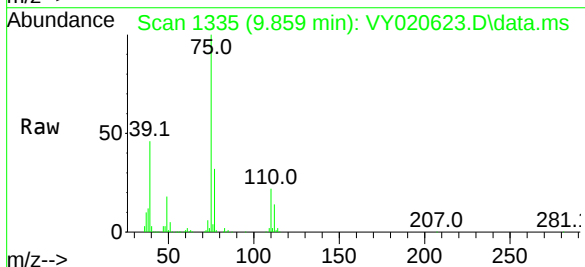
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121824

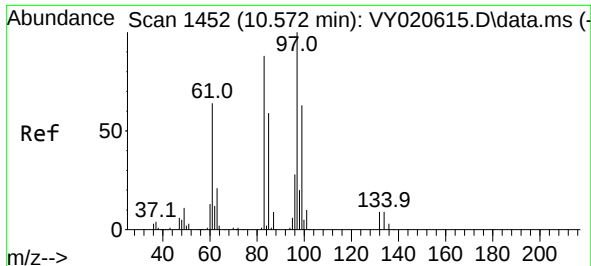
Tgt Ion: 75 Resp: 181188
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 55.329 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY020623.D
 Acq: 18 Dec 2024 09:43

Tgt Ion: 75 Resp: 216369
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8
 39 46.4 36.4 54.6

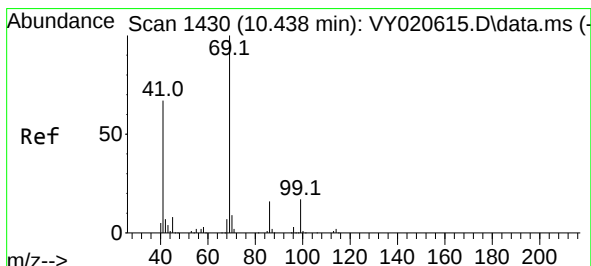
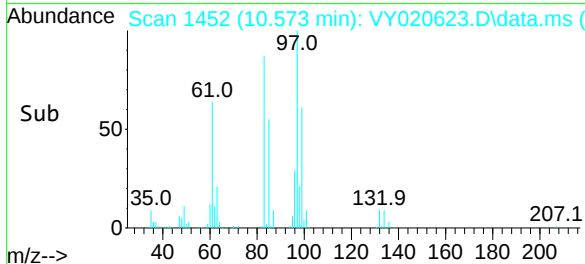
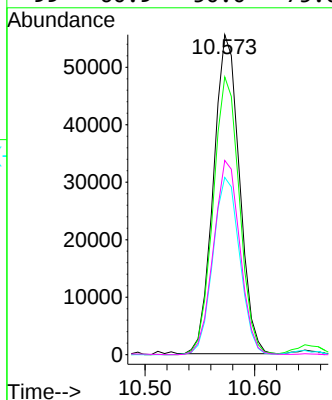
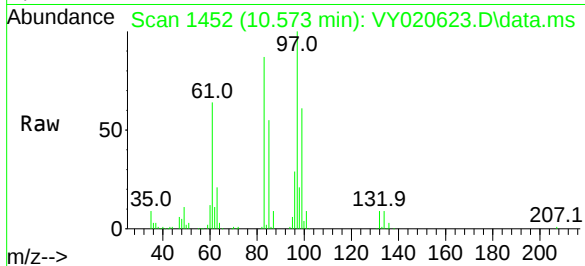




#55
1,1,2-Trichloroethane
Concen: 52.705 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

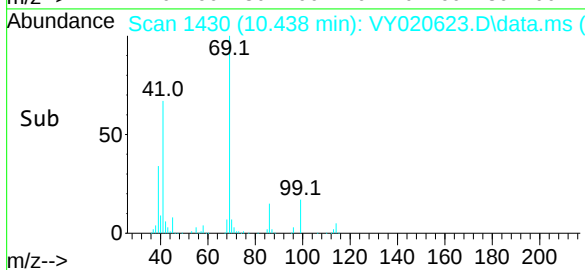
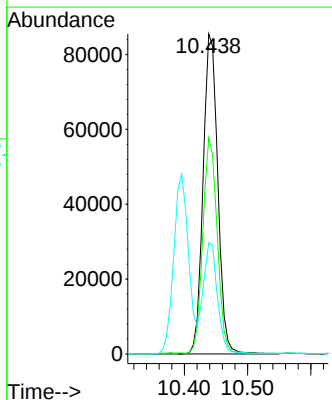
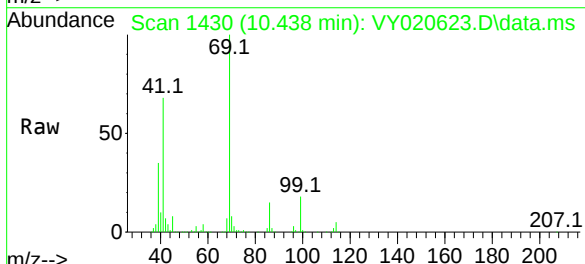
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

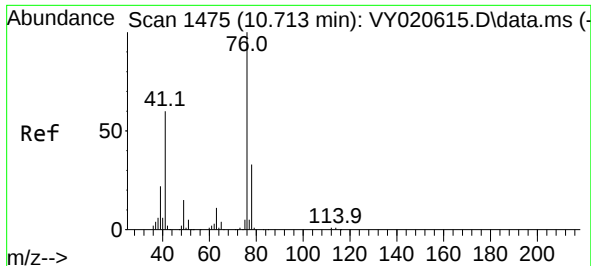
Tgt Ion:	97	Resp:	91364
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.4	105.6
85	55.5	47.2	70.8
99	60.9	50.0	75.0



#56
Ethyl methacrylate
Concen: 55.009 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion:	69	Resp:	138340
Ion	Ratio	Lower	Upper
69	100		
41	66.0	54.0	81.0
39	33.5	27.9	41.9





#57

1,3-Dichloropropane

Concen: 53.466 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

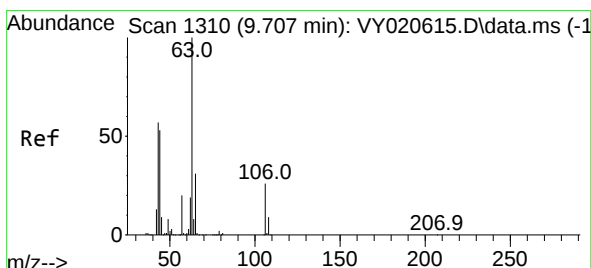
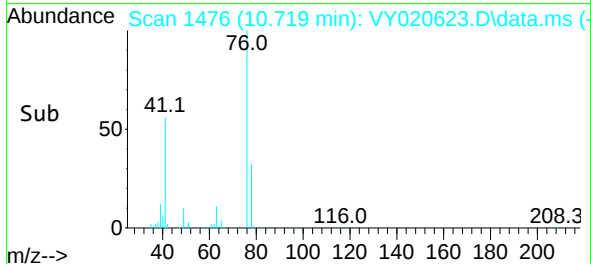
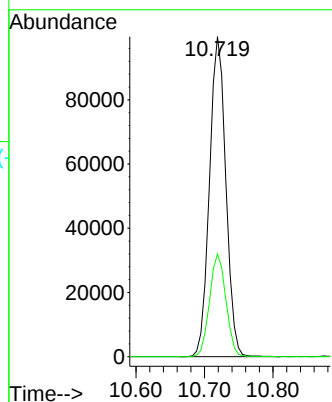
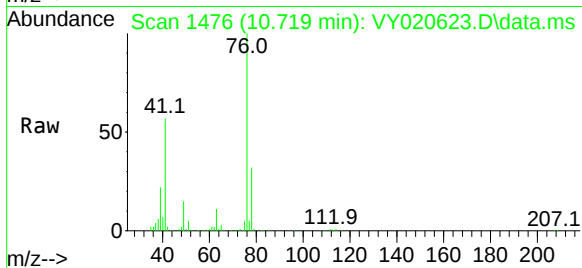
ICVY121824

Tgt Ion: 76 Resp: 165219

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 232.929 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY020623.D

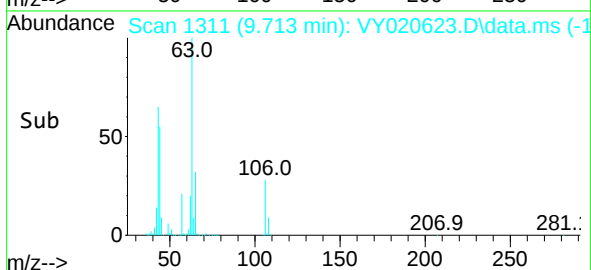
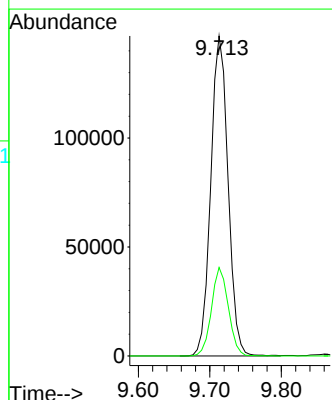
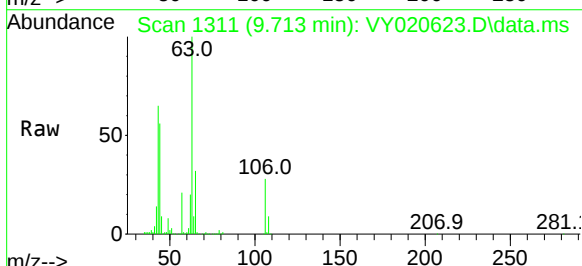
Acq: 18 Dec 2024 09:43

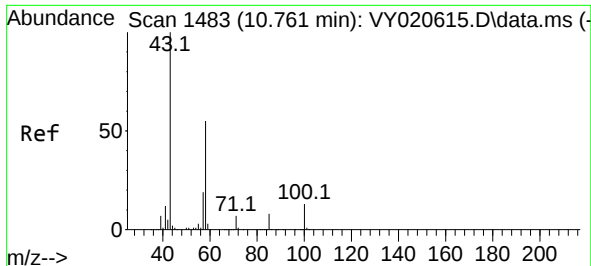
Tgt Ion: 63 Resp: 246475

Ion Ratio Lower Upper

63 100

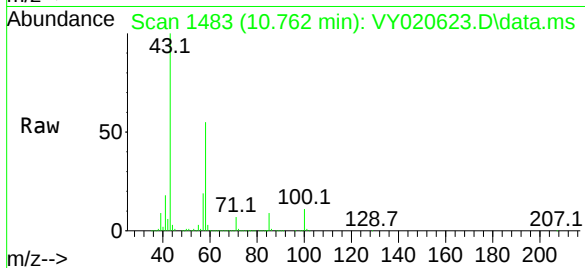
106 27.0 21.5 32.3



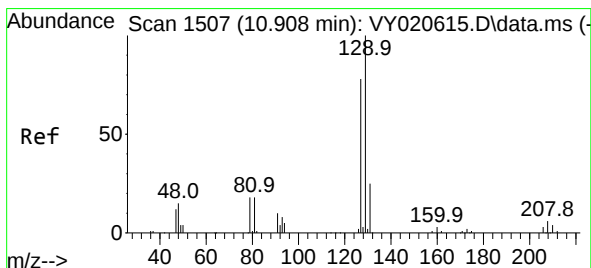
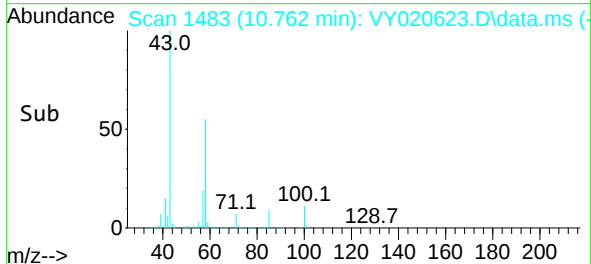
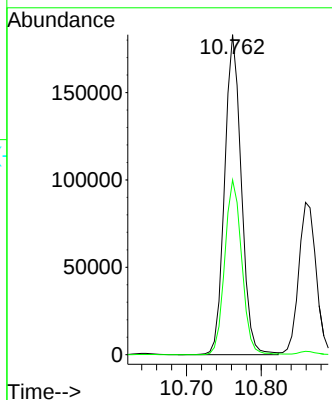


