

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020089.D
 Acq On : 31 Oct 2024 13:05
 Operator : SY/MD
 Sample : P4495-23
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 05:06:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	251162	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	444591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	375160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	173769	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156245	49.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.680%
35) Dibromofluoromethane	7.640	113	142878	50.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.100%
50) Toluene-d8	10.103	98	586070	52.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.180%
62) 4-Bromofluorobenzene	12.401	95	187361	51.267	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	102.540%

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.824	59	2203	9.770	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	356326	131.468	ug/l #	78
15) Acrylonitrile	5.116	53	11075	17.272	ug/l #	27
16) Acetone	3.866	43	216031	296.346	ug/l	87
19) Methyl tert-butyl Ether	5.116	73	946114	138.752	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	89531	29.290	ug/l	86
25) 2-Butanone	6.896	43	170888	172.935	ug/l #	84
28) Bromochloromethane	7.421	49	103263	37.531	ug/l #	6
30) Chloroform	7.421	83	1124488	192.854	ug/l	98
31) Cyclohexane	7.707	56	8111	1.426	ug/l #	38
32) 1,1,1-Trichloroethane	7.616	97	620478	121.885	ug/l #	94
36) 1,1-Dichloropropene	7.701	75	24979	5.720	ug/l #	47
37) Ethyl Acetate	6.896	43	170888	82.085	ug/l #	68
38) Carbon Tetrachloride	7.707	117	27798	6.331	ug/l #	15
40) Benzene	8.079	78	1633952	128.200	ug/l	99
42) 1,2-Dichloroethane	8.158	62	532217	150.859	ug/l	94
44) Trichloroethene	8.865	130	215715	73.025	ug/l	85
45) 1,2-Dichloropropane	9.140	63	117857	38.650	ug/l	96
46) Dibromomethane	9.231	93	52690	31.889	ug/l #	87
47) Bromodichloromethane	9.420	83	213940	49.426	ug/l	99
48) Methyl methacrylate	9.140	41	71222	38.409	ug/l #	19
49) 1,4-Dioxane	9.237	88	121	7.113	ug/l #	20
51) 4-Methyl-2-Pentanone	9.993	43	958691	464.755	ug/l	88
52) Toluene	10.170	92	572690	72.893	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	176472	46.169	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	648899	142.233	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	121922	59.348	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.725	63	2822	1.942	ug/l #	58
59) 2-Hexanone	10.755	43	627378	424.230	ug/l	86
61) 1,2-Dibromoethane	11.011	107	150491	78.847	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	491353	192.389	ug/l	99
67) Ethyl Benzene	11.517	91	2294482	153.550	ug/l	99
68) m/p-Xylenes	11.627	106	615729	112.624	ug/l	91
69) o-Xylene	11.950	106	621034	119.982	ug/l	91
70) Styrene	11.969	104	1706368	199.384	ug/l	96
71) Bromoform	12.127	173	132995	101.506	ug/l #	98

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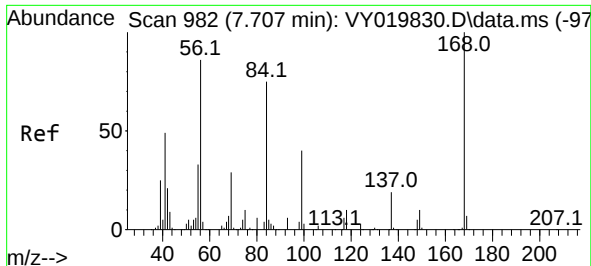
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) 1,1,2,2-Tetrachloroethane	12.505	83	198494	81.761	ug/l	99
76) 1,2,3-Trichloropropane	12.401	75	107593	66.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	107593	142.077	ug/l #	16
82) 4-Chlorotoluene	12.993	91	463740	47.427	ug/l #	39
83) tert-Butylbenzene	12.993	119	670762	68.831	ug/l	92
84) 1,2,4-Trimethylbenzene	13.042	105	1694331	153.494	ug/l	96
85) sec-Butylbenzene	13.042	105	1694331	113.254	ug/l #	56
86) p-Isopropyltoluene	13.042	119	187610	15.627	ug/l #	1
87) 1,3-Dichlorobenzene	13.365	146	806143	141.348	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	806143	141.937	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	41093	111.612	ug/l	78
95) Naphthalene	15.145	128	330910	66.474	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	260484	115.229	ug/l	98

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

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Response via : Initial Calibration

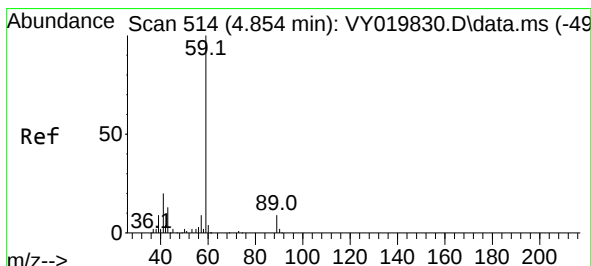
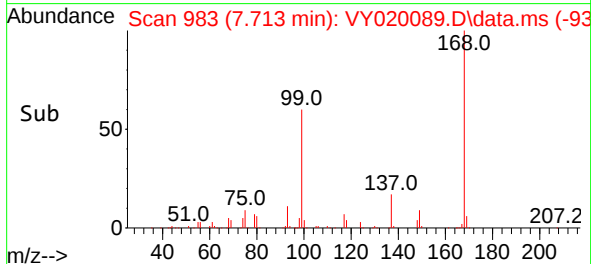
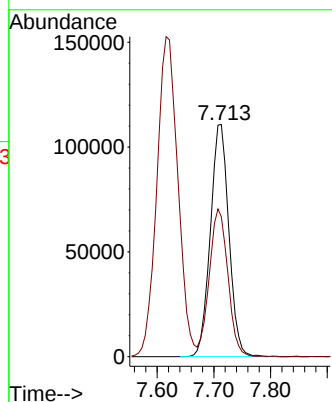
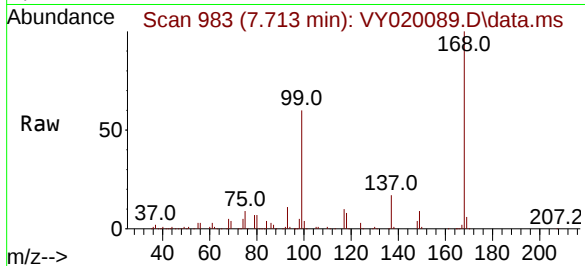




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

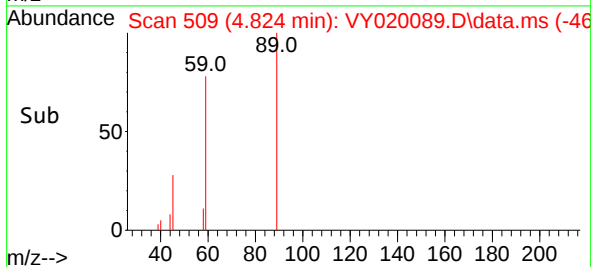
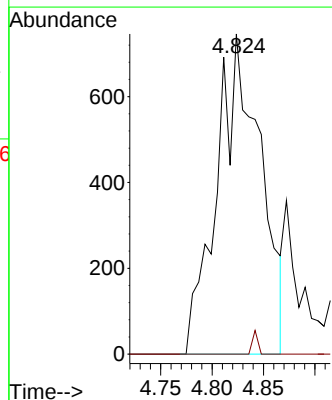
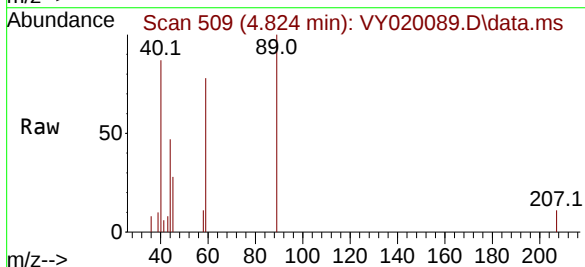
Instrument :
MSVOA_Y
ClientSampleId :

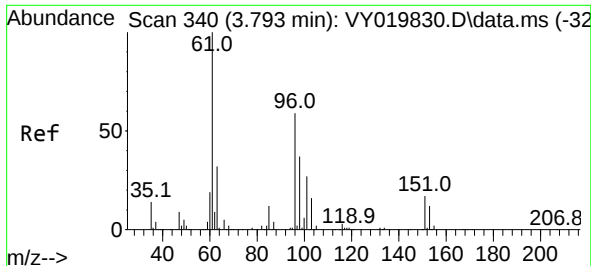
Tgt Ion:168 Resp: 251162
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: 9.770 ug/l
RT: 4.824 min Scan# 509
Delta R.T. -0.036 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 59 Resp: 2203
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

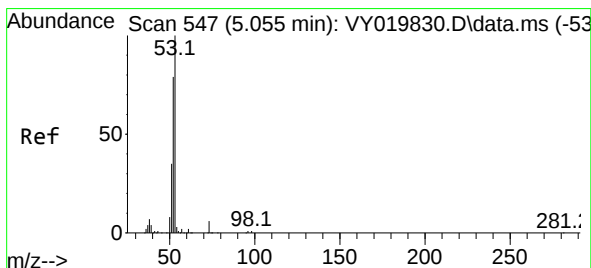
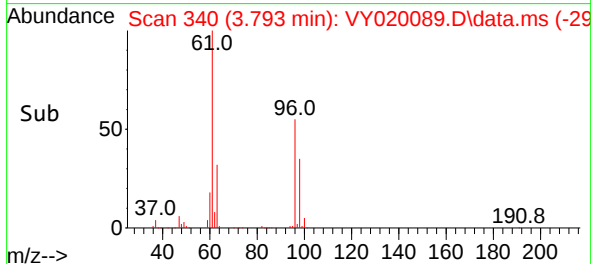
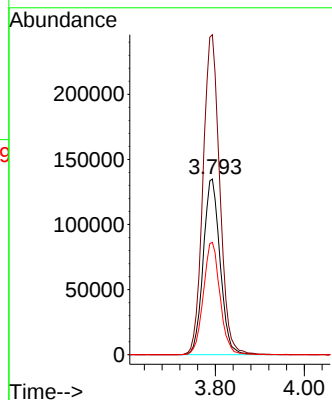
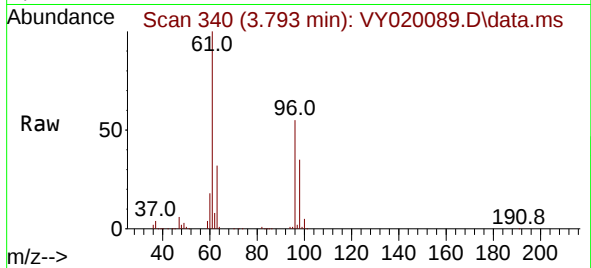




#12
1,1-Dichloroethene
Concen: 131.468 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

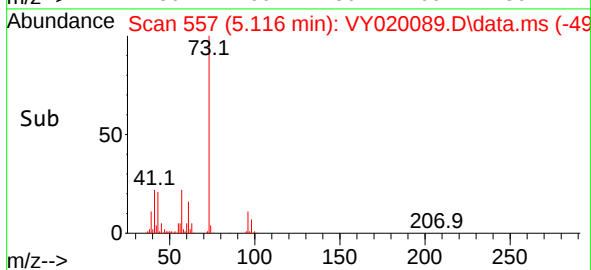
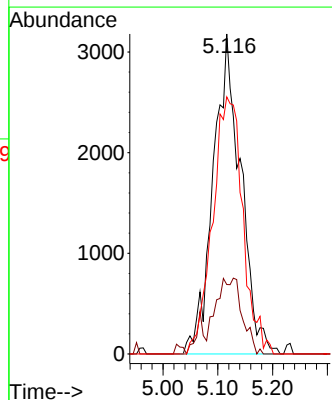
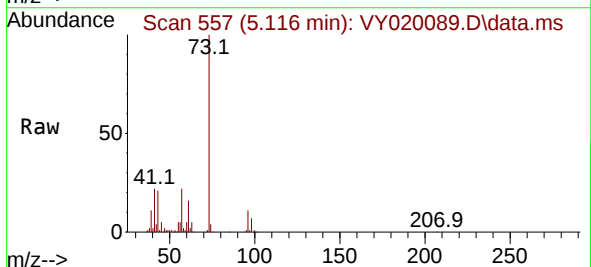
Instrument :
MSVOA_Y
ClientSampleId :

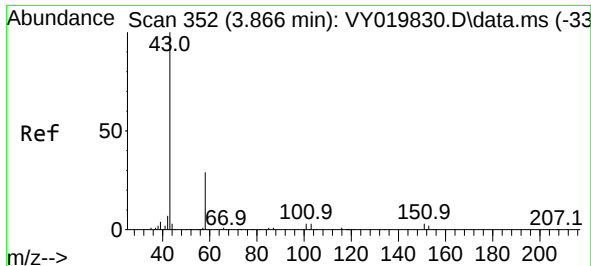
Tgt Ion: 96 Resp: 356326
Ion Ratio Lower Upper
96 100
61 182.1 114.6 171.8#
98 64.0 50.8 76.2



#15
Acrylonitrile
Concen: 17.272 ug/l
RT: 5.116 min Scan# 557
Delta R.T. 0.061 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

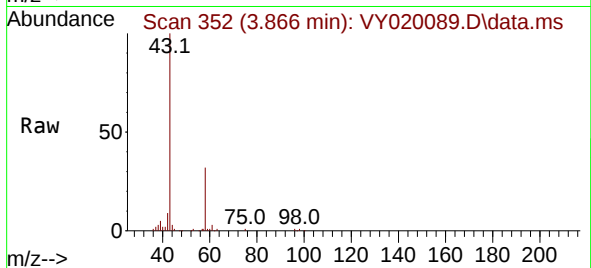
Tgt Ion: 53 Resp: 11075
Ion Ratio Lower Upper
53 100
52 22.7 64.7 97.1#
51 88.0 28.4 42.6#



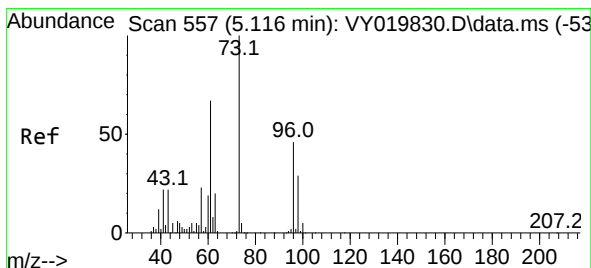
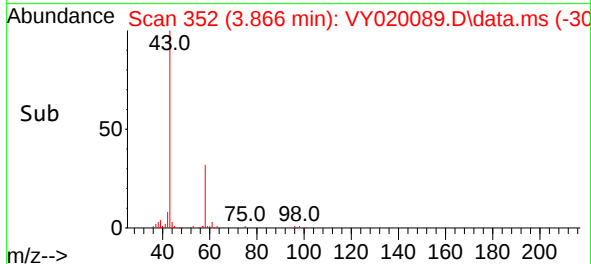
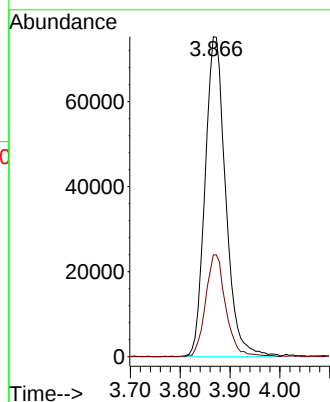


#16
Acetone
Concen: 296.346 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :

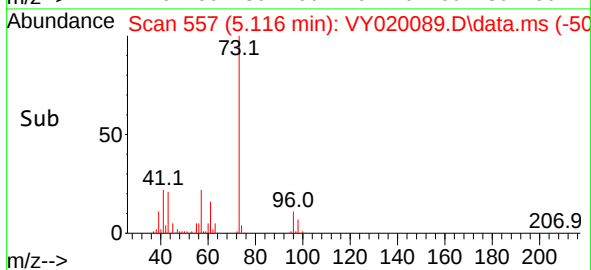
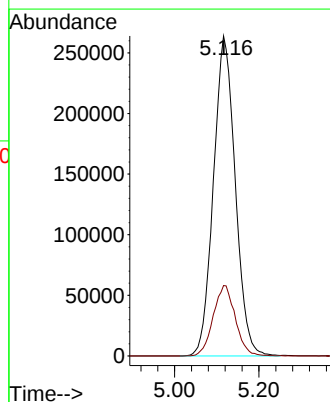
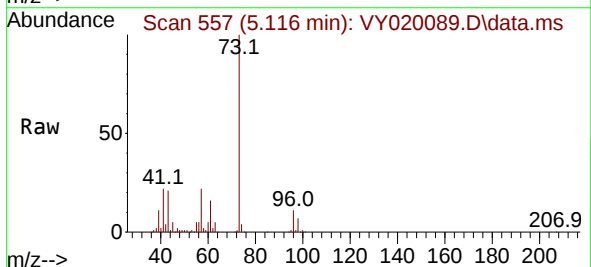


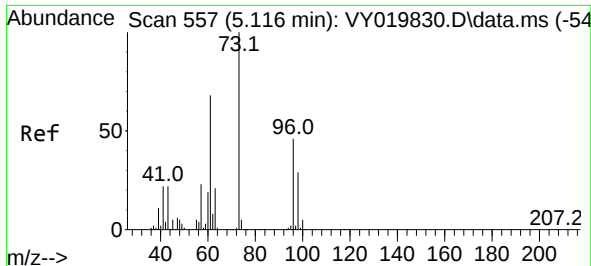
Tgt Ion: 43 Resp: 216031
Ion Ratio Lower Upper
43 100
58 31.8 31.7 47.5



#19
Methyl tert-butyl Ether
Concen: 138.752 ug/l
RT: 5.116 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 73 Resp: 946114
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

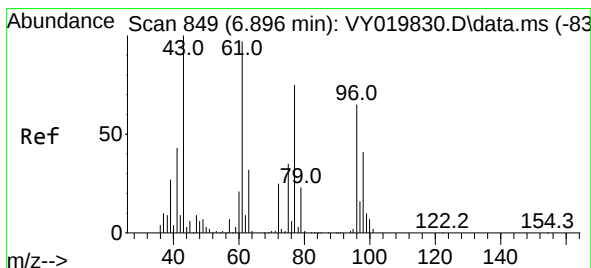
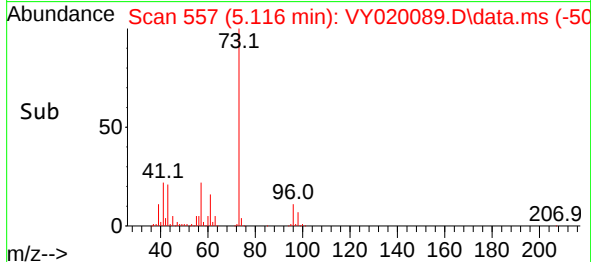
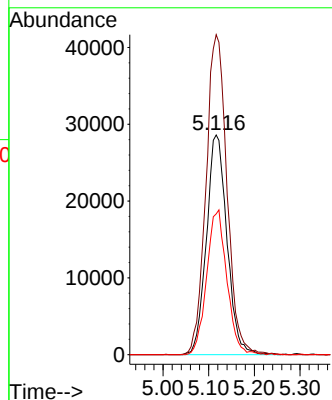
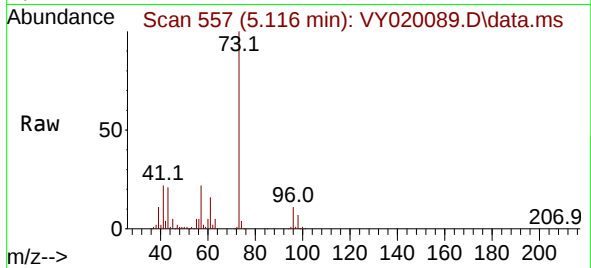




#21
trans-1,2-Dichloroethene
Concen: 29.290 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

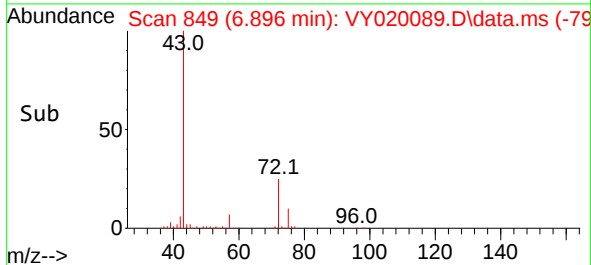
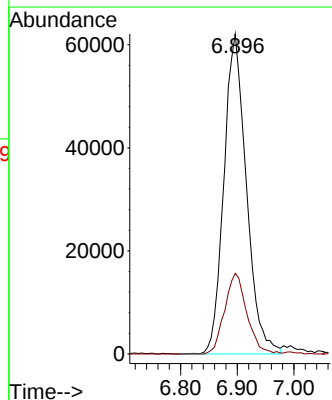
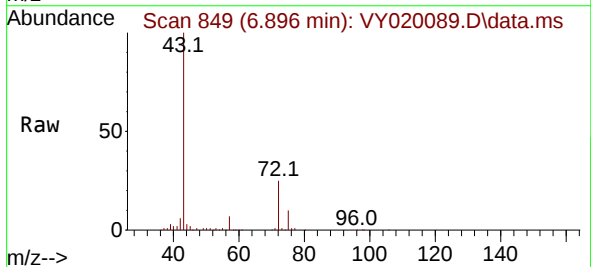
Instrument :
MSVOA_Y
ClientSampleId :

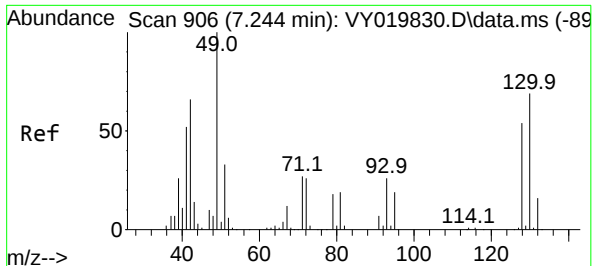
Tgt Ion: 96 Resp: 89531
Ion Ratio Lower Upper
96 100
61 145.7 97.5 146.3
98 64.1 50.5 75.7



#25
2-Butanone
Concen: 172.935 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 43 Resp: 170888
Ion Ratio Lower Upper
43 100
72 25.2 27.3 40.9#





#28

Bromochloromethane

Concen: 37.531 ug/l

RT: 7.421 min Scan# 91

Delta R.T. 0.177 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

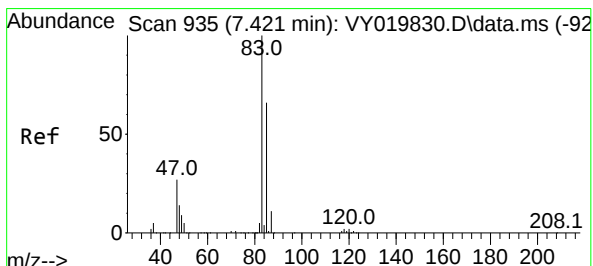
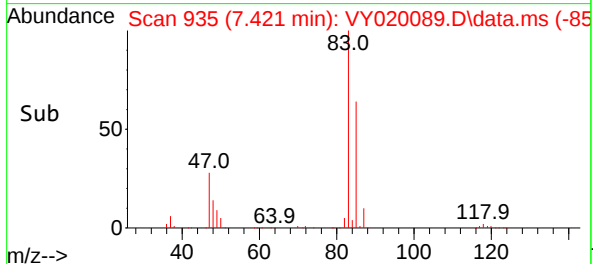
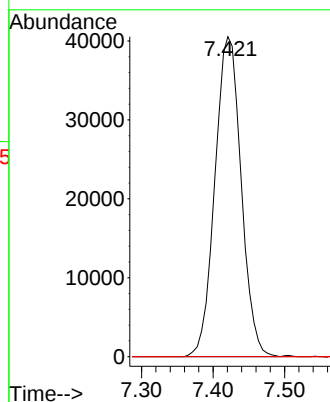
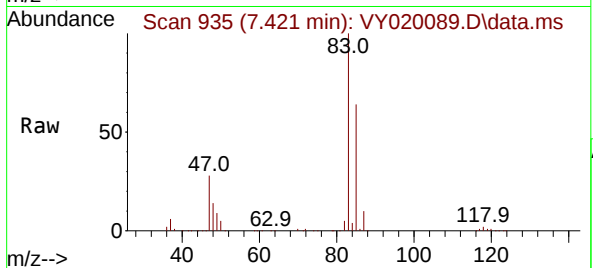
Tgt Ion: 49 Resp: 103263

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 72.7 109.1#



#30

Chloroform

Concen: 192.854 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY020089.D

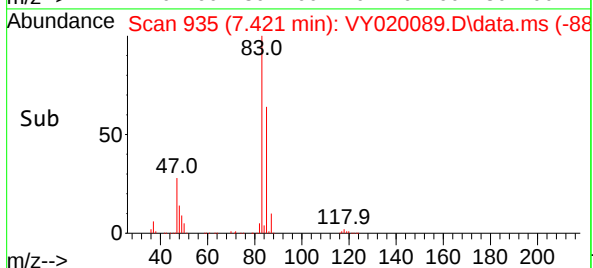
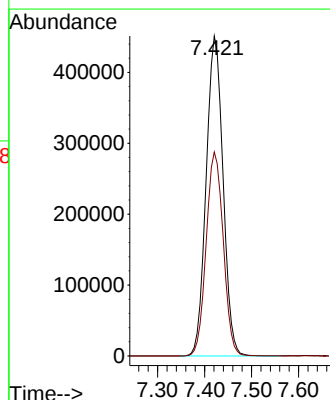
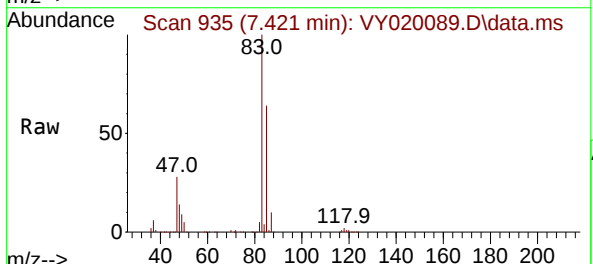
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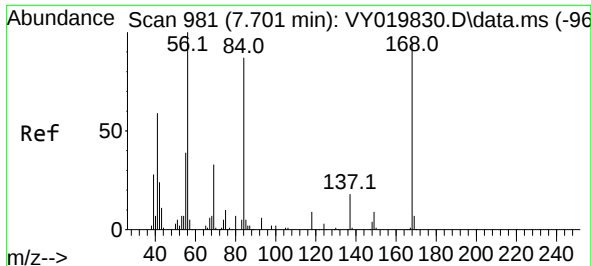
Tgt Ion: 83 Resp: 1124488

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.4

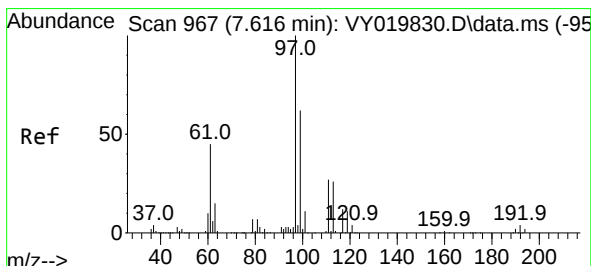
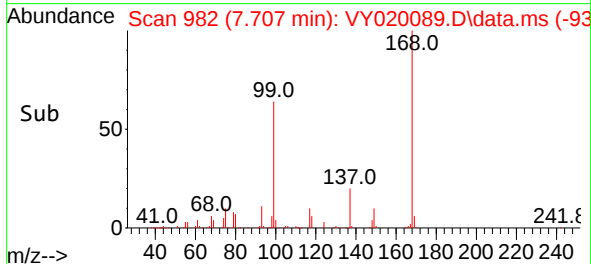
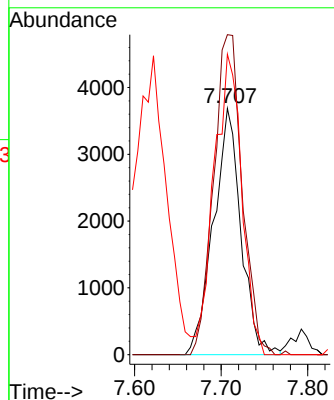
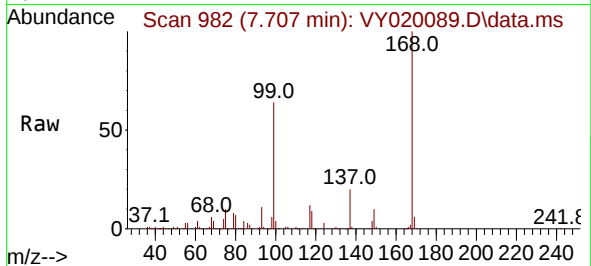




#31
Cyclohexane
Concen: 1.426 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

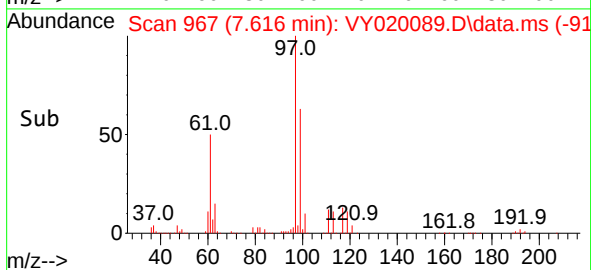
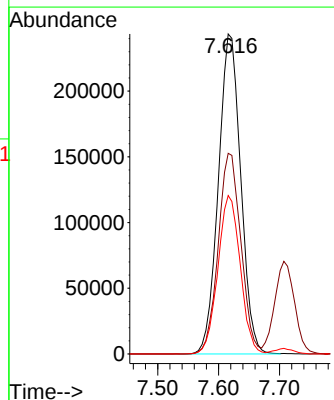
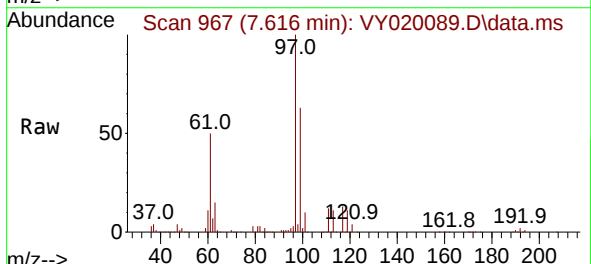
Instrument :
MSVOA_Y
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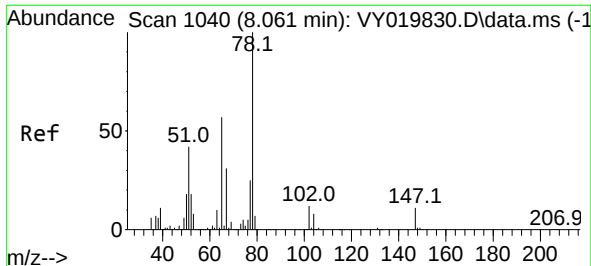
Tgt Ion: 56 Resp: 8111
Ion Ratio Lower Upper
56 100
69 129.9 28.7 43.1#
84 122.0 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 121.885 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 97 Resp: 620478
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 49.5 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 49.844 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