#59
2-Hexanone
Concen: 260.158 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

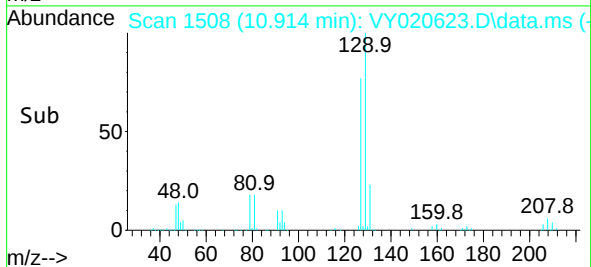
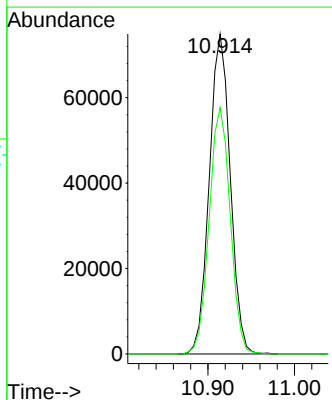
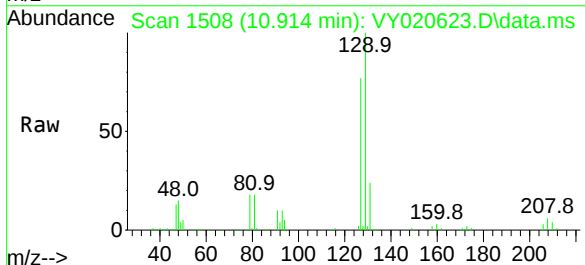


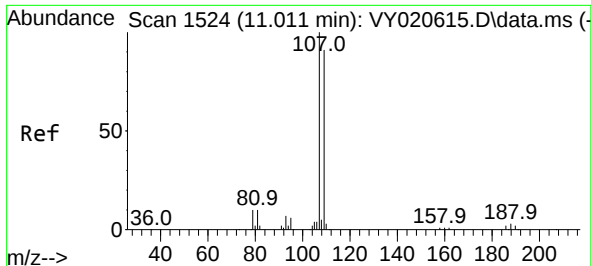
Tgt Ion: 43 Resp: 284335
Ion Ratio Lower Upper
43 100
58 55.5 27.2 81.6



#60
Dibromochloromethane
Concen: 54.359 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion:129 Resp: 126021
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.3

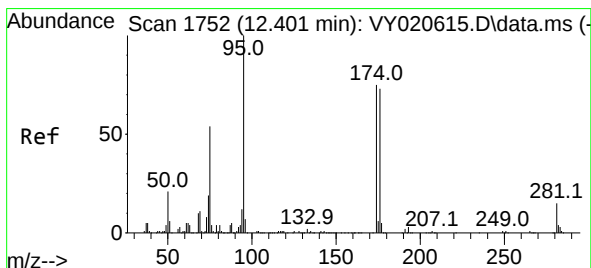
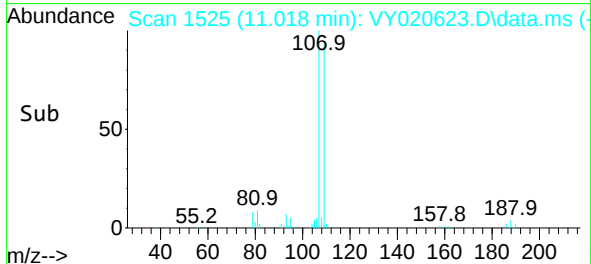
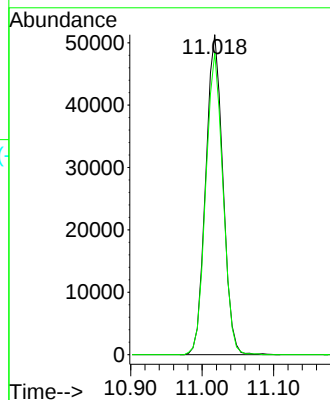
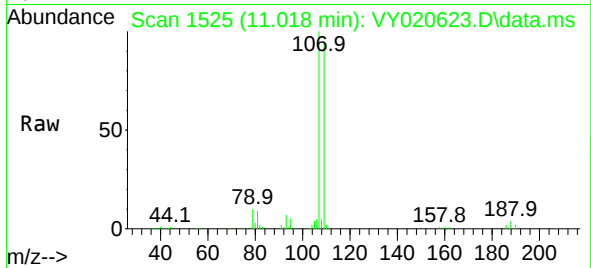




#61
1,2-Dibromoethane
Concen: 52.944 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

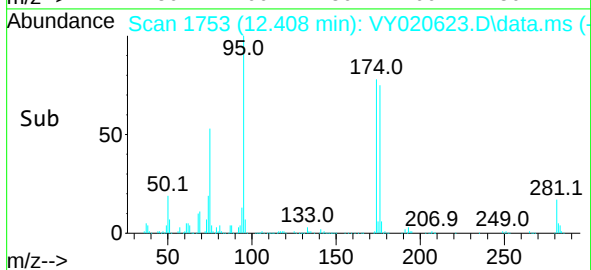
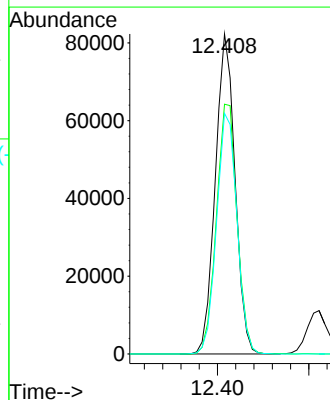
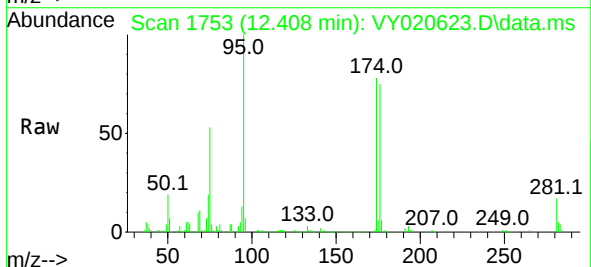
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

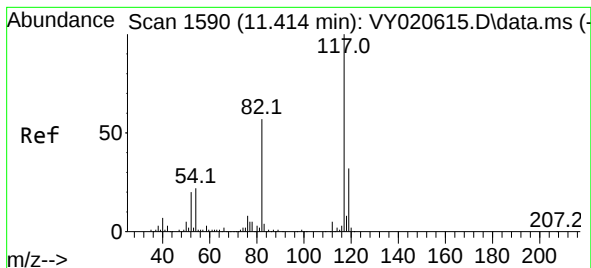
Tgt Ion:107 Resp: 85370
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 45.267 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 95 Resp: 123092
Ion Ratio Lower Upper
95 100
174 81.7 0.0 161.8
176 77.8 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121824

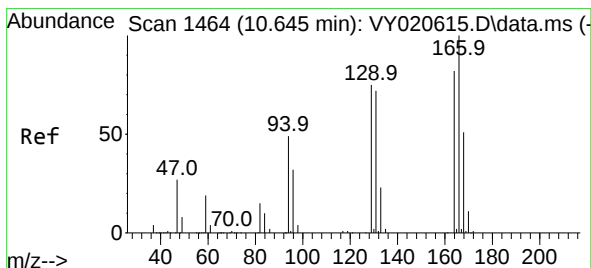
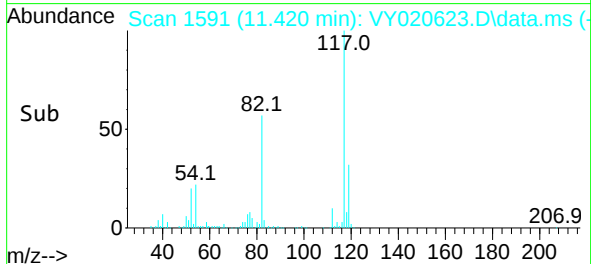
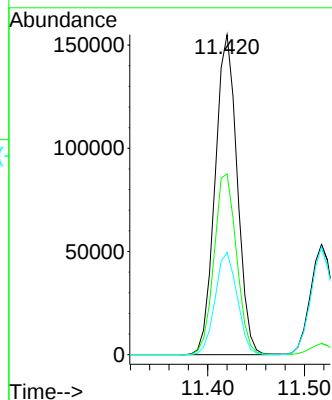
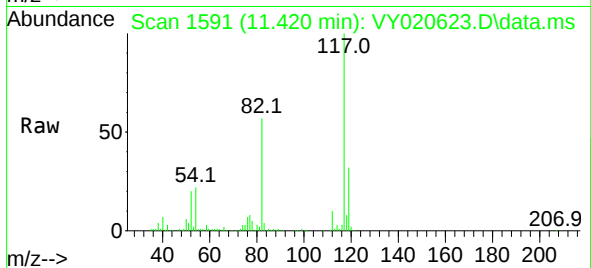
Tgt Ion:117 Resp: 246057

Ion Ratio Lower Upper

117 100

82 56.5 45.8 68.6

119 31.9 25.3 37.9



#64

Tetrachloroethene

Concen: 53.056 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Tgt Ion:164 Resp: 122795

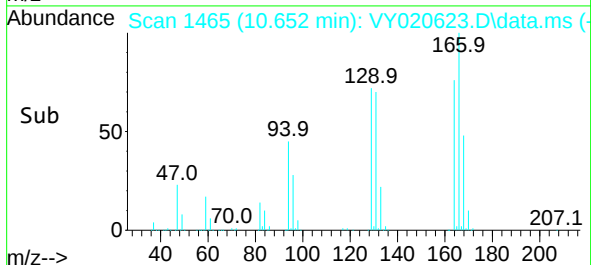
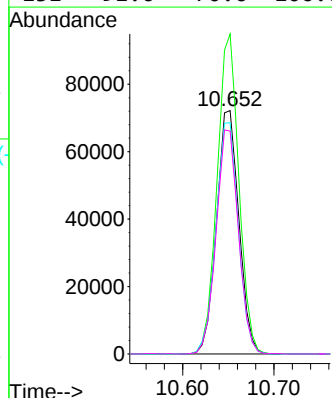
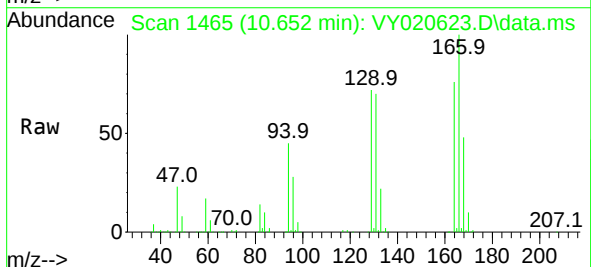
Ion Ratio Lower Upper