Instrument :

MSVOA_Y

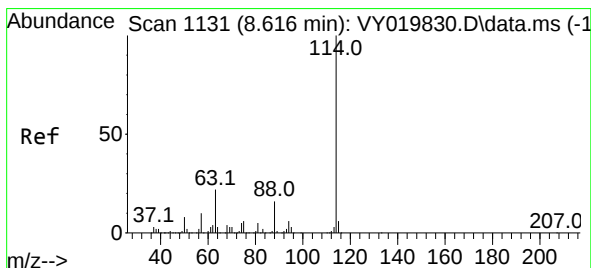
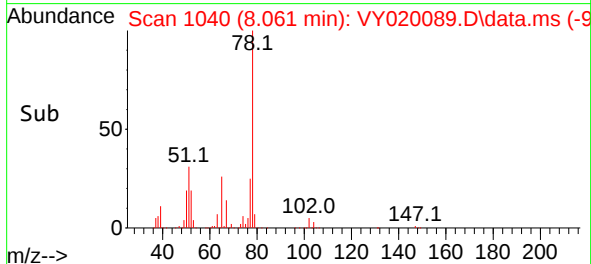
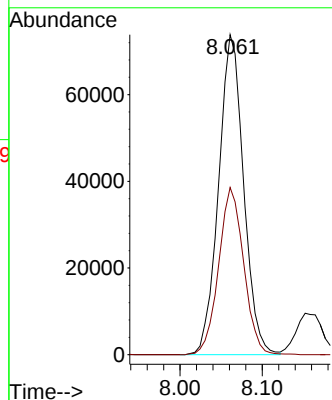
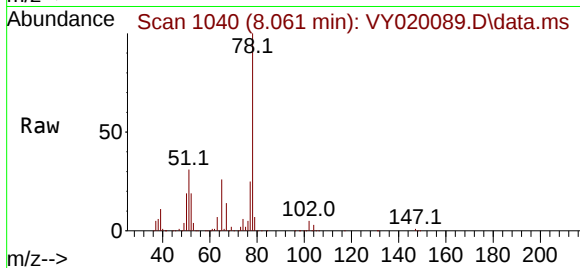
ClientSampleId :

Tgt Ion: 65 Resp: 156245

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

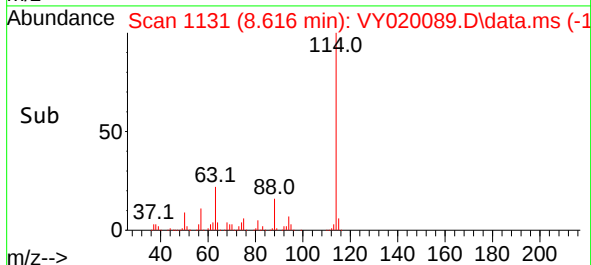
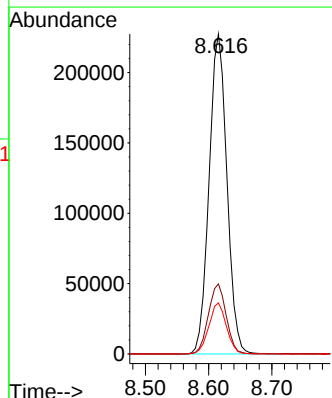
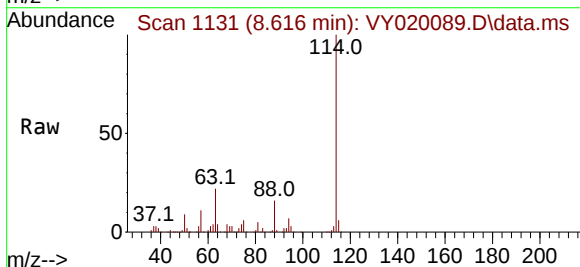
Tgt Ion: 114 Resp: 444591

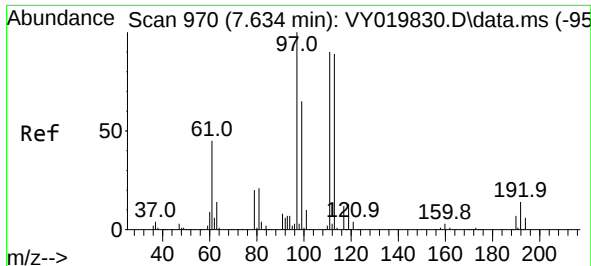
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

88 15.9 0.0 27.2

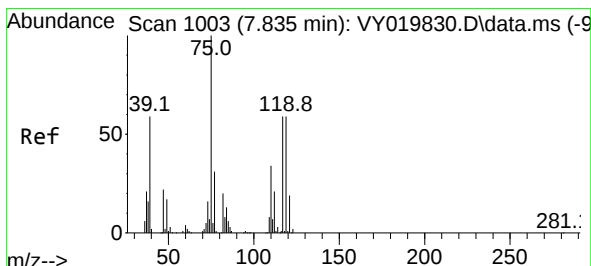
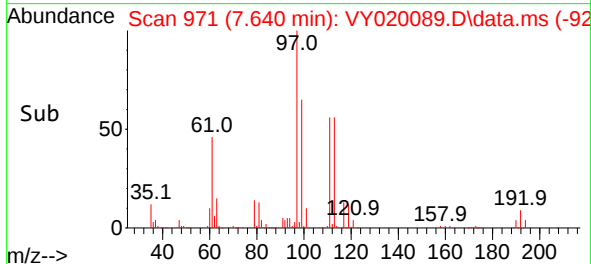
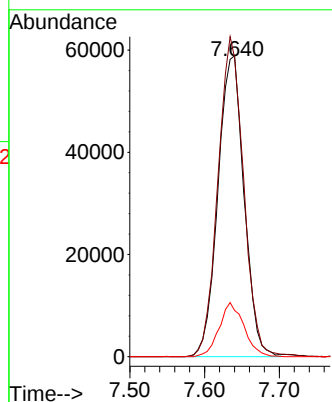
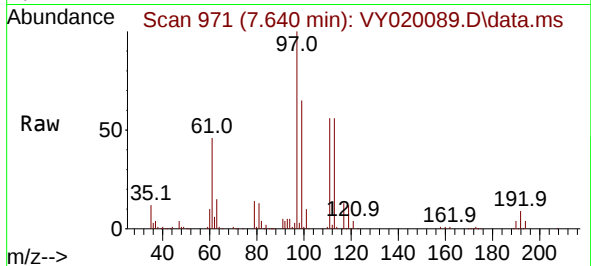




#35
Dibromofluoromethane
Concen: 50.546 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

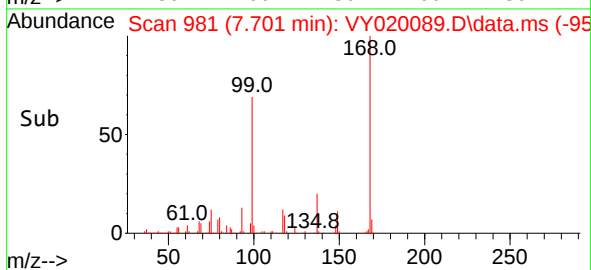
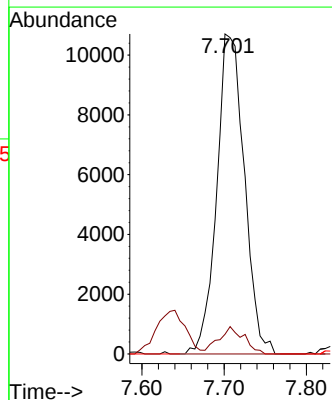
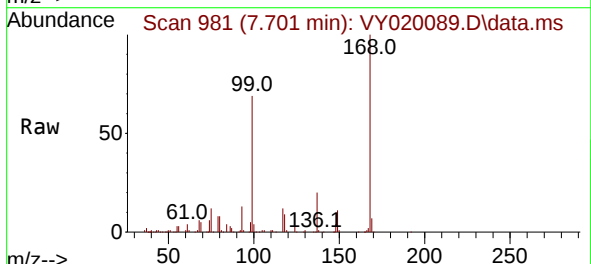
Instrument :
MSVOA_Y
ClientSampleId :

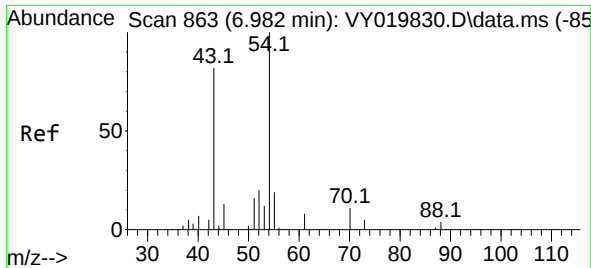
Tgt Ion:113 Resp: 142878
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 17.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.720 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 75 Resp: 24979
Ion Ratio Lower Upper
75 100
110 7.8 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 82.085 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

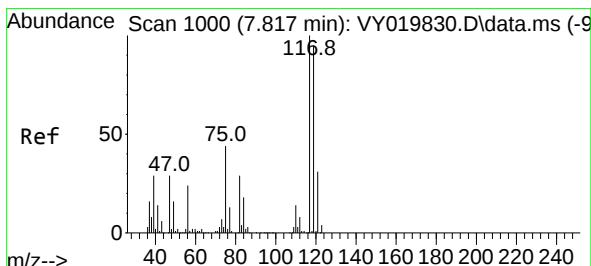
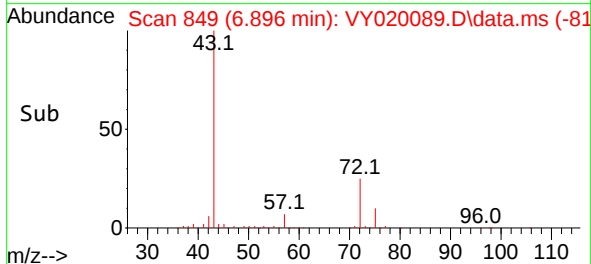
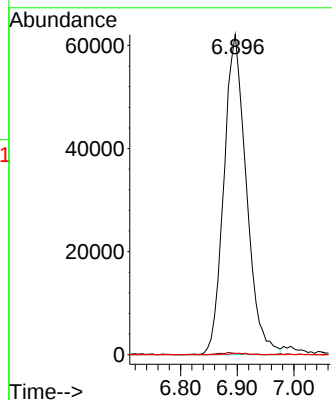
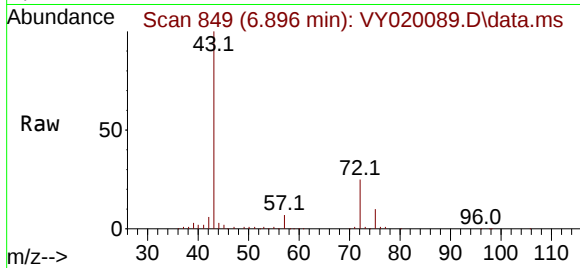
Tgt Ion: 43 Resp: 170888

Ion Ratio Lower Upper

43 100

61 0.7 12.6 19.0#

70 0.3 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 6.331 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

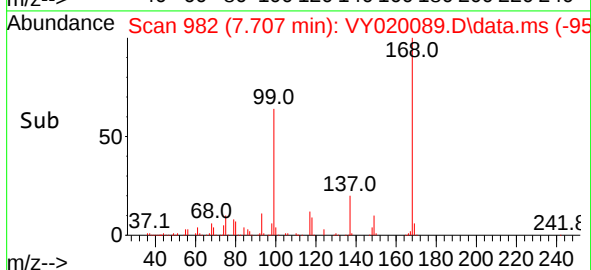
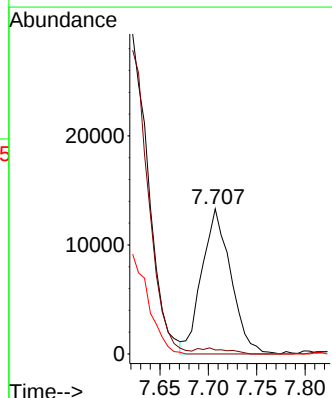
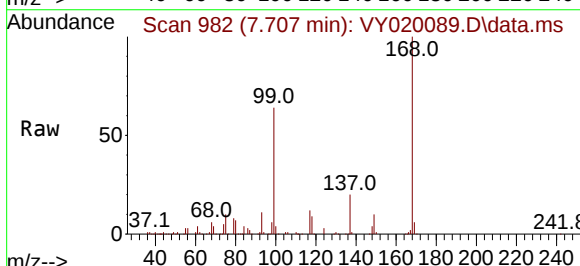
Tgt Ion: 117 Resp: 27798

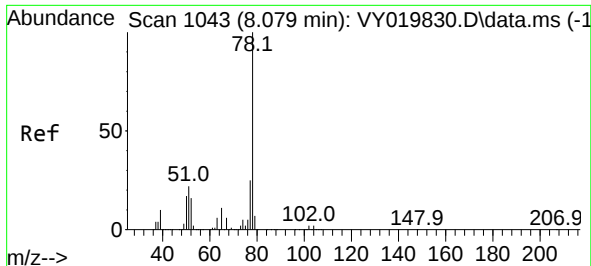
Ion Ratio Lower Upper

117 100

119 2.8 75.8 113.6#

121 0.0 24.0 36.0#

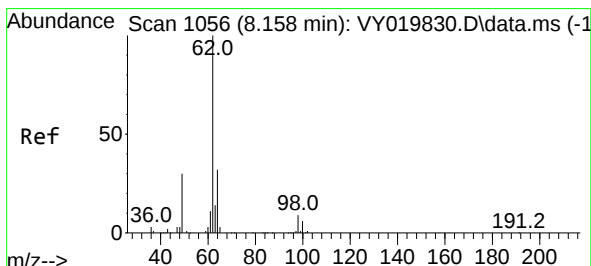
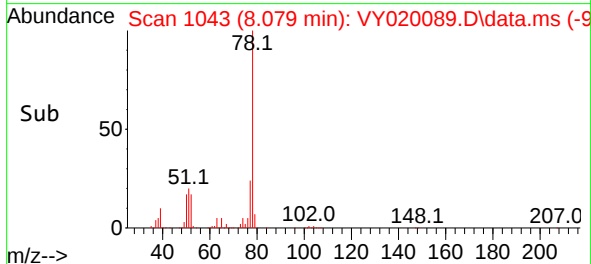
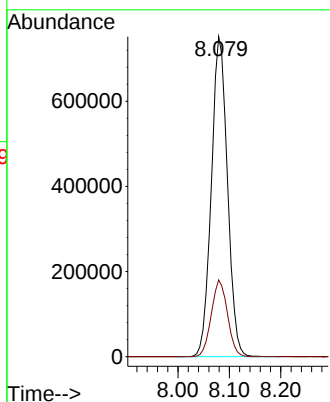
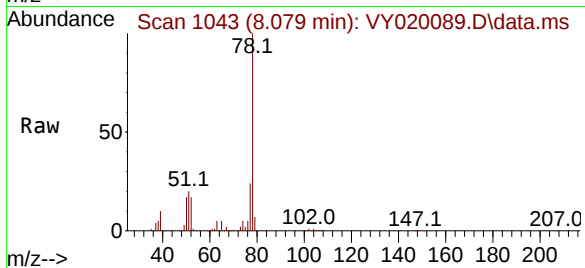




#40
Benzene
Concen: 128.200 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

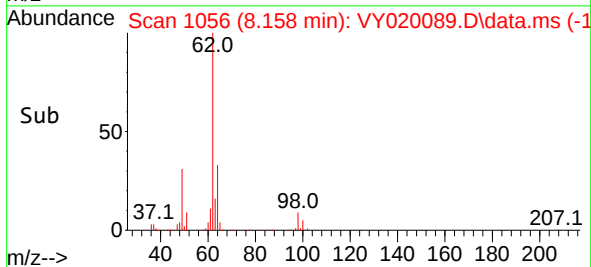
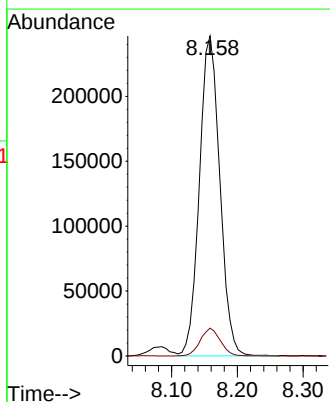
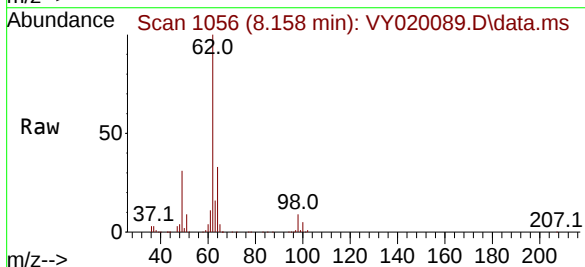
Instrument :
MSVOA_Y
ClientSampleId :

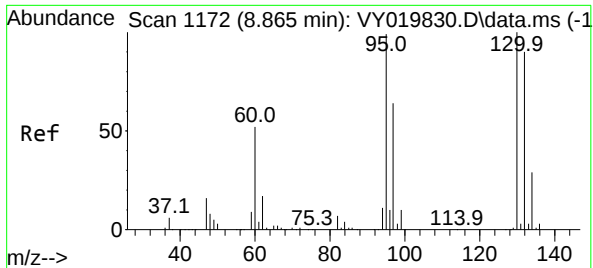
Tgt Ion: 78 Resp: 1633952
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3



#42
1,2-Dichloroethane
Concen: 150.859 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 62 Resp: 532217
Ion Ratio Lower Upper
62 100
98 8.6 0.0 22.0

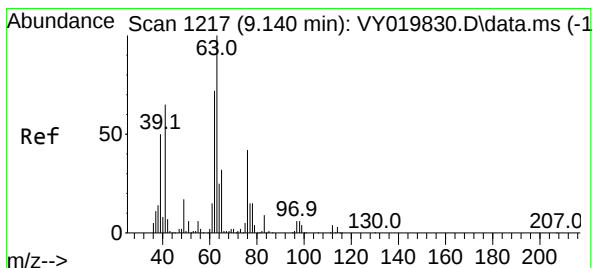
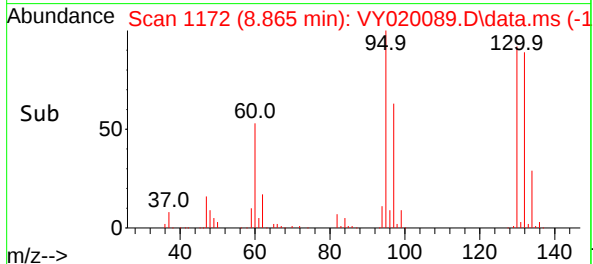
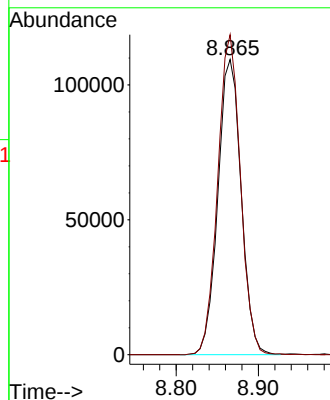
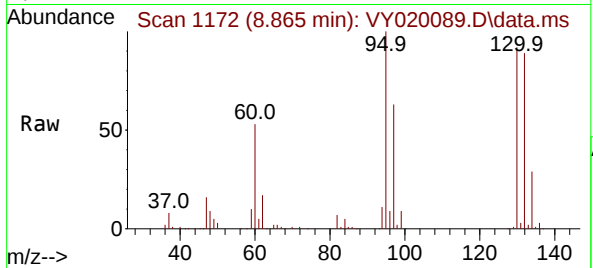




#44
Trichloroethene
Concen: 73.025 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

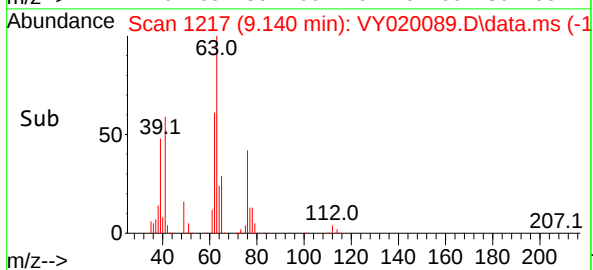
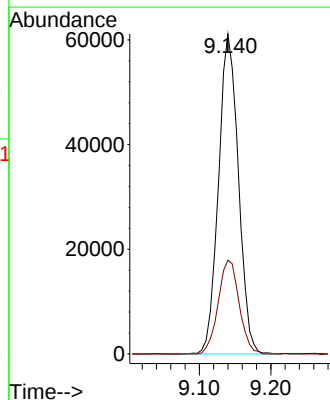
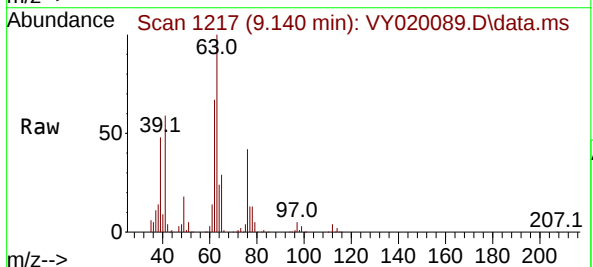
Instrument :
MSVOA_Y
ClientSampleId :

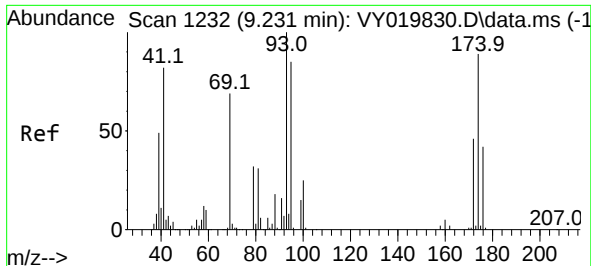
Tgt Ion:130 Resp: 215715
Ion Ratio Lower Upper
130 100
95 108.4 0.0 188.0



#45
1,2-Dichloropropane
Concen: 38.650 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 63 Resp: 117857
Ion Ratio Lower Upper
63 100
65 29.3 25.4 38.2

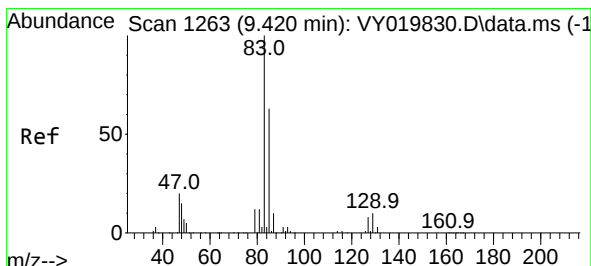
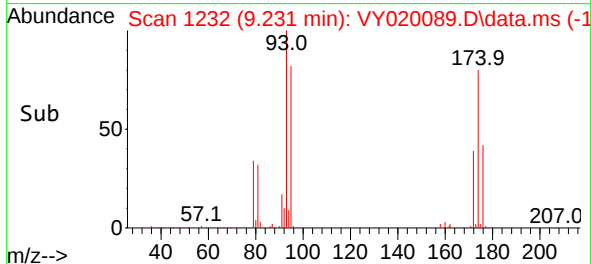
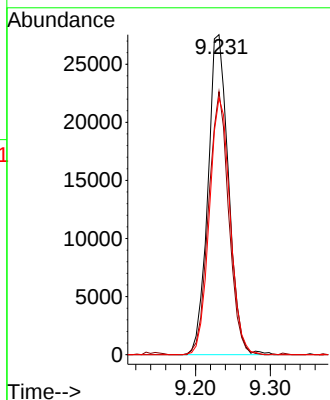
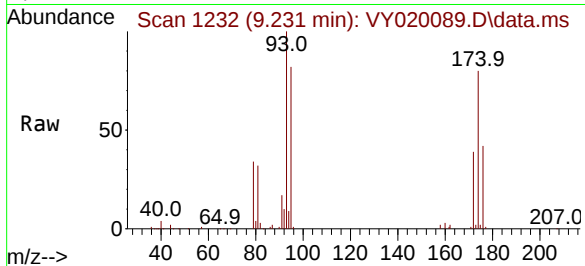




#46
Dibromomethane
Concen: 31.889 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

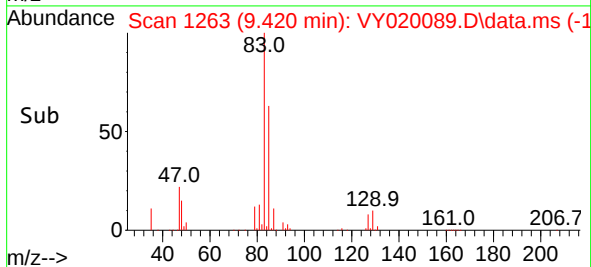
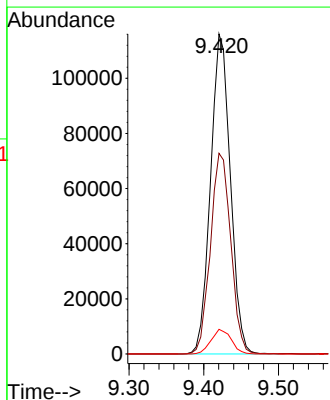
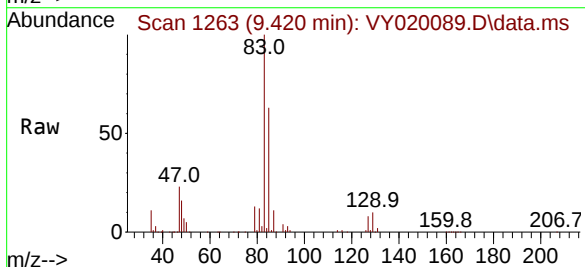
Instrument :
MSVOA_Y
ClientSampleId :

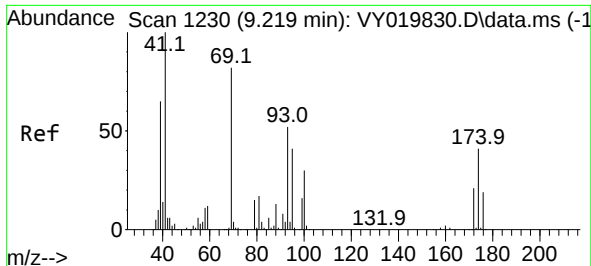
Tgt Ion: 93 Resp: 52690
Ion Ratio Lower Upper
93 100
95 79.9 66.2 99.4
174 80.5 80.9 121.3#



#47
Bromodichloromethane
Concen: 49.426 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 83 Resp: 213940
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 7.7 7.4 11.0

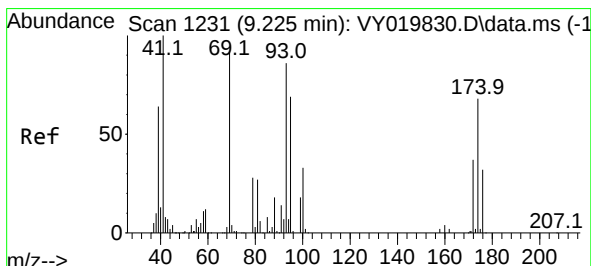
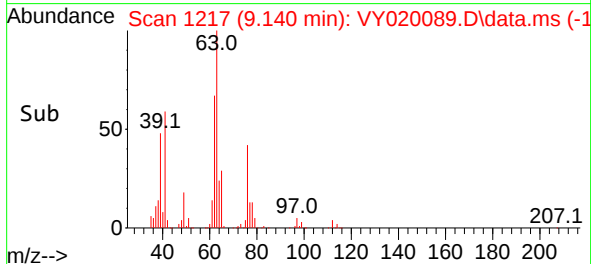
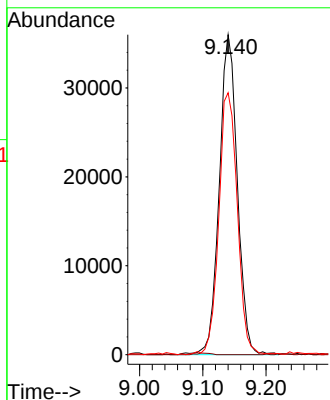
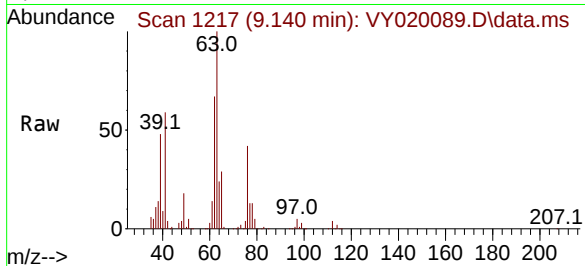




#48
Methyl methacrylate
Concen: 38.409 ug/l
RT: 9.140 min Scan# 11
Delta R.T. -0.079 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

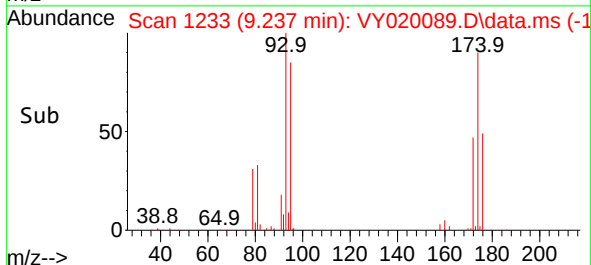
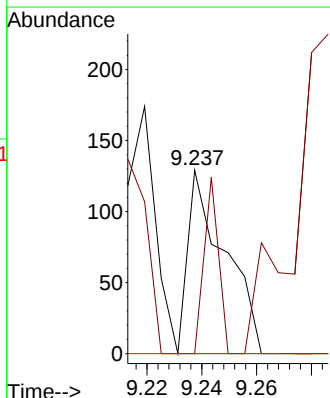
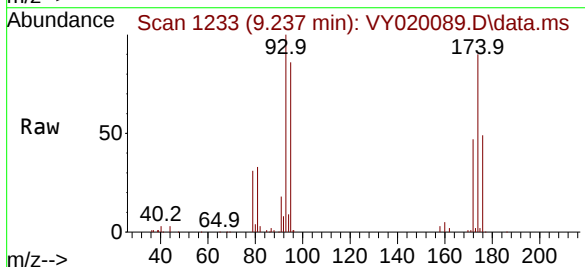
Instrument :
MSVOA_Y
ClientSampleId :