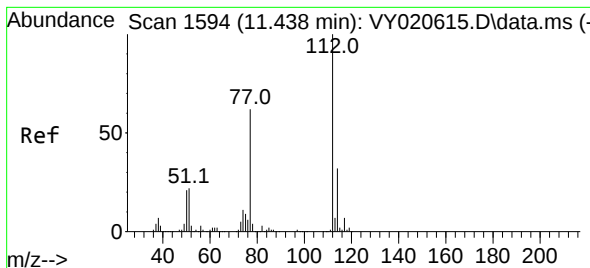
164 100

166 131.5 97.9 146.9

129 95.0 73.4 110.0

131 91.6 70.6 106.0

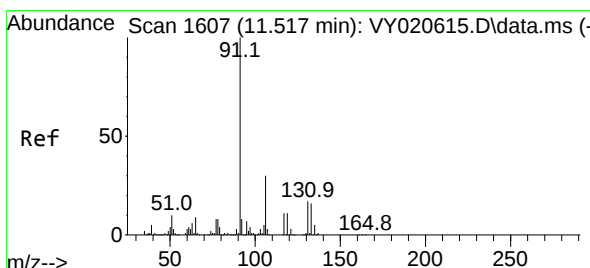
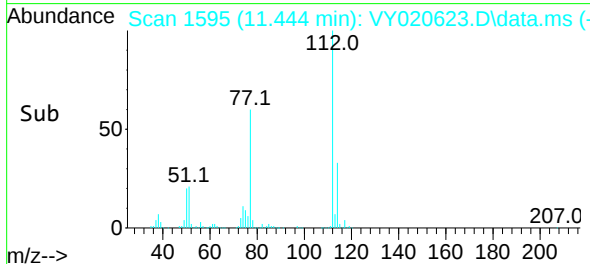
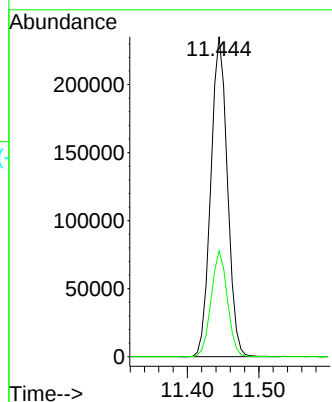
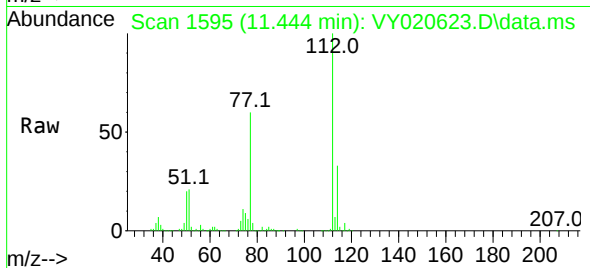




#65
Chlorobenzene
Concen: 55.019 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

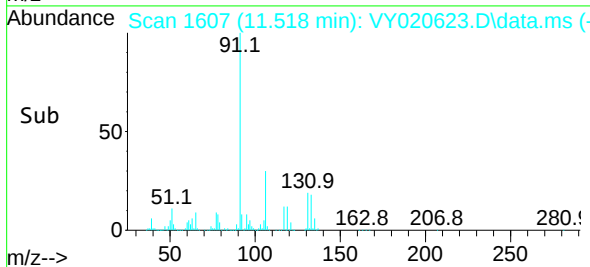
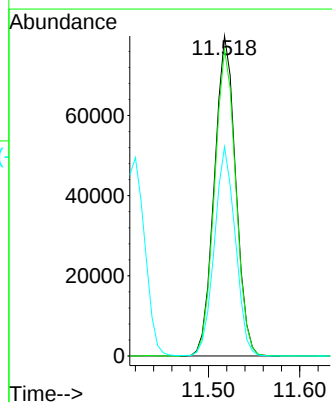
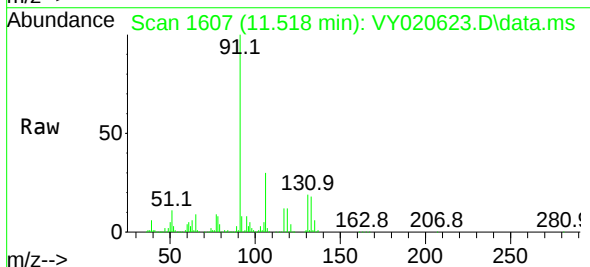
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

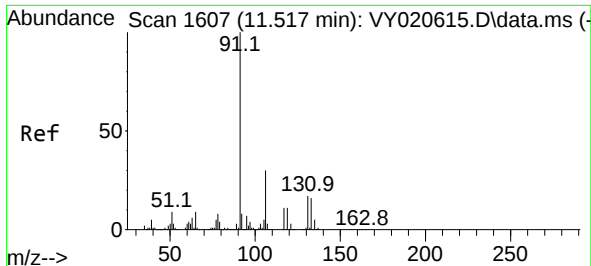
Tgt Ion:112 Resp: 378529
Ion Ratio Lower Upper
112 100
114 33.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.037 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion:131 Resp: 129481
Ion Ratio Lower Upper
131 100
133 95.5 46.8 140.3
119 64.0 31.8 95.3





#67

Ethyl Benzene

Concen: 55.393 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

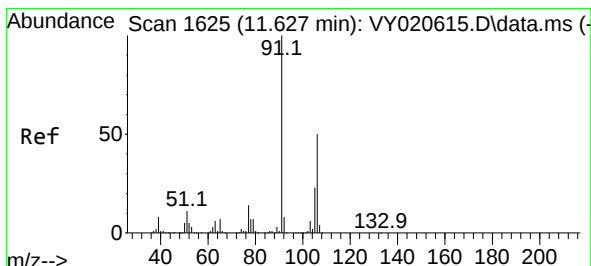
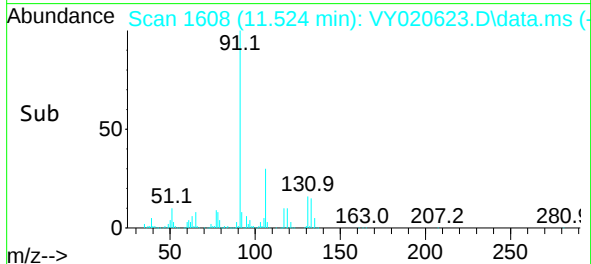
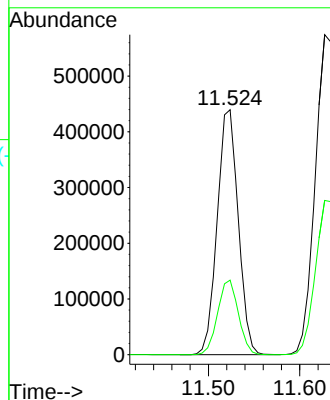
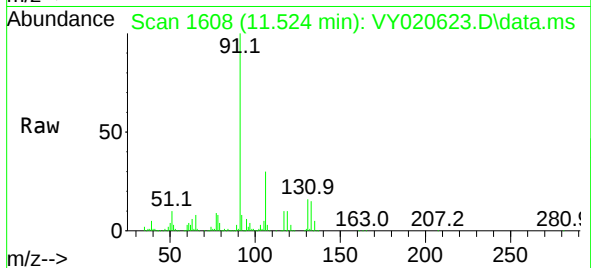
ICVVY121824

Tgt Ion: 91 Resp: 703089

Ion Ratio Lower Upper

91 100

106 30.5 23.9 35.9



#68

m/p-Xylenes

Concen: 109.995 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020623.D

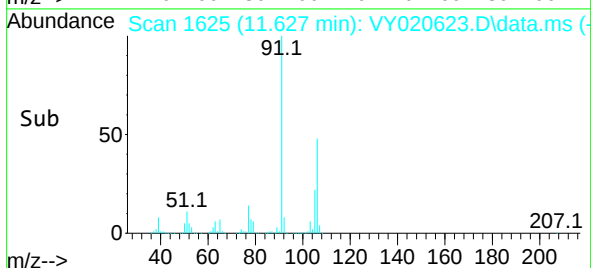
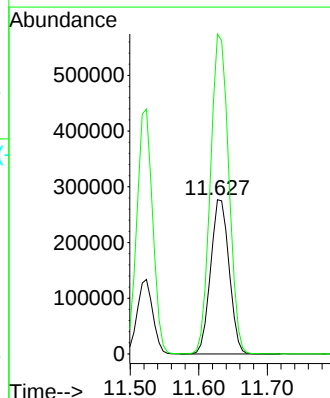
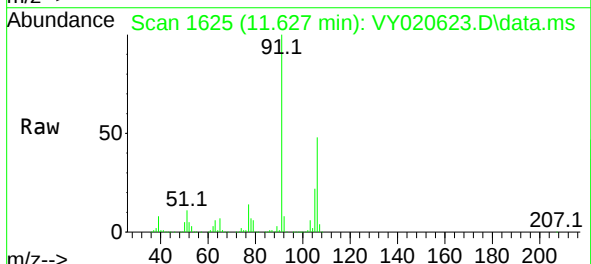
Acq: 18 Dec 2024 09:43

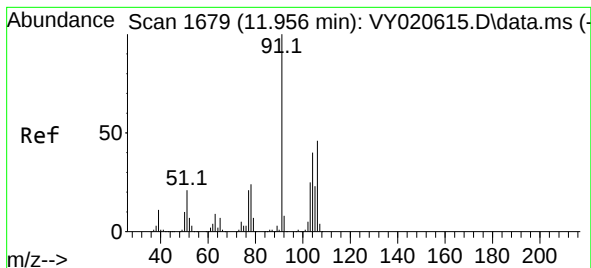
Tgt Ion:106 Resp: 519103

Ion Ratio Lower Upper

106 100

91 206.4 165.0 247.4





#69

o-Xylene

Concen: 55.129 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

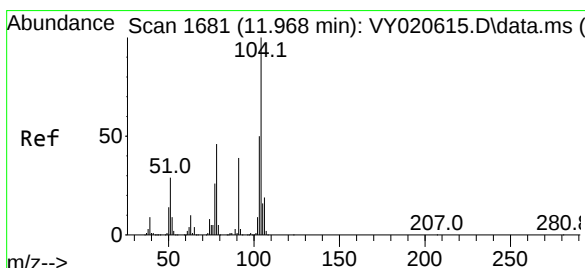
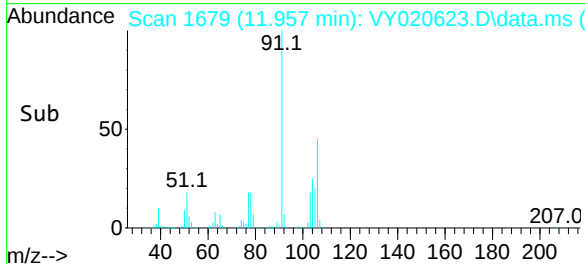
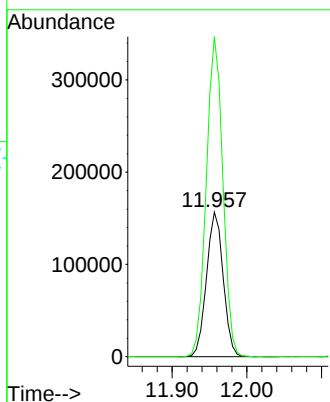
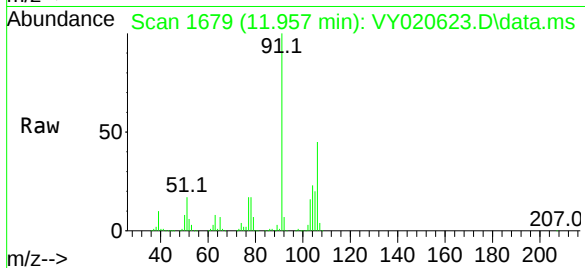
ICVVY121824