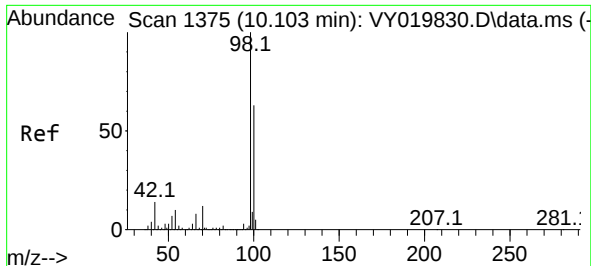
Tgt Ion: 41 Resp: 71222
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 83.8 43.6 65.4#



#49
1,4-Dioxane
Concen: 7.113 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
43 37.2 0.0 0.0#
58 0.0 49.3 73.9#

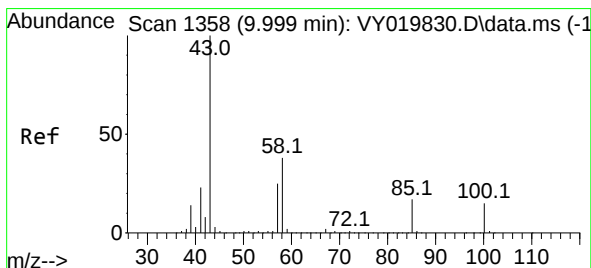
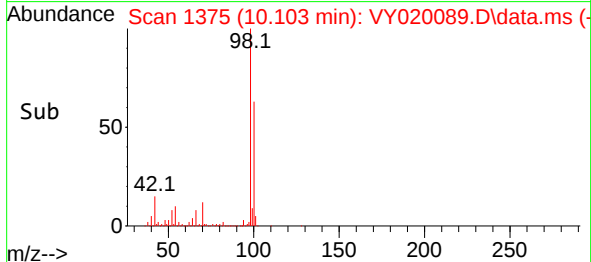
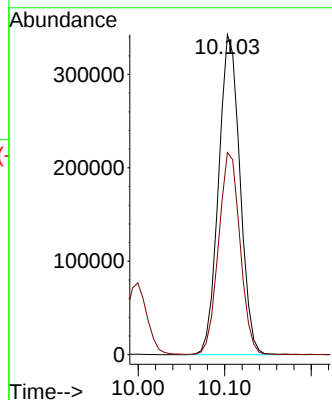
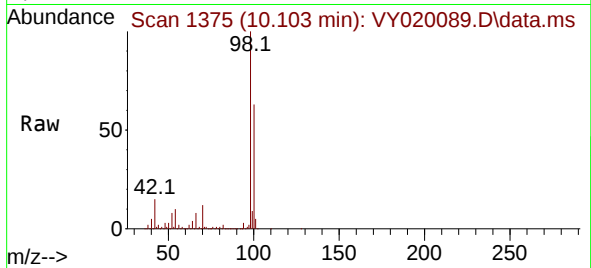




#50
Toluene-d8
Concen: 52.088 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

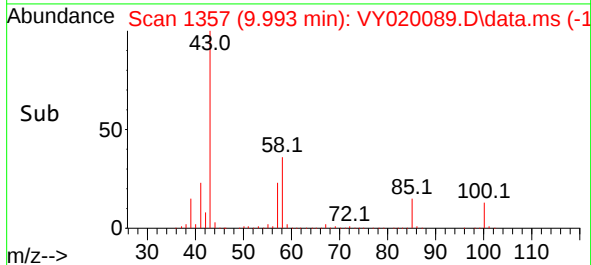
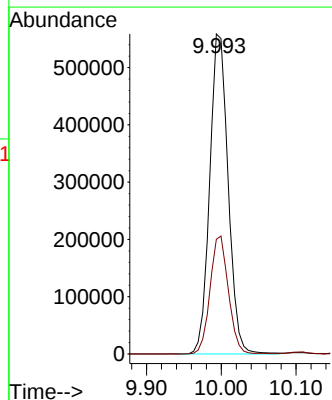
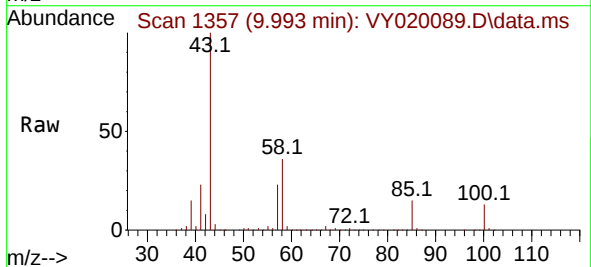
Instrument :
MSVOA_Y
ClientSampleId :

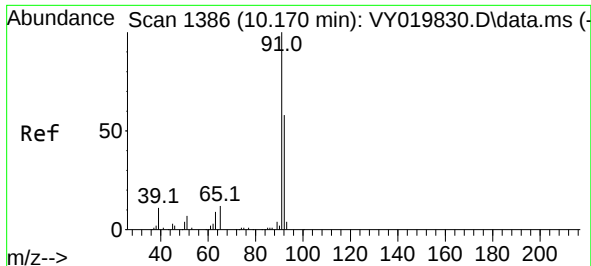
Tgt Ion: 98 Resp: 586070
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 464.755 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 43 Resp: 958691
Ion Ratio Lower Upper
43 100
58 36.7 35.7 53.5

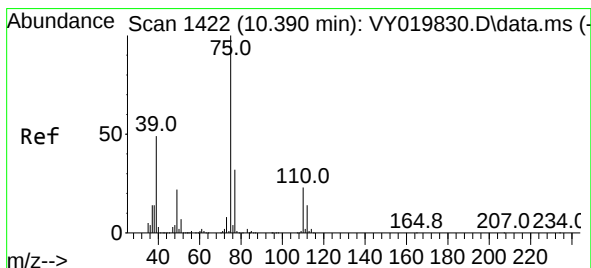
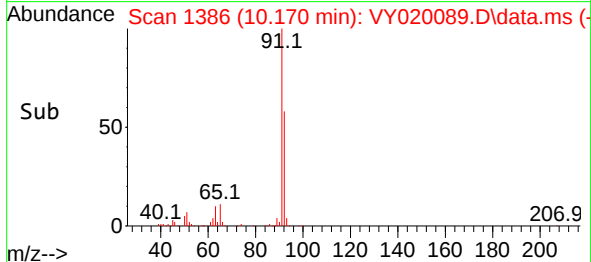
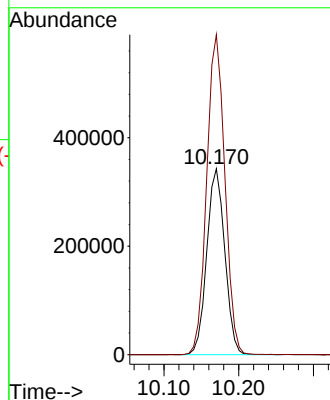
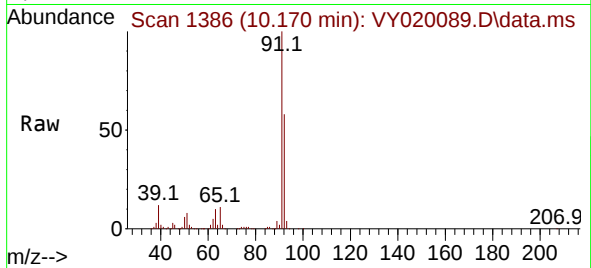




#52
Toluene
Concen: 72.893 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

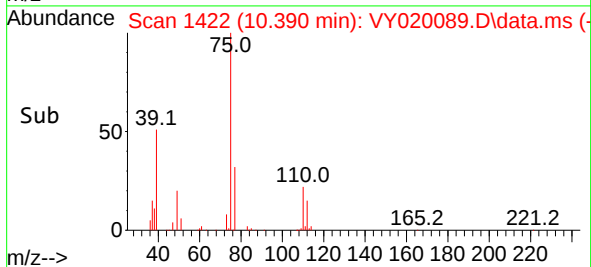
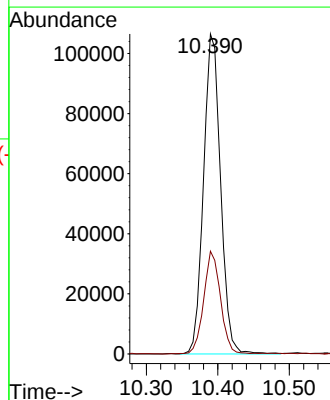
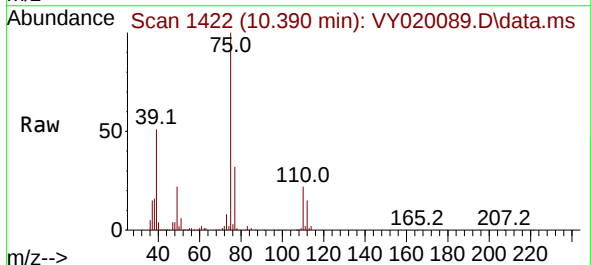
Instrument :
MSVOA_Y
ClientSampleId :

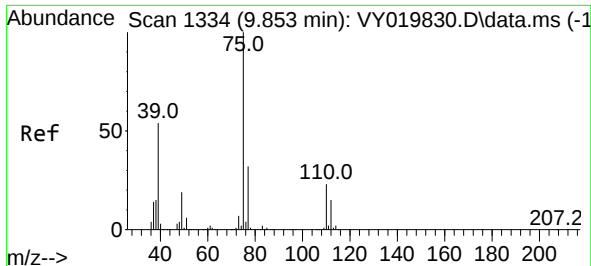
Tgt Ion: 92 Resp: 572690
Ion Ratio Lower Upper
92 100
91 173.6 139.0 208.6



#53
t-1,3-Dichloropropene
Concen: 46.169 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

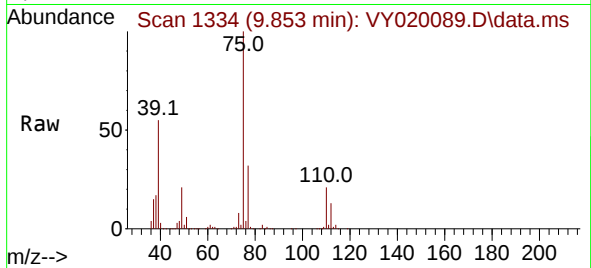
Tgt Ion: 75 Resp: 176472
Ion Ratio Lower Upper
75 100
77 31.9 24.1 36.1



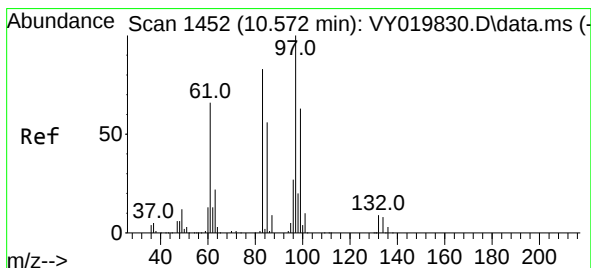
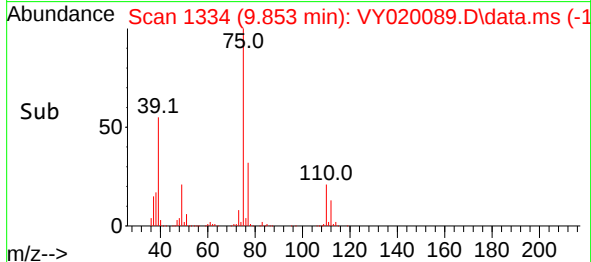
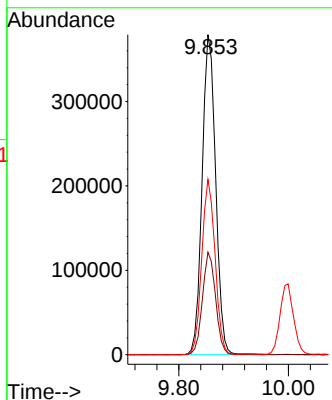


#54
 cis-1,3-Dichloropropene
 Concen: 142.233 ug/l
 RT: 9.853 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020089.D
 Acq: 31 Oct 2024 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :

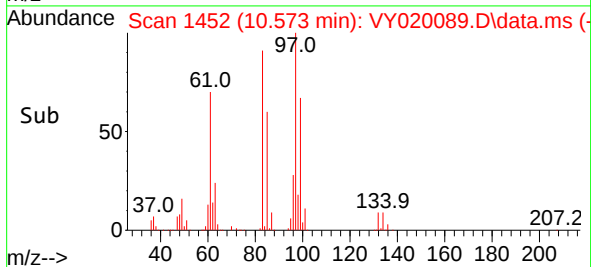
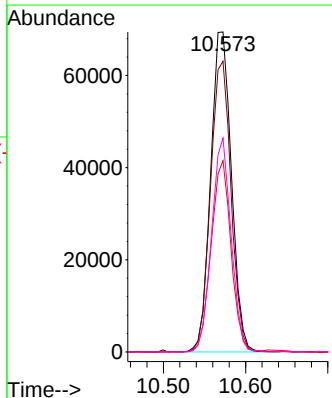
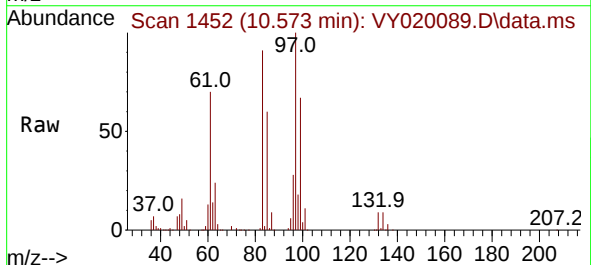


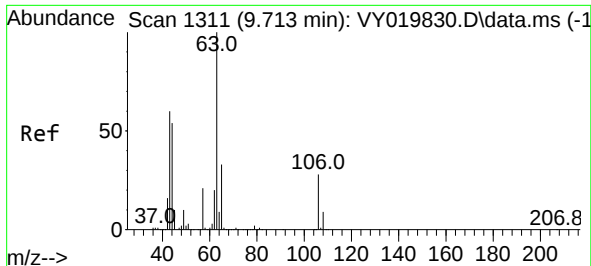
Tgt Ion: 75 Resp: 648899
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 54.7 29.8 44.6#



#55
 1,1,2-Trichloroethane
 Concen: 59.348 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY020089.D
 Acq: 31 Oct 2024 13:05

Tgt Ion: 97 Resp: 121922
 Ion Ratio Lower Upper
 97 100
 83 90.8 67.5 101.3
 85 59.8 42.9 64.3
 99 66.9 46.6 70.0