Tgt Ion:106 Resp: 242747

Ion Ratio Lower Upper

106 100

91 219.6 108.4 325.2



#70

Styrene

Concen: 55.275 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

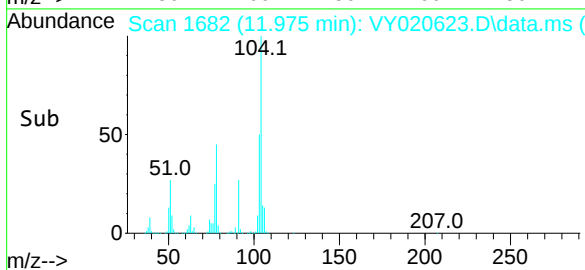
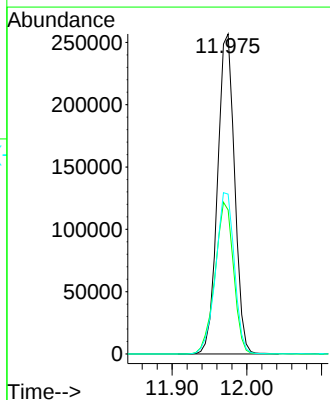
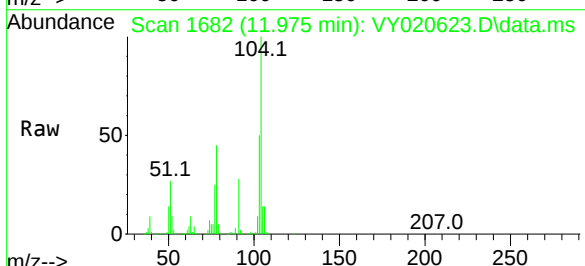
Tgt Ion:104 Resp: 406649

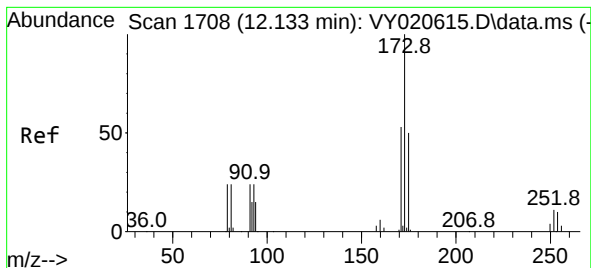
Ion Ratio Lower Upper

104 100

78 51.7 41.6 62.4

103 55.3 43.7 65.5





#71

Bromoform

Concen: 54.090 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121824

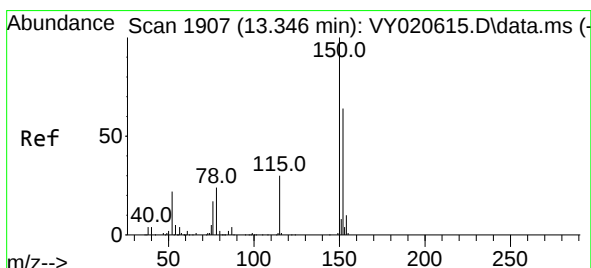
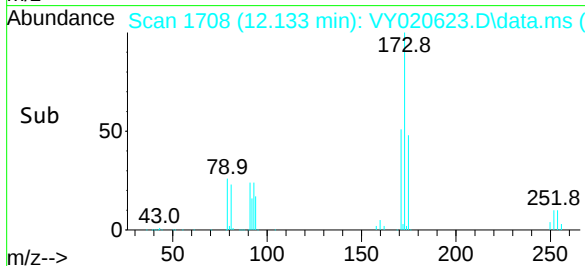
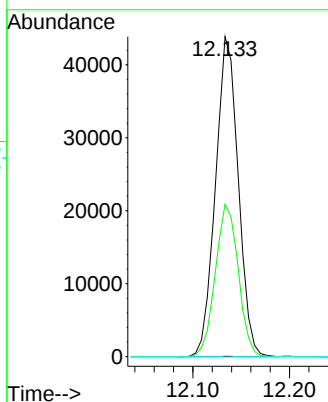
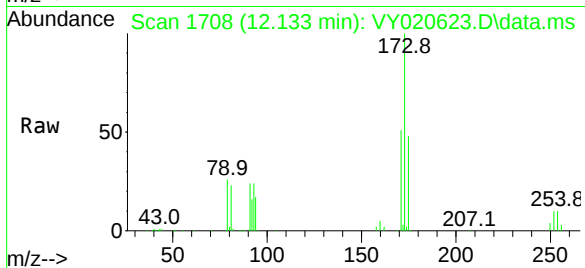
Tgt Ion:173 Resp: 71545

Ion Ratio Lower Upper

173 100

175 48.1 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

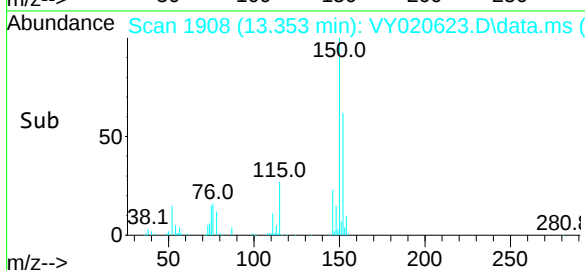
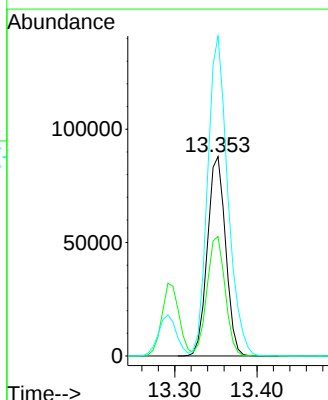
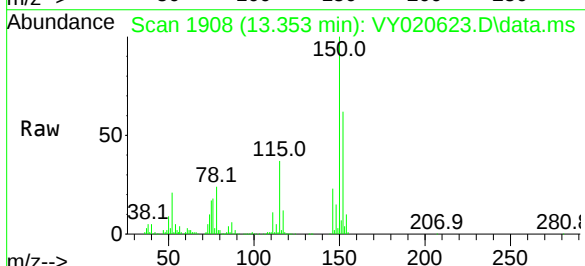
Tgt Ion:152 Resp: 135162

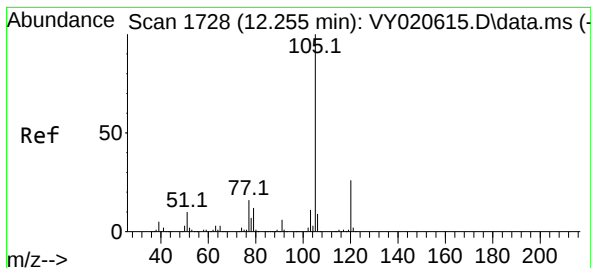
Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

150 177.4 0.0 355.4





#73

Isopropylbenzene

Concen: 55.541 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

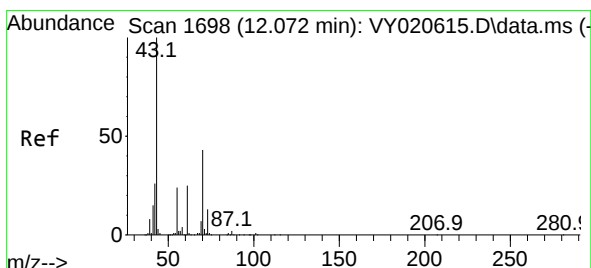
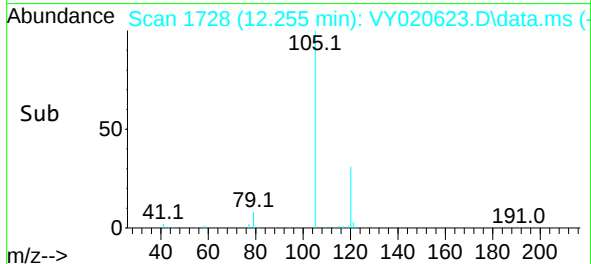
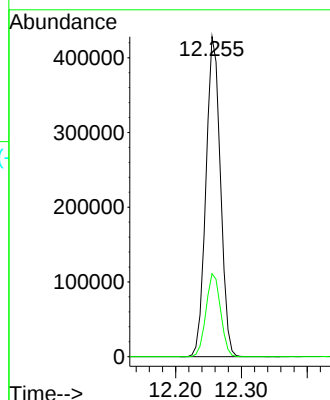
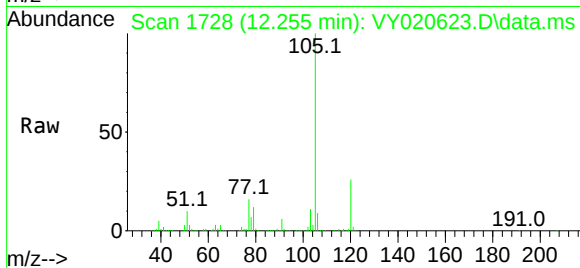
ICVY121824

Tgt Ion:105 Resp: 655105

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 54.818 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Tgt Ion: 43 Resp: 151318

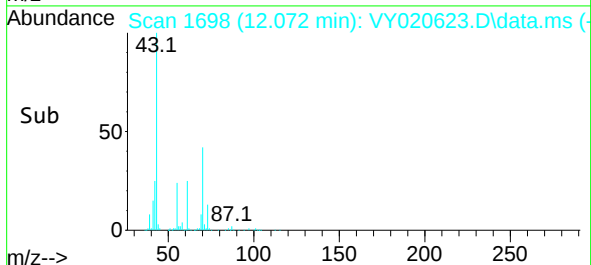
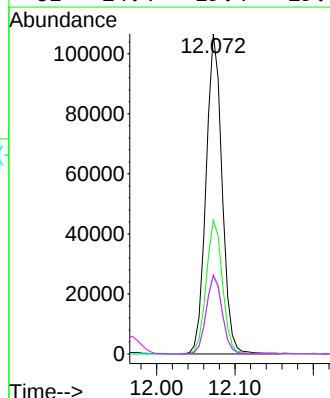
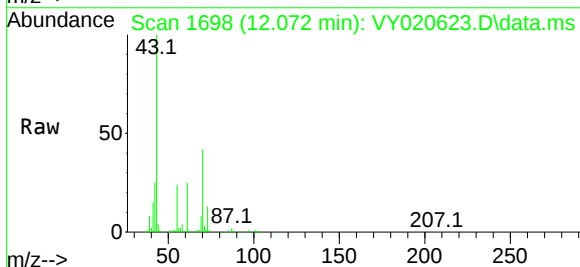
Ion Ratio Lower Upper

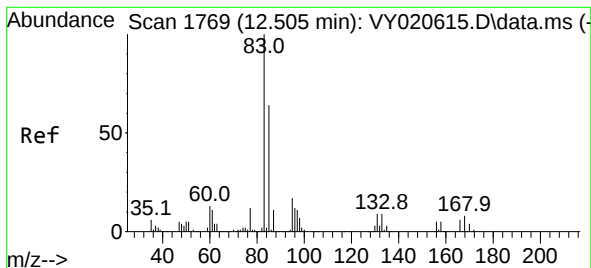
43 100

70 42.3 34.2 51.2

55 24.2 19.6 29.4

61 24.4 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.630 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121824

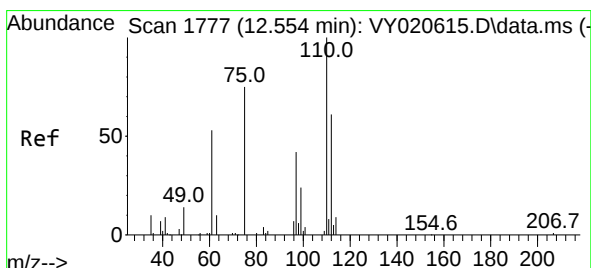
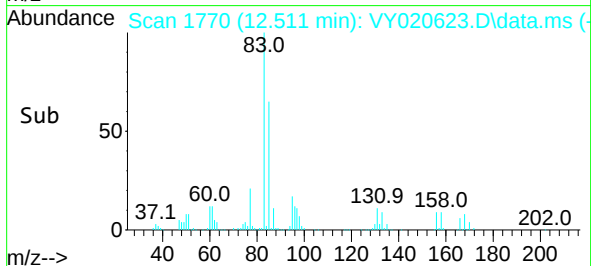
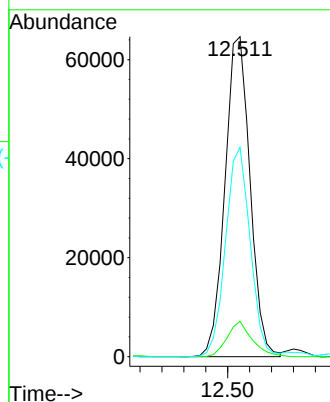
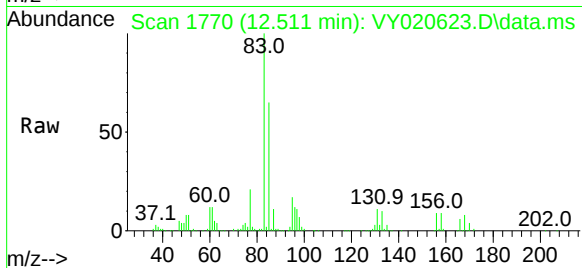
Tgt Ion: 83 Resp: 102678

Ion Ratio Lower Upper

83 100

131 11.1 5.2 15.6

85 64.3 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 98.983 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY020623.D

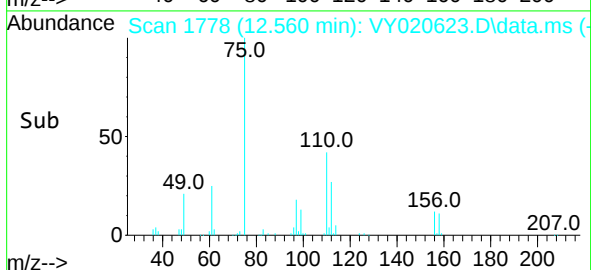
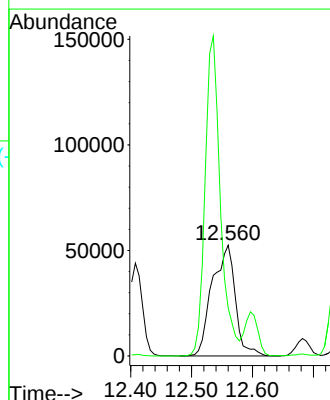
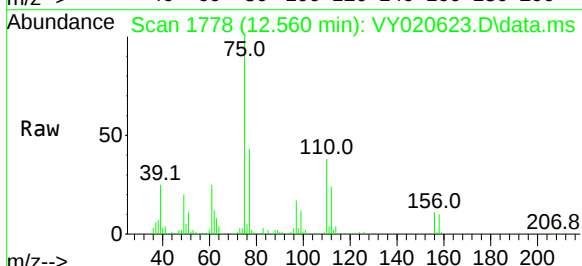
Acq: 18 Dec 2024 09:43

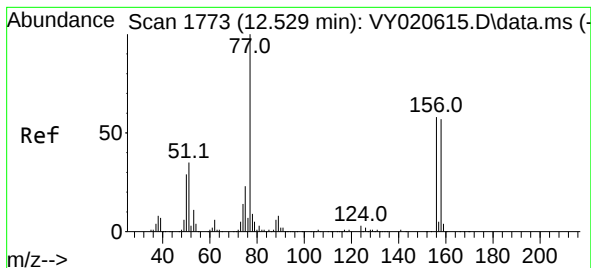
Tgt Ion: 75 Resp: 138980

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.233 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121824

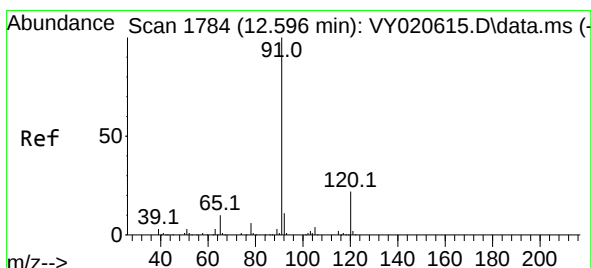
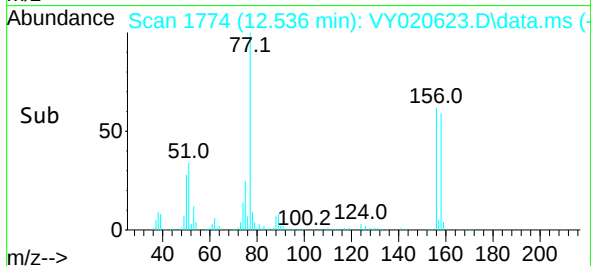
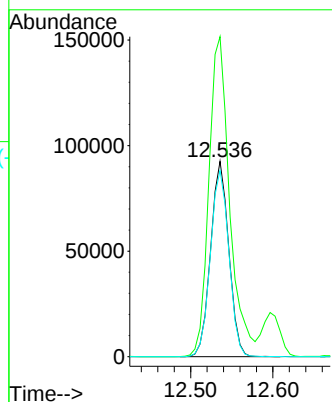
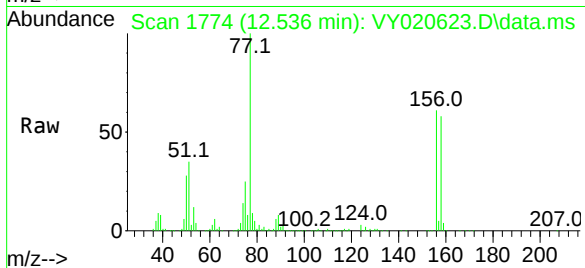
Tgt Ion:156 Resp: 141911

Ion Ratio Lower Upper

156 100

77 187.3 94.2 282.4

158 96.9 48.9 146.6



#78

n-propylbenzene

Concen: 55.137 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020623.D

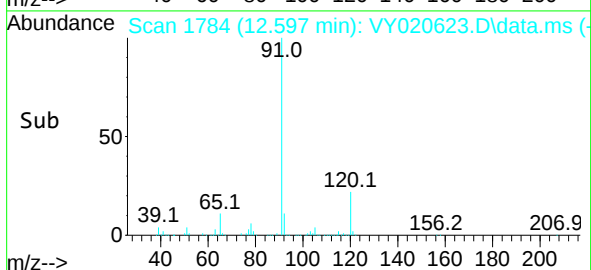
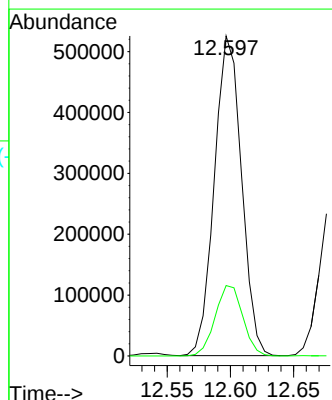
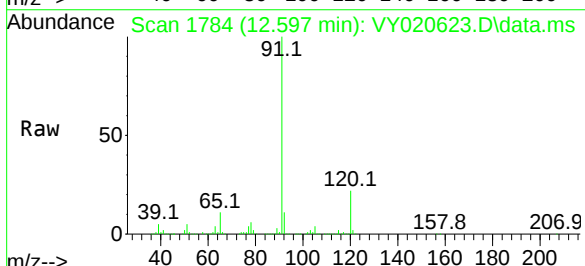
Acq: 18 Dec 2024 09:43

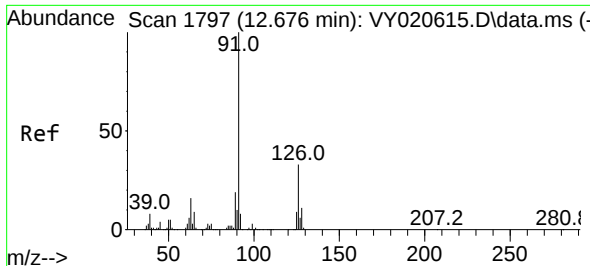
Tgt Ion: 91 Resp: 783540

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.1

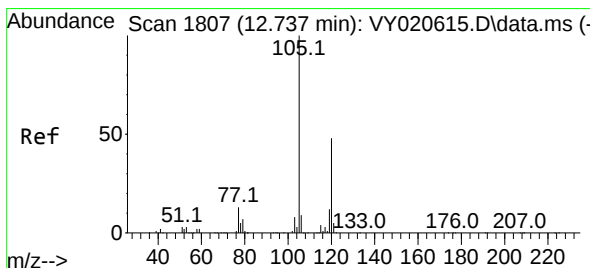
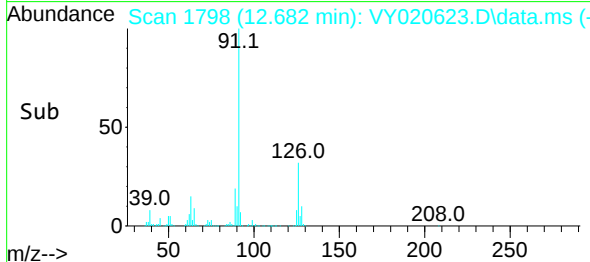
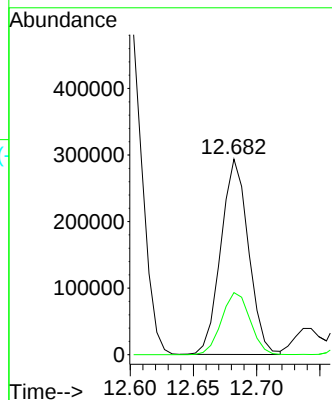
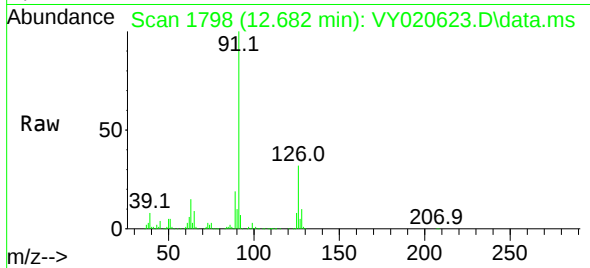




#79
2-Chlorotoluene
Concen: 55.818 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

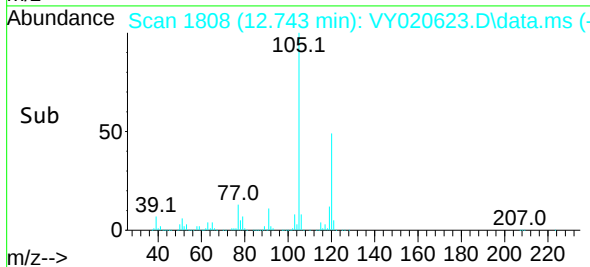
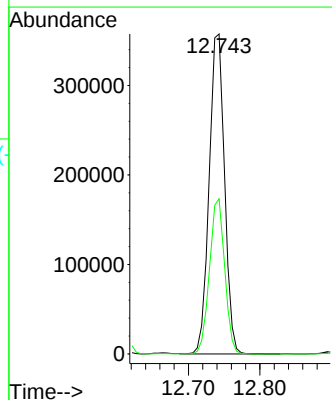
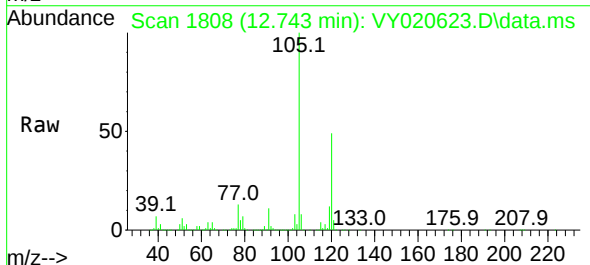
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