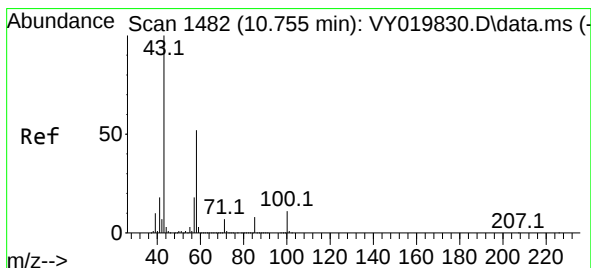
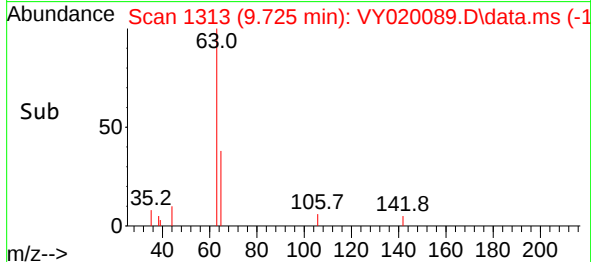
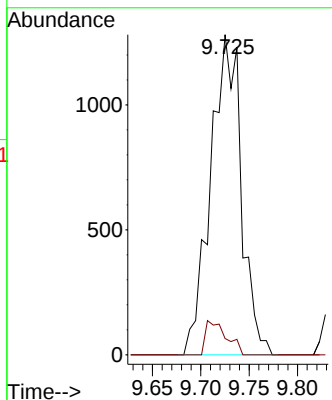
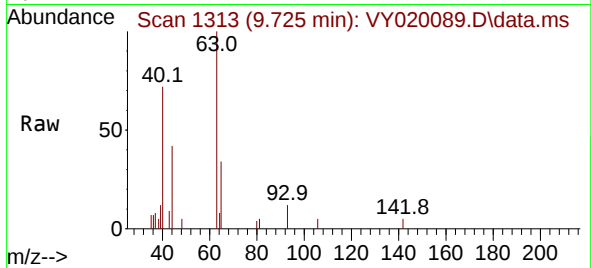




#58
2-Chloroethyl Vinyl ether
Concen: 1.942 ug/l
RT: 9.725 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

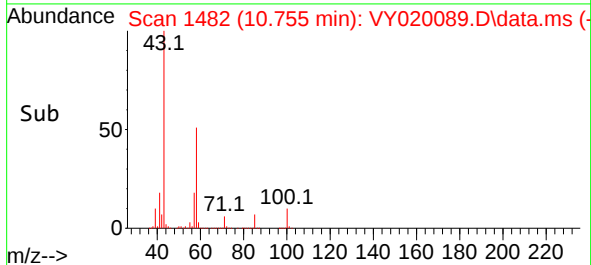
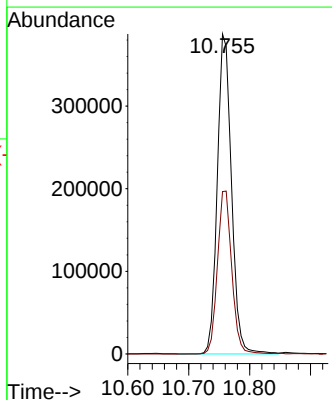
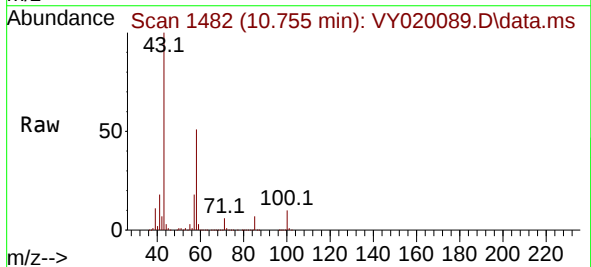
Instrument :
MSVOA_Y
ClientSampleId :

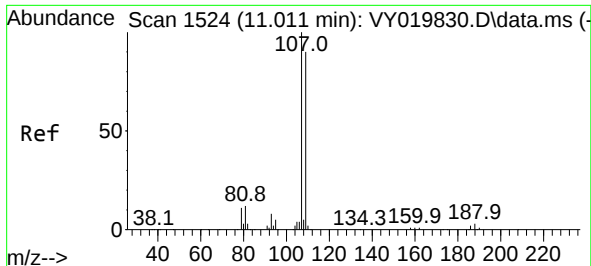
Tgt Ion: 63 Resp: 2822
Ion Ratio Lower Upper
63 100
106 7.2 23.7 35.5#



#59
2-Hexanone
Concen: 424.230 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 43 Resp: 627378
Ion Ratio Lower Upper
43 100
58 51.5 31.4 94.0

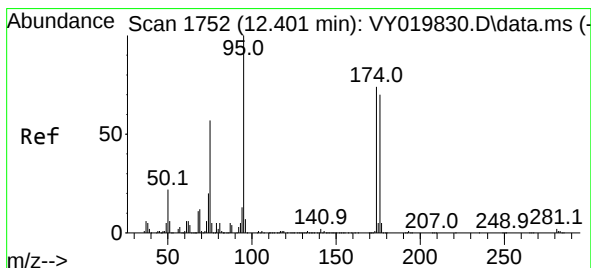
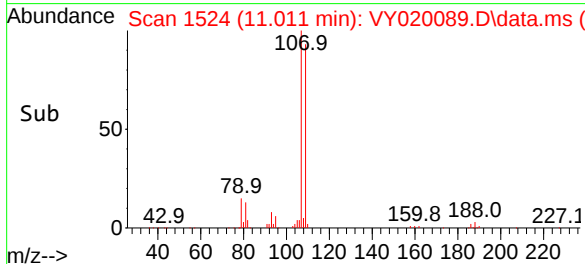
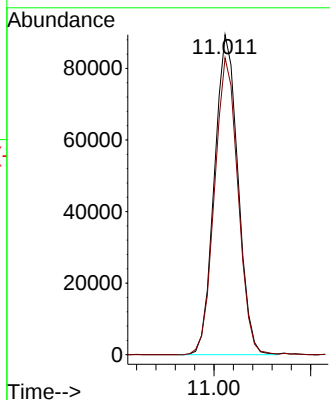
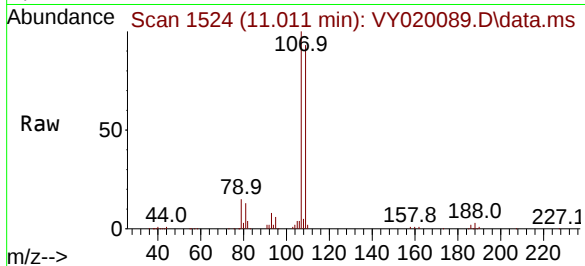




#61
1,2-Dibromoethane
Concen: 78.847 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

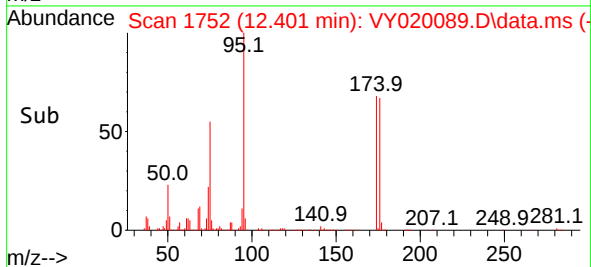
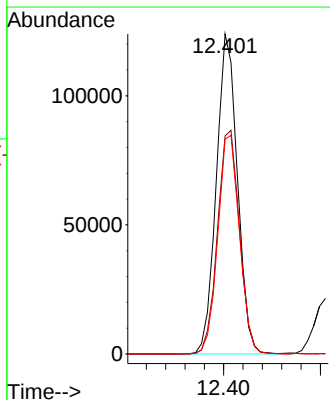
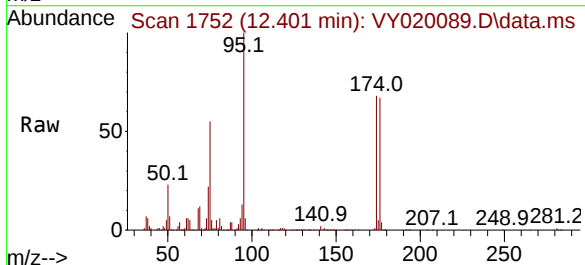
Instrument :
MSVOA_Y
ClientSampleId :

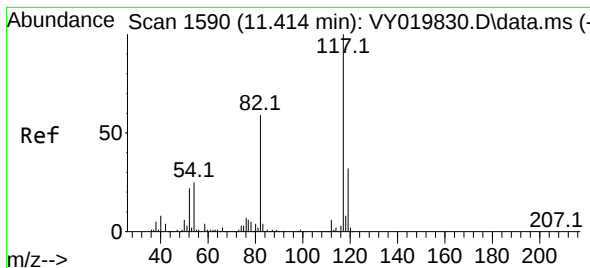
Tgt Ion:107 Resp: 150491
Ion Ratio Lower Upper
107 100
109 92.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.267 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 95 Resp: 187361
Ion Ratio Lower Upper
95 100
174 72.9 0.0 175.6
176 70.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

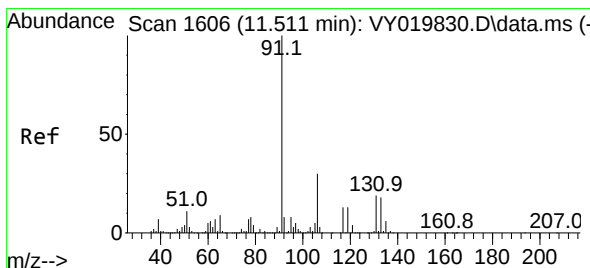
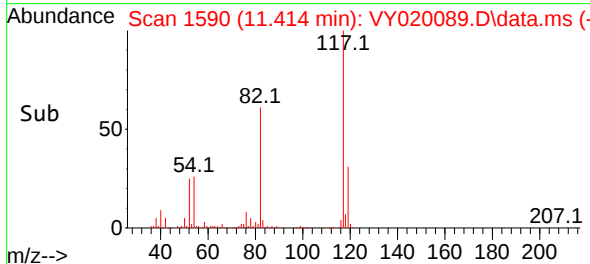
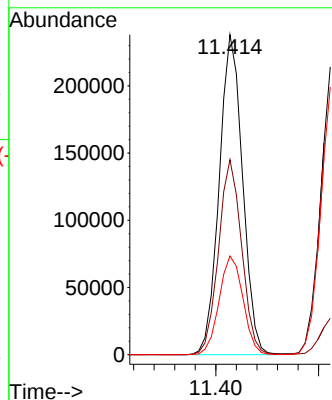
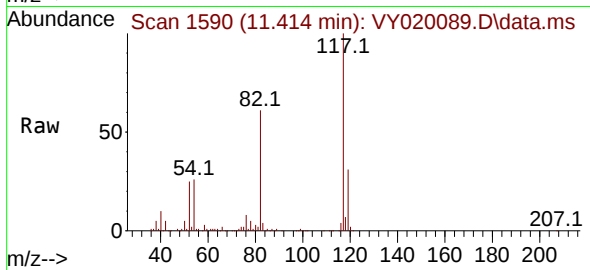
Tgt Ion:117 Resp: 375160

Ion Ratio Lower Upper

117 100

82 61.0 42.4 63.6

119 30.9 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 192.389 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

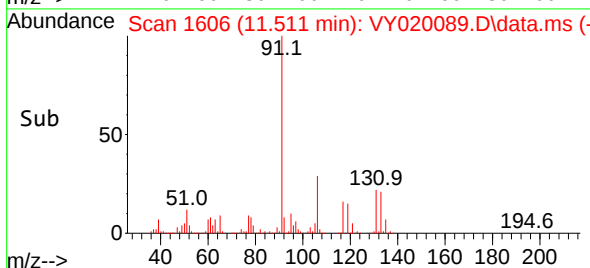
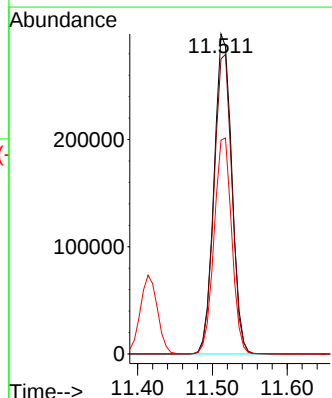
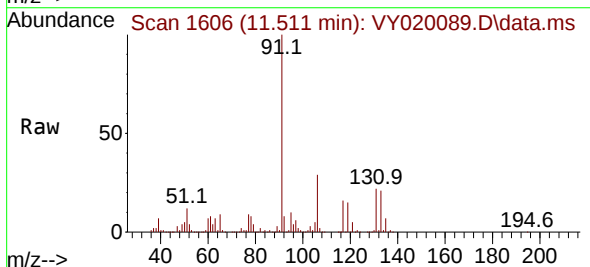
Tgt Ion:131 Resp: 491353

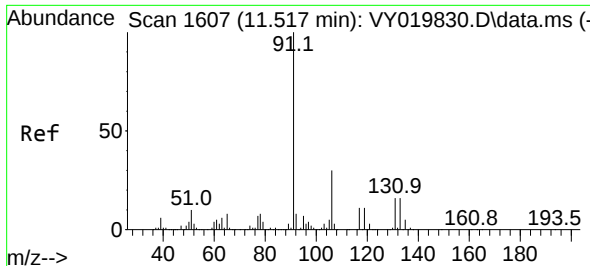
Ion Ratio Lower Upper

131 100

133 94.8 47.8 143.3

119 67.2 34.1 102.2

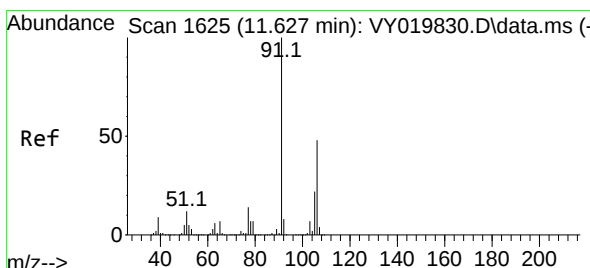
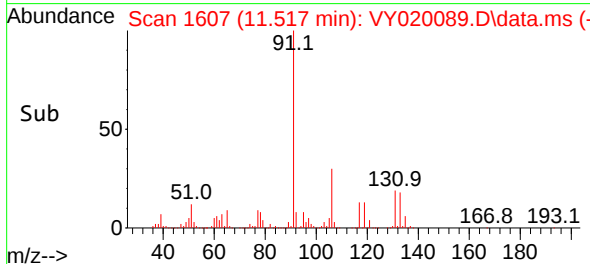
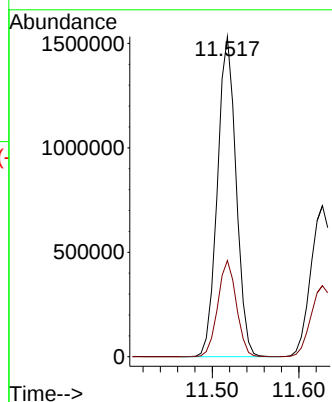
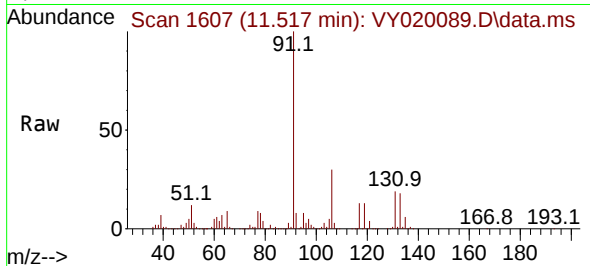




#67
Ethyl Benzene
Concen: 153.550 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