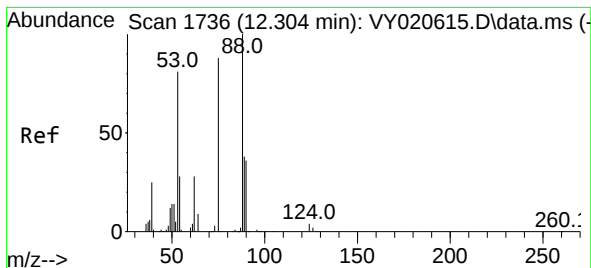
Tgt Ion: 91 Resp: 446278
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 55.844 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 105 Resp: 534457
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7

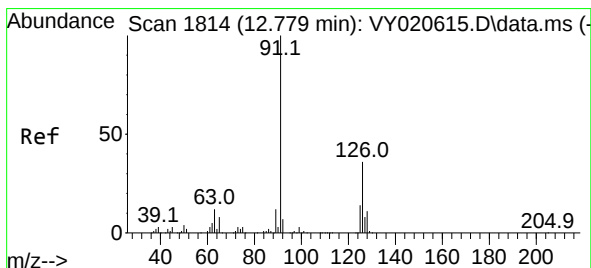
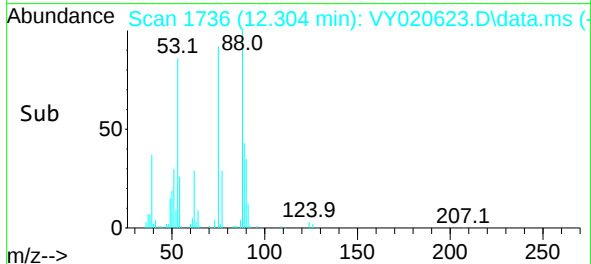
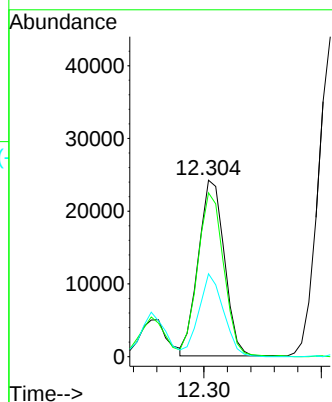
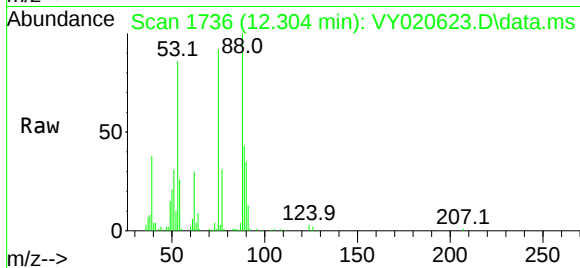




#81
trans-1,4-Dichloro-2-butene
Concen: 55.634 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

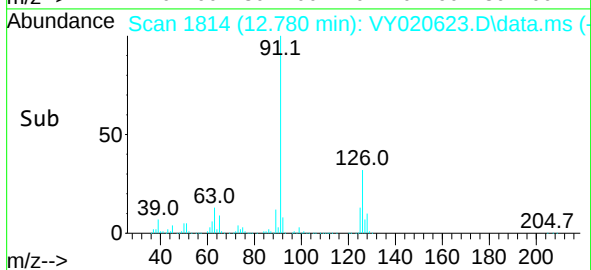
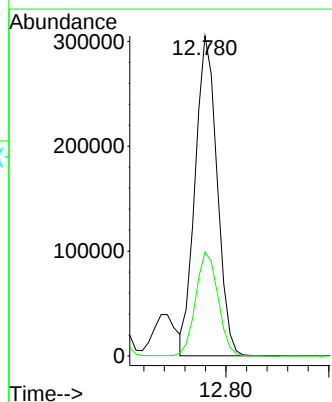
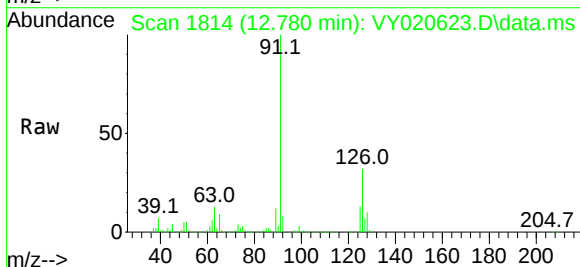
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

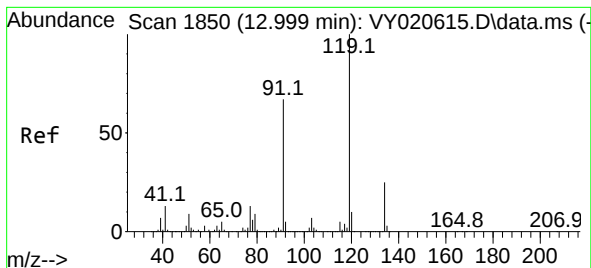
Tgt Ion: 75 Resp: 37214
Ion Ratio Lower Upper
75 100
53 93.7 75.4 113.2
89 45.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 54.455 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 91 Resp: 451687
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7





#83

tert-Butylbenzene

Concen: 54.556 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121824

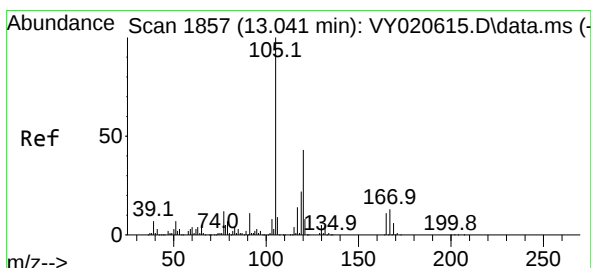
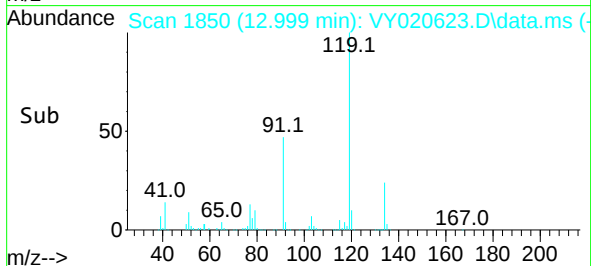
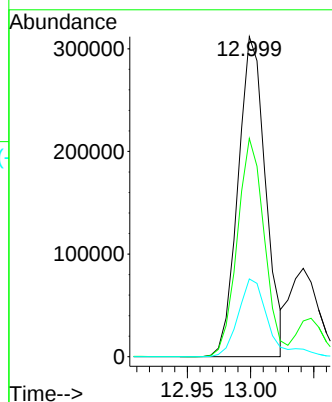
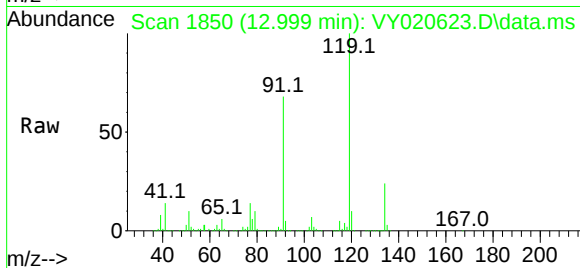
Tgt Ion:119 Resp: 472868

Ion Ratio Lower Upper

119 100

91 67.2 32.9 98.6

134 26.6 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 56.024 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY020623.D

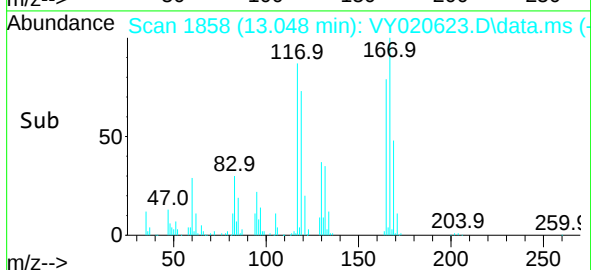
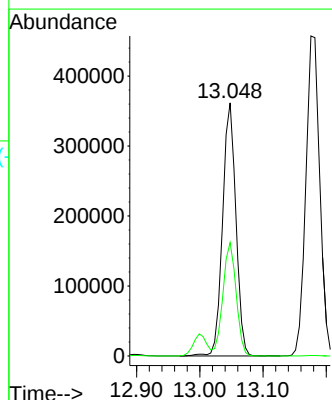
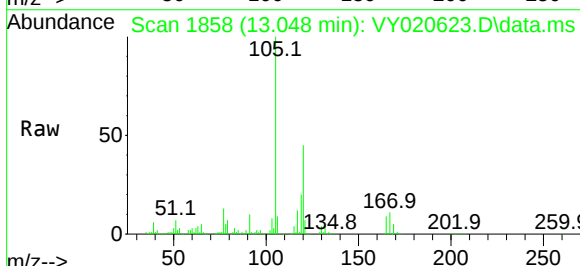
Acq: 18 Dec 2024 09:43

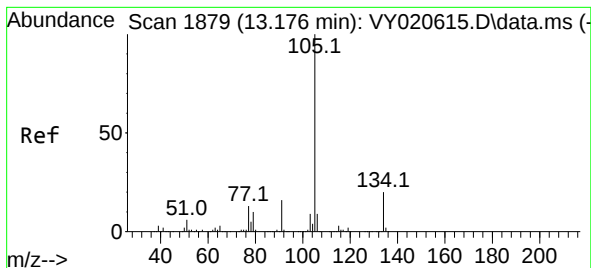
Tgt Ion:105 Resp: 525941

Ion Ratio Lower Upper

105 100

120 44.6 21.8 65.4





#85

sec-Butylbenzene

Concen: 55.099 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

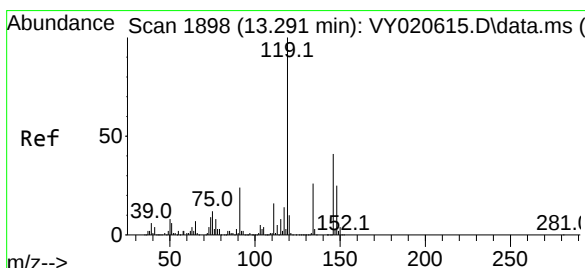
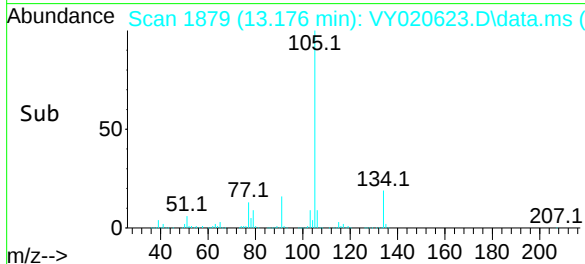
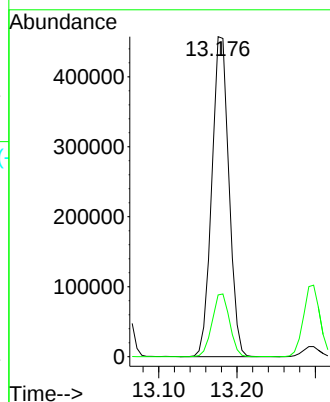
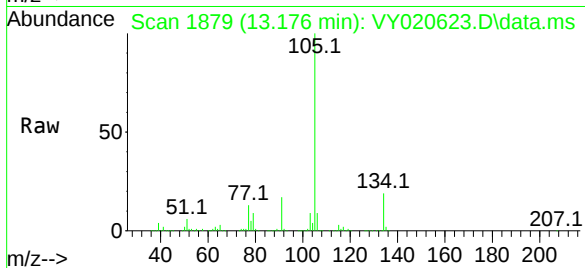
ICVVY121824