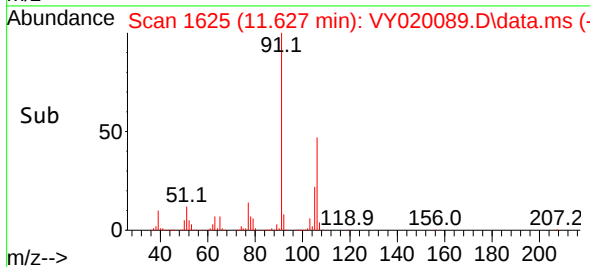
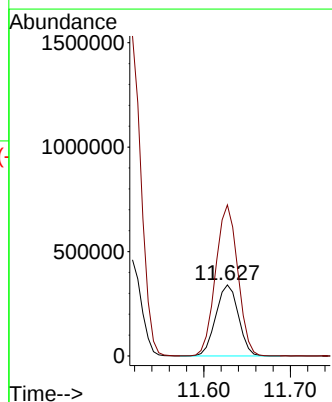
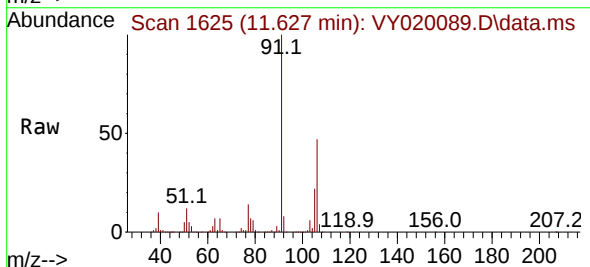
Instrument :
MSVOA_Y
ClientSampleId :

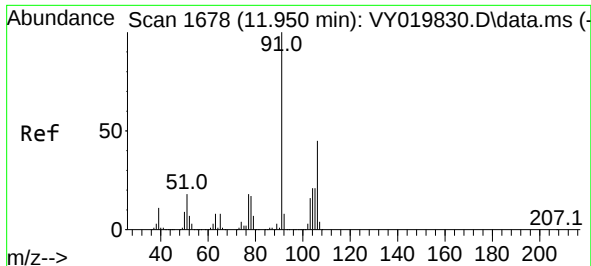
Tgt Ion: 91 Resp: 2294482
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 112.624 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion:106 Resp: 615729
Ion Ratio Lower Upper
106 100
91 208.8 156.0 234.0

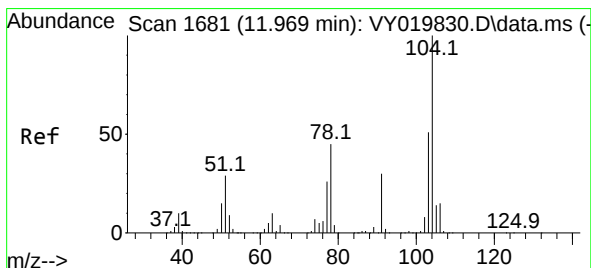
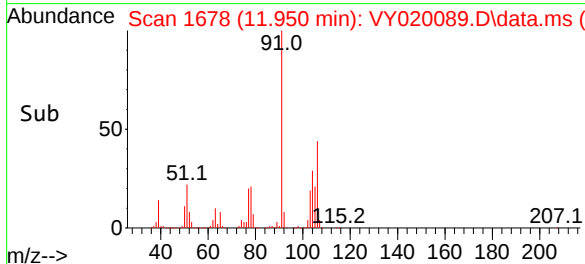
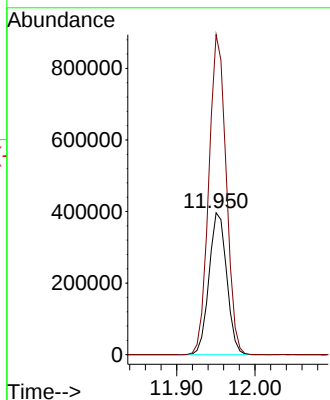
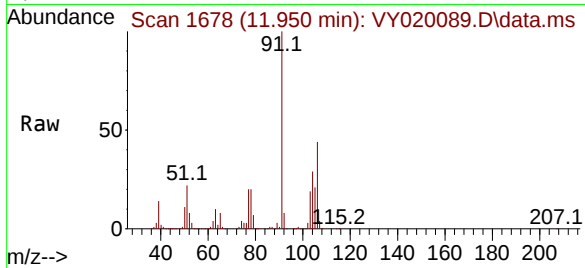




#69
o-Xylene
Concen: 119.982 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

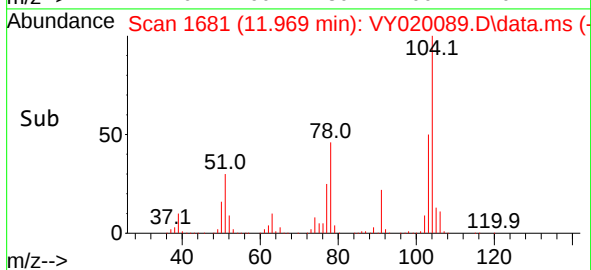
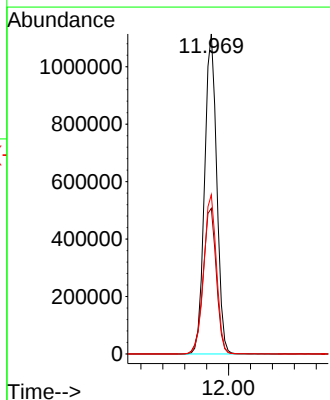
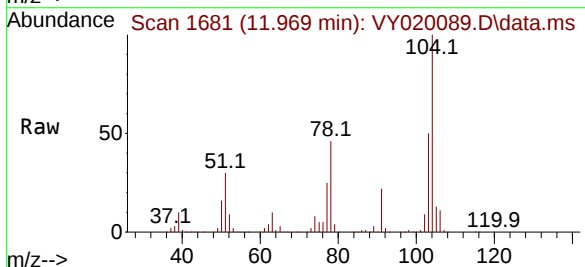
Instrument :
MSVOA_Y
ClientSampleId :

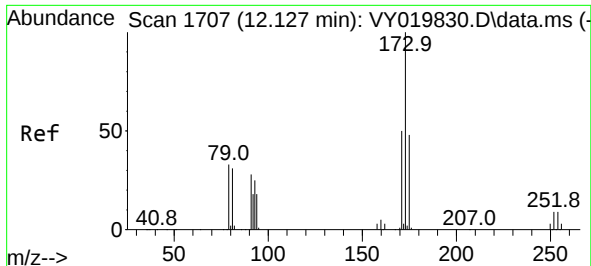
Tgt Ion:106 Resp: 621034
Ion Ratio Lower Upper
106 100
91 221.3 103.6 310.8



#70
Styrene
Concen: 199.384 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion:104 Resp: 1706368
Ion Ratio Lower Upper
104 100
78 49.4 37.0 55.4
103 52.2 44.2 66.2

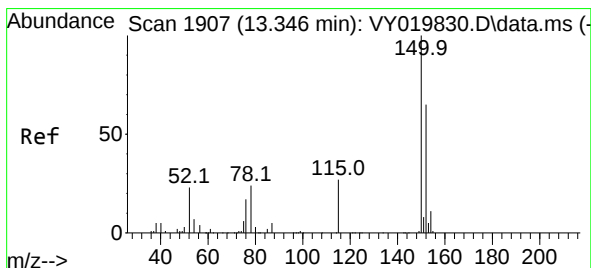
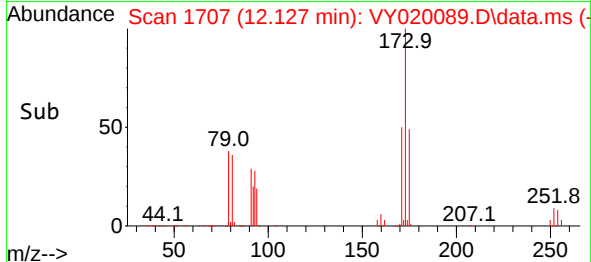
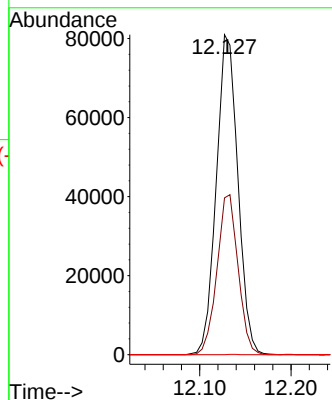
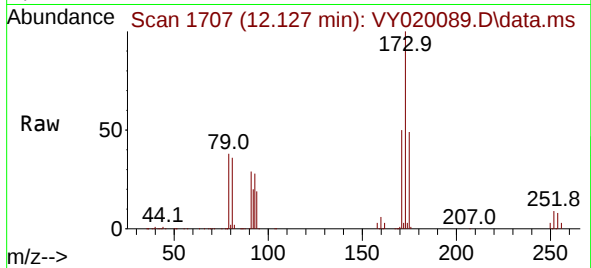




#71
Bromoform
Concen: 101.506 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

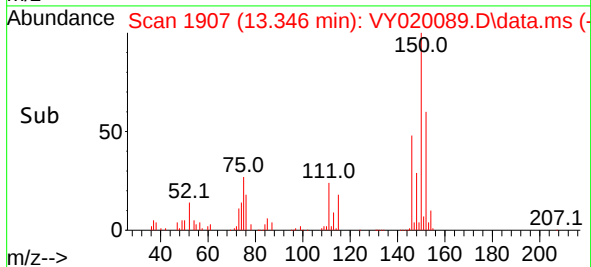
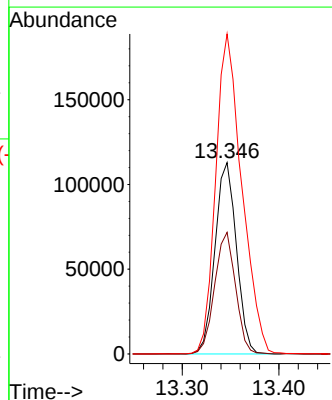
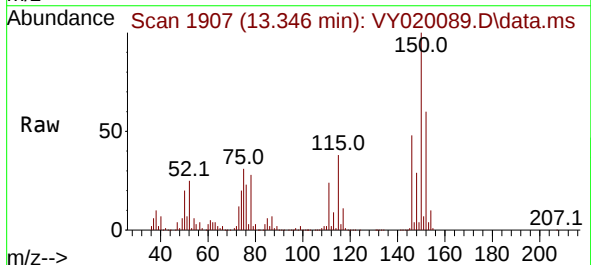
Instrument :
MSVOA_Y
ClientSampleId :

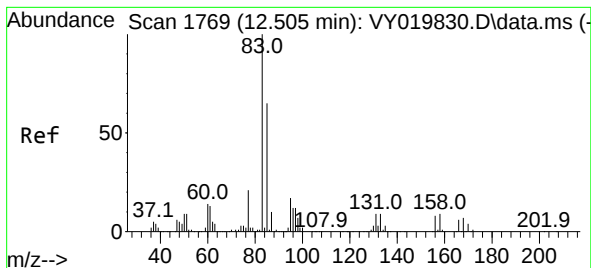
Tgt Ion:173 Resp: 132995
Ion Ratio Lower Upper
173 100
175 48.9 25.1 75.3
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion:152 Resp: 173769
Ion Ratio Lower Upper
152 100
115 62.2 28.2 84.7
150 204.0 0.0 345.6





#75

1,1,2-Tetrachloroethane

Concen: 81.761 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

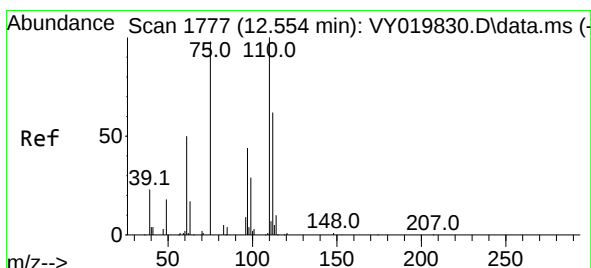
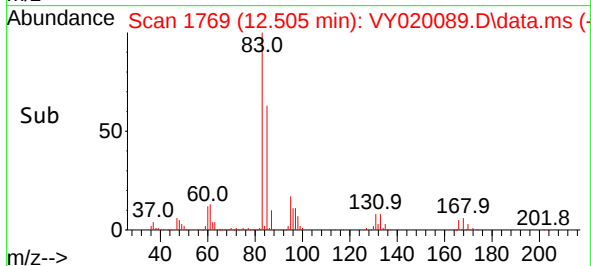
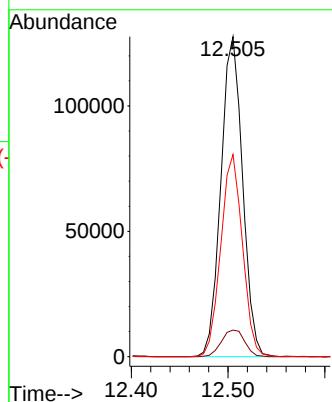
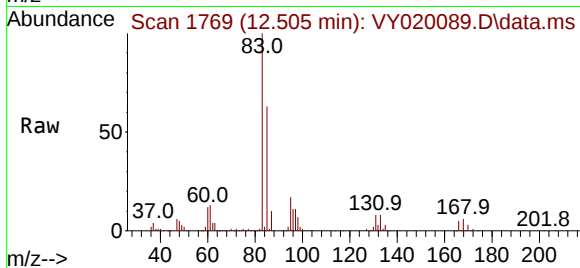
Tgt Ion: 83 Resp: 198494

Ion Ratio Lower Upper

83 100

131 9.0 5.0 14.9

85 63.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 66.052 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020089.D

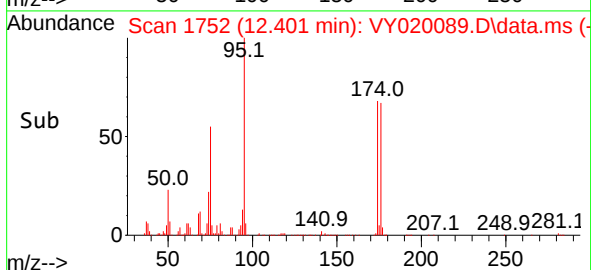
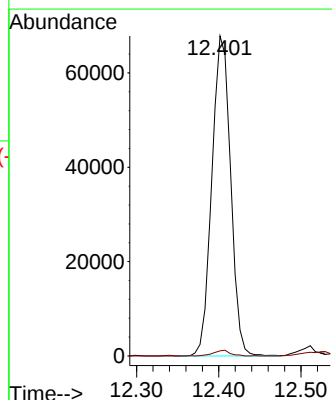
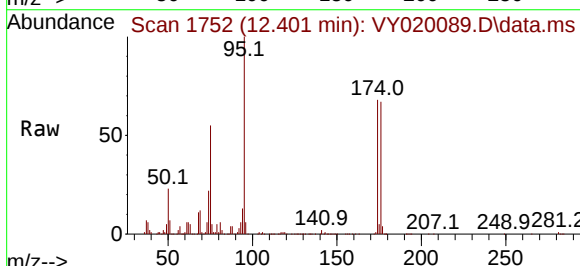
Acq: 31 Oct 2024 13:05