Tgt Ion:105 Resp: 694384

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 56.346 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

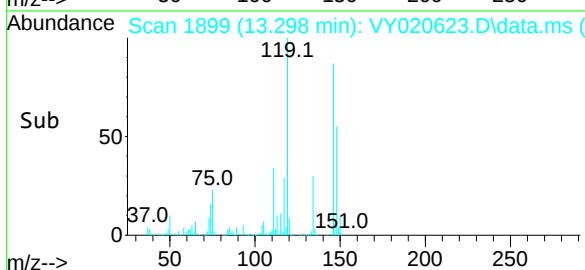
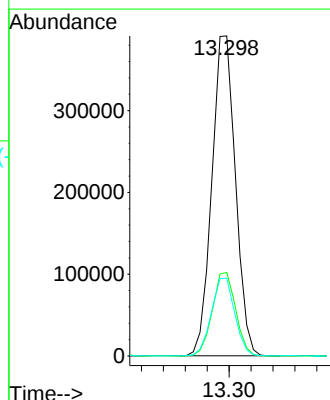
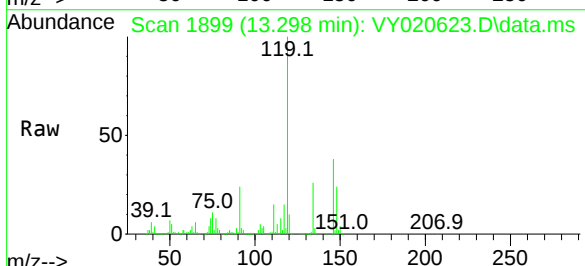
Tgt Ion:119 Resp: 585461

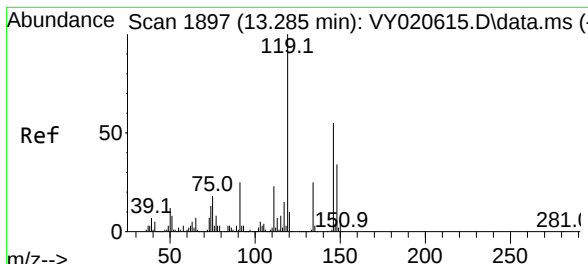
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

91 24.1 12.1 36.3

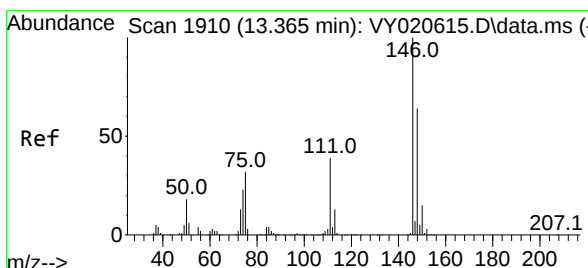
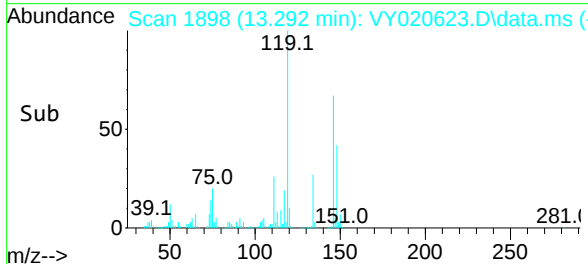
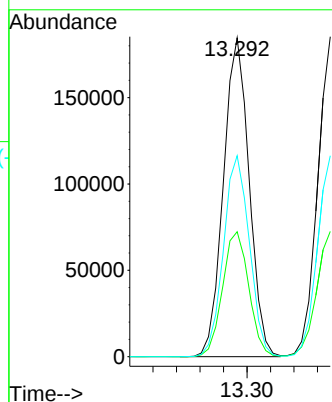
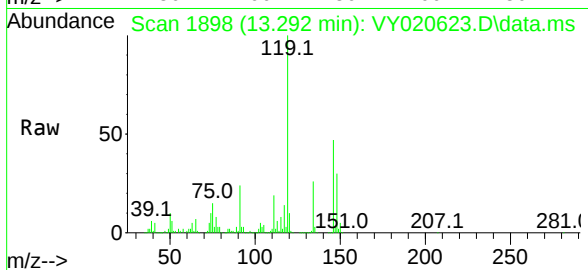




#87
 1,3-Dichlorobenzene
 Concen: 55.381 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY020623.D
 Acq: 18 Dec 2024 09:43

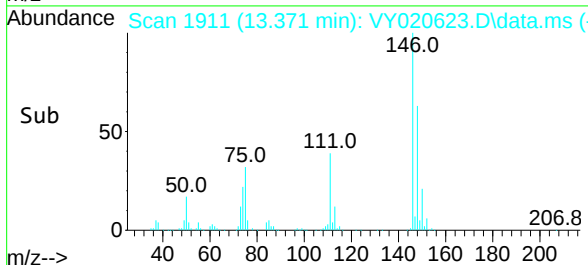
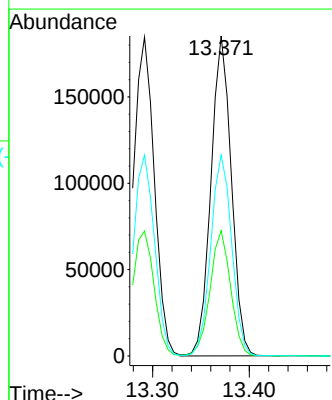
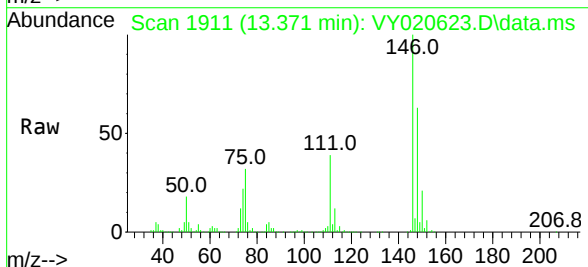
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121824

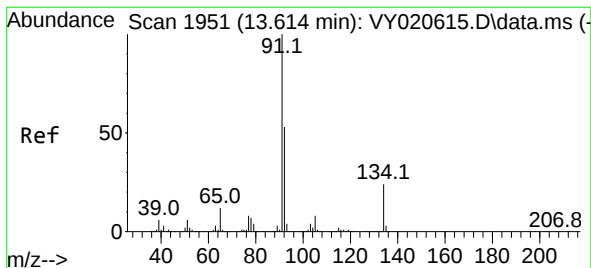
Tgt Ion:146 Resp: 280882
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.6 61.8
 148 63.5 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 54.122 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY020623.D
 Acq: 18 Dec 2024 09:43

Tgt Ion:146 Resp: 271866
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 64.7 31.9 95.5





#89

n-Butylbenzene

Concen: 56.156 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121824

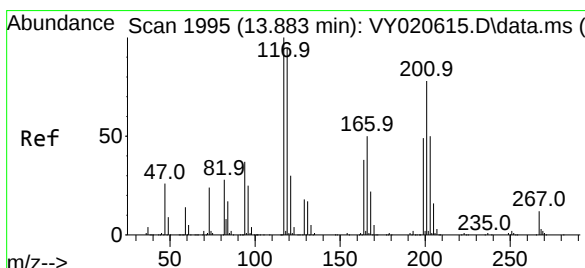
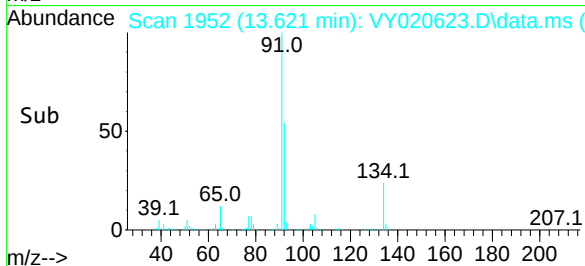
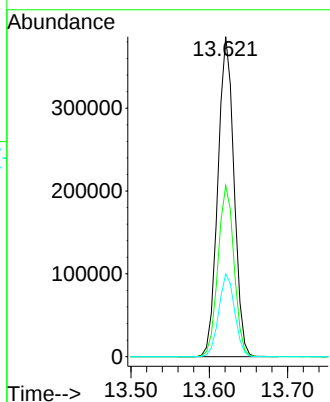
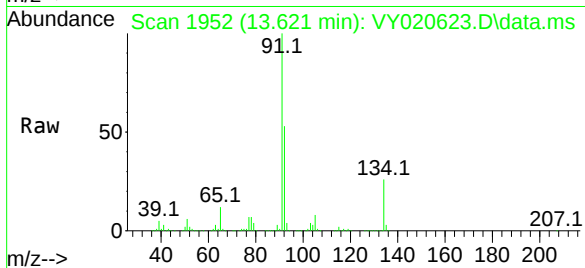
Tgt Ion: 91 Resp: 552991

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.4

134 25.5 12.5 37.5



#90

Hexachloroethane

Concen: 55.329 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020623.D

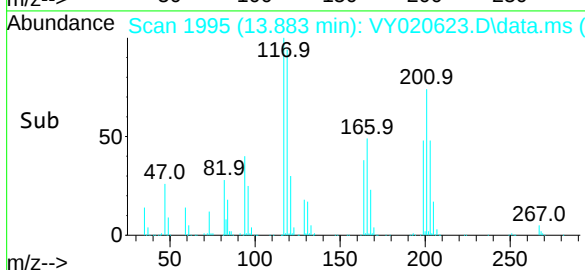
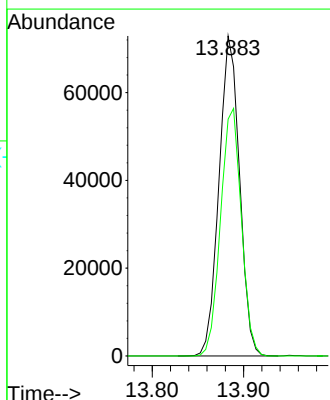
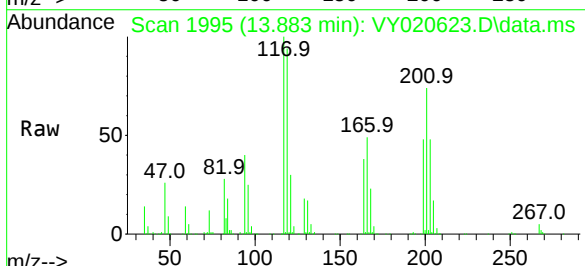
Acq: 18 Dec 2024 09:43

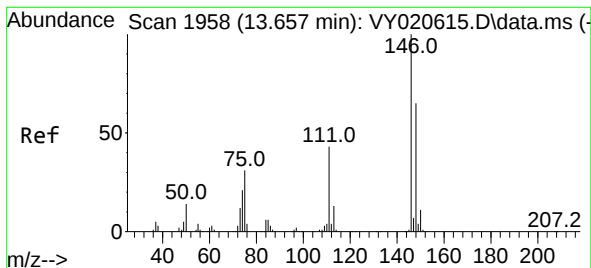
Tgt Ion: 117 Resp: 113928

Ion Ratio Lower Upper

117 100

201 78.3 39.1 117.3

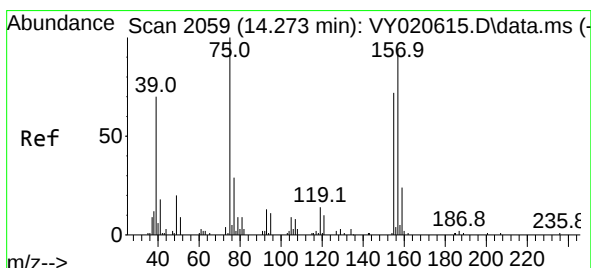
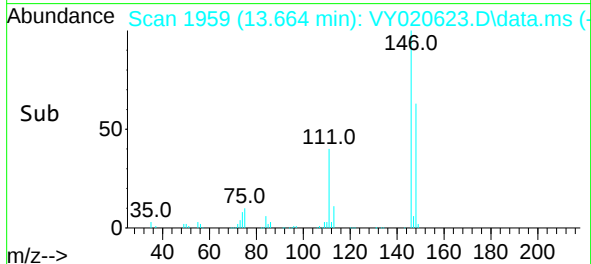
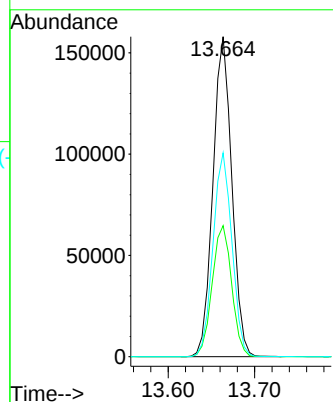
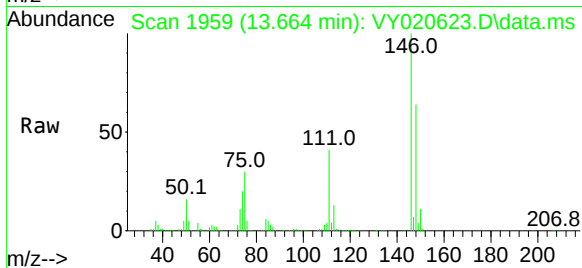




#91
1,2-Dichlorobenzene
Concen: 54.548 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

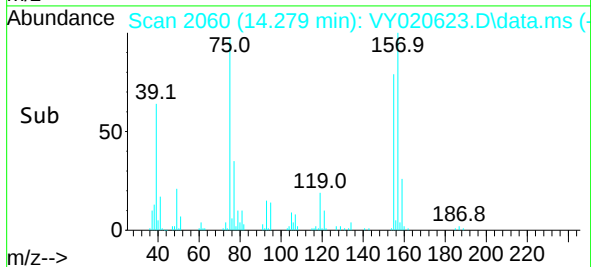
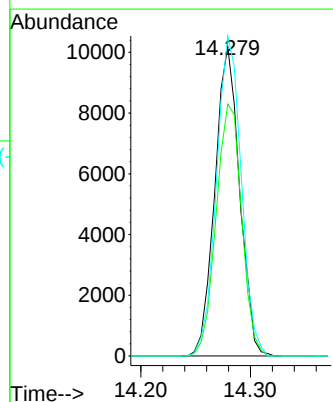
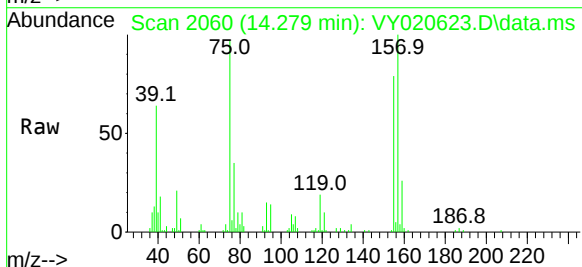
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121824

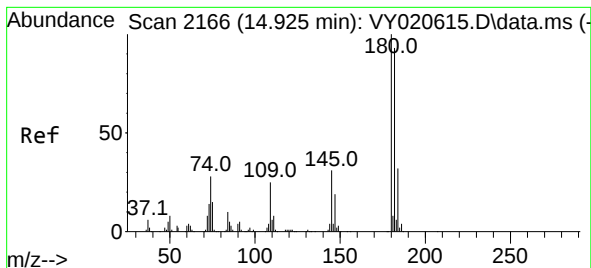
Tgt Ion:146 Resp: 239707
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.7
148 63.9 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.412 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020623.D
Acq: 18 Dec 2024 09:43

Tgt Ion: 75 Resp: 15981
Ion Ratio Lower Upper
75 100
155 83.8 41.1 123.3
157 103.4 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 56.222 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121824

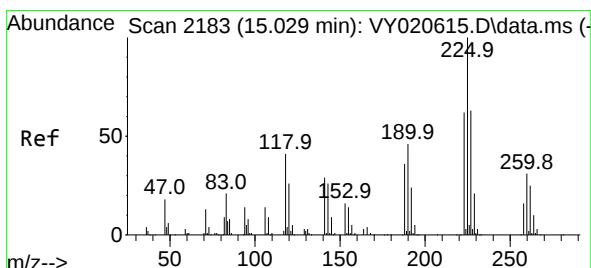
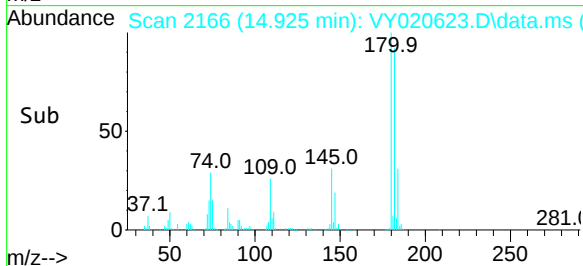
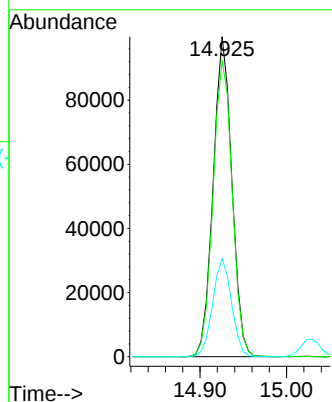
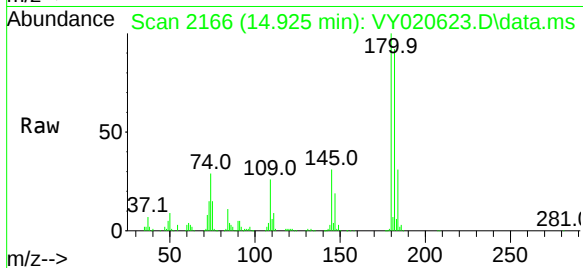
Tgt Ion:180 Resp: 149441

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

145 30.8 15.6 46.7



#94

Hexachlorobutadiene

Concen: 56.250 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

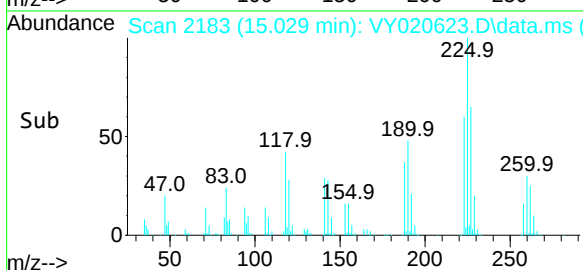
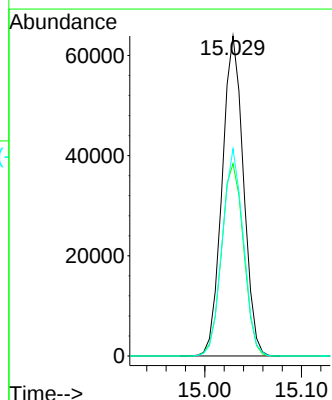
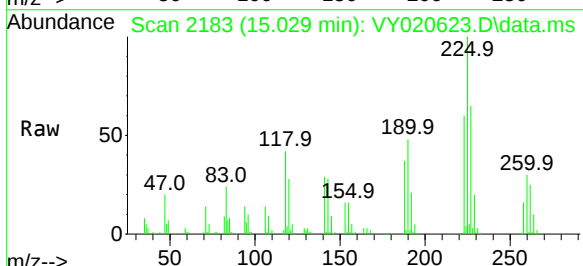
Tgt Ion:225 Resp: 97741

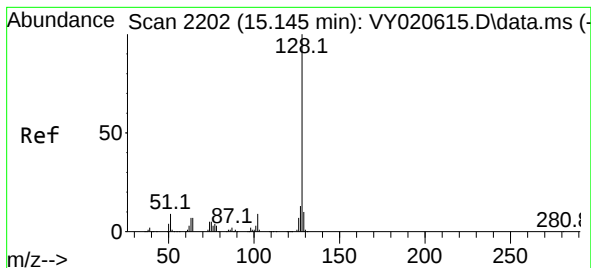
Ion Ratio Lower Upper

225 100

223 61.9 31.8 95.3

227 64.0 32.2 96.6





#95

Naphthalene

Concen: 56.376 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121824

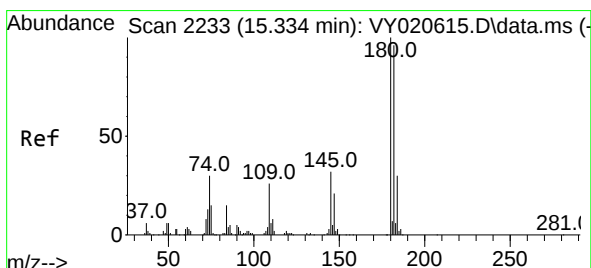
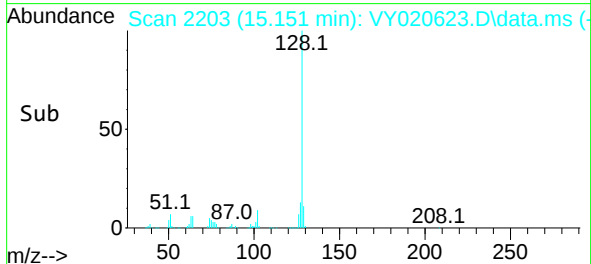
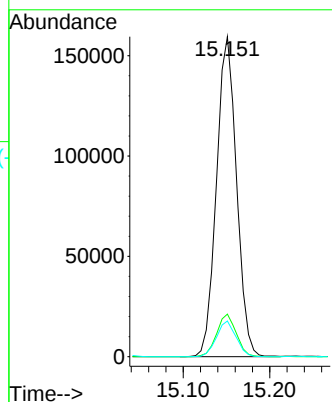
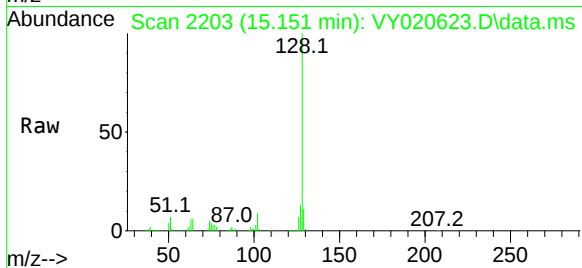
Tgt Ion:128 Resp: 256906

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 56.169 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020623.D

Acq: 18 Dec 2024 09:43

Tgt Ion:180 Resp: 126145

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 32.4 16.0 48.0