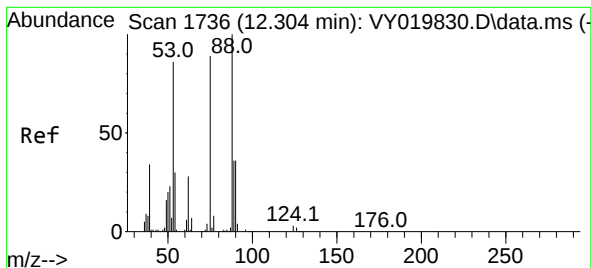
Tgt Ion: 75 Resp: 107593

Ion Ratio Lower Upper

75 100

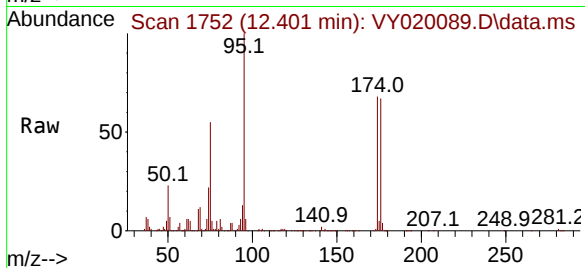
77 1.6 0.0 0.0#



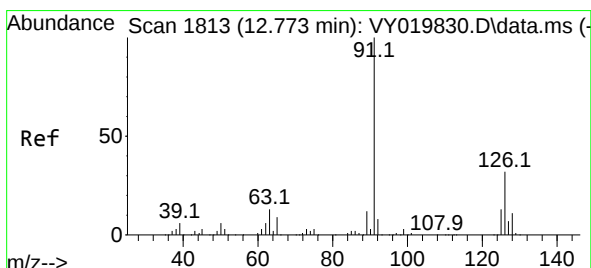
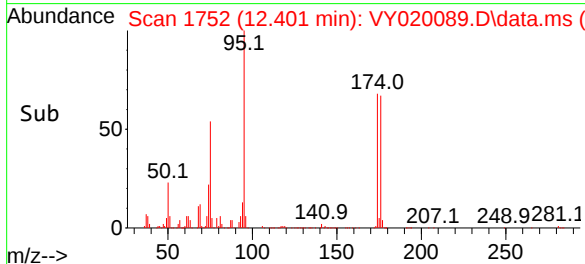
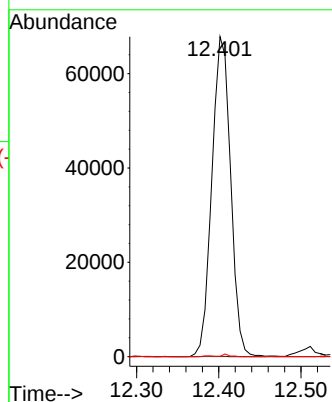


#81
trans-1,4-Dichloro-2-butene
Concen: 142.077 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :

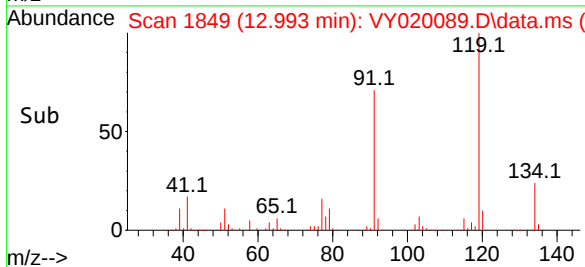
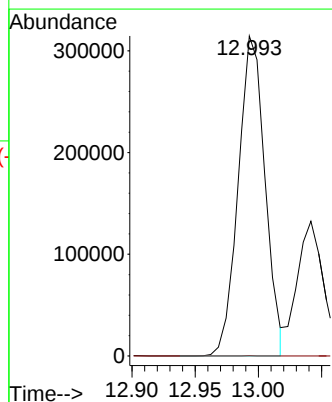
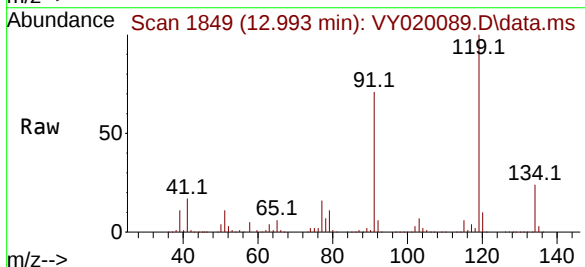


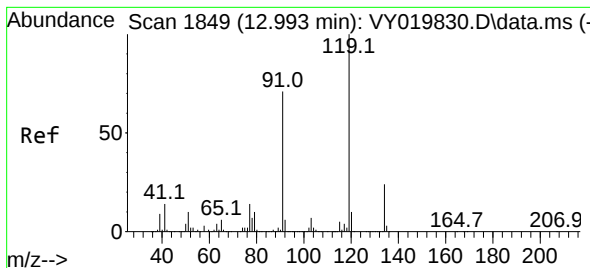
Tgt Ion: 75 Resp: 107593
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#



#82
4-Chlorotoluene
Concen: 47.427 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.214 min
Lab File: VY020089.D
Acq: 31 Oct 2024 13:05

Tgt Ion: 91 Resp: 463740
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#





#83

tert-Butylbenzene

Concen: 68.831 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

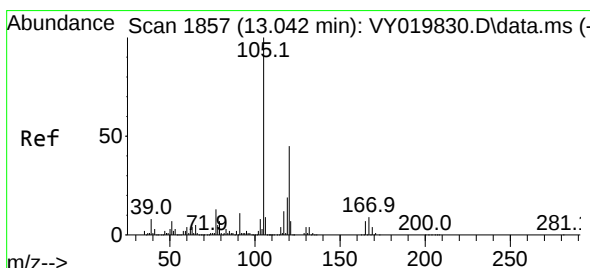
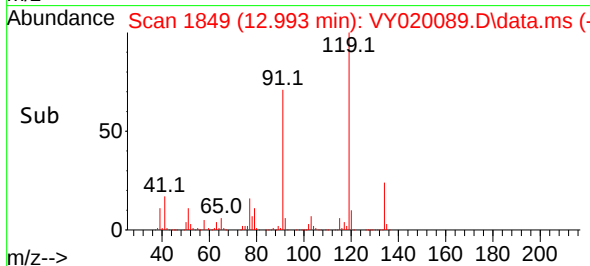
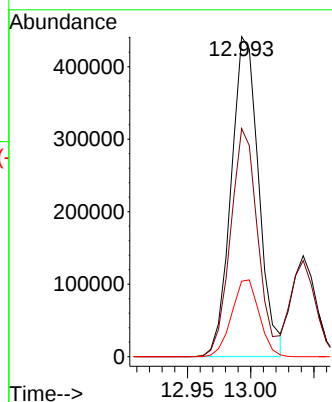
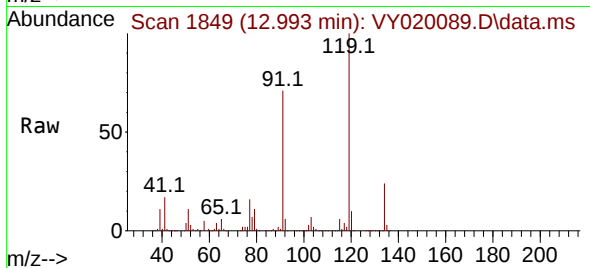
Tgt Ion:119 Resp: 670762

Ion Ratio Lower Upper

119 100

91 69.1 31.3 93.8

134 24.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 153.494 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020089.D

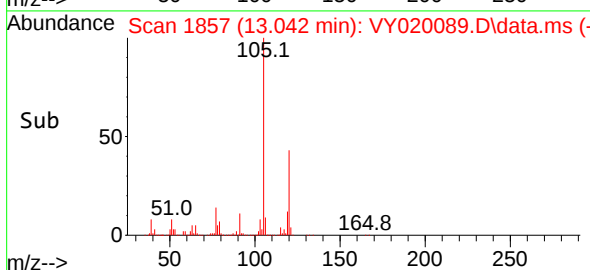
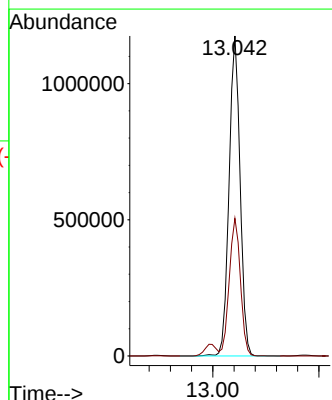
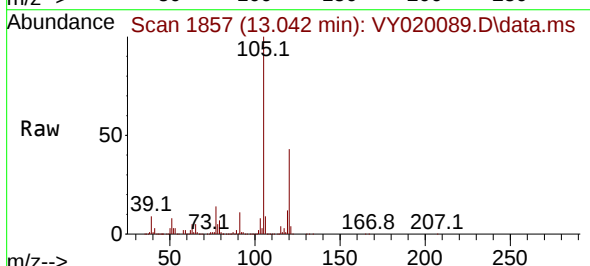
Acq: 31 Oct 2024 13:05

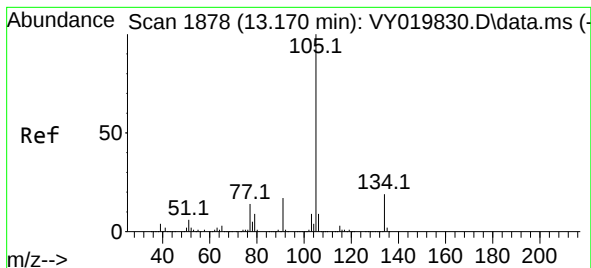
Tgt Ion:105 Resp: 1694331

Ion Ratio Lower Upper

105 100

120 43.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 113.254 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.134 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

Instrument :

MSVOA_Y

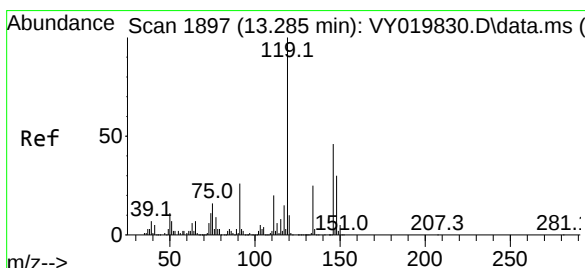
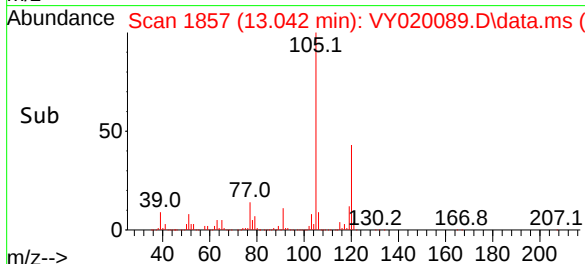
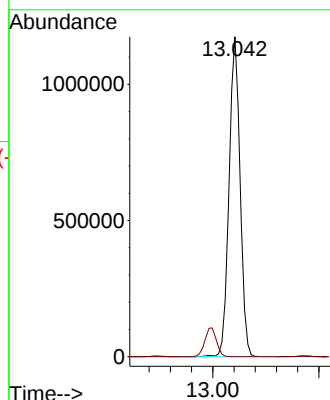
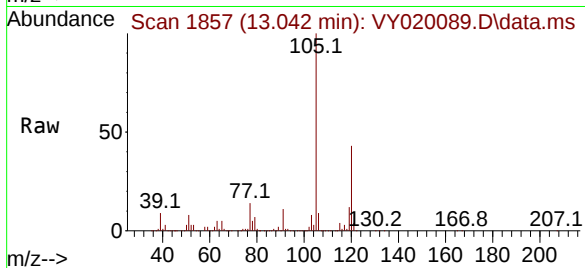
ClientSampleId :

Tgt Ion:105 Resp: 1694331

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#



#86

p-Isopropyltoluene

Concen: 15.627 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.250 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

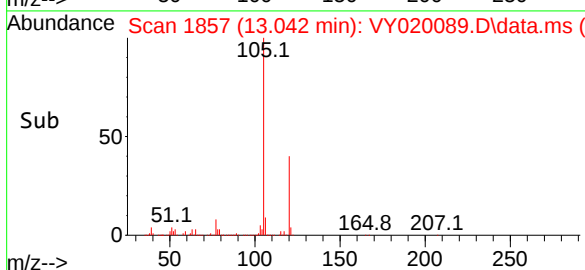
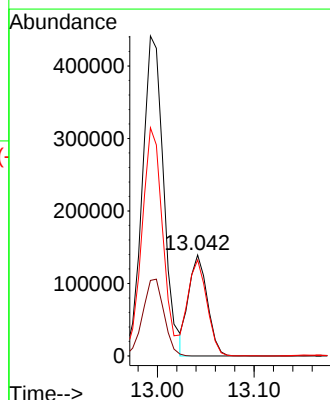
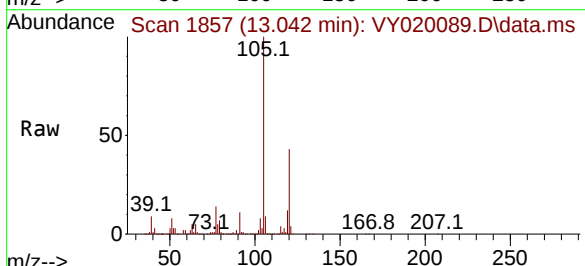
Tgt Ion:119 Resp: 187610

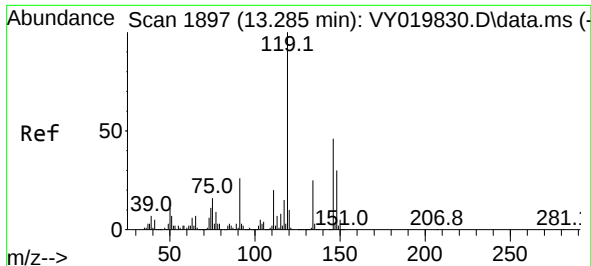
Ion Ratio Lower Upper

119 100

134 0.0 13.1 39.3#

91 101.4 10.7 32.1#





#87

1,3-Dichlorobenzene

Concen: 141.348 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.073 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

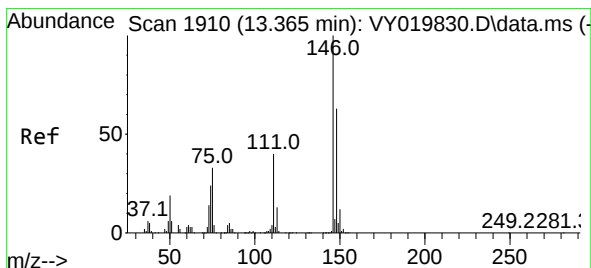
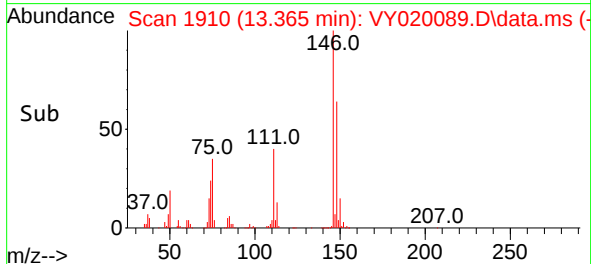
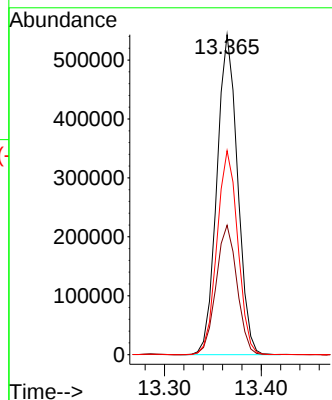
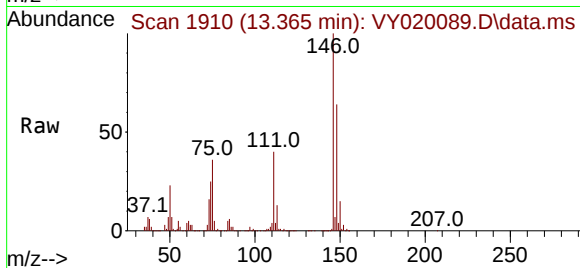
Tgt Ion:146 Resp: 806143

Ion Ratio Lower Upper

146 100

111 41.0 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 141.937 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

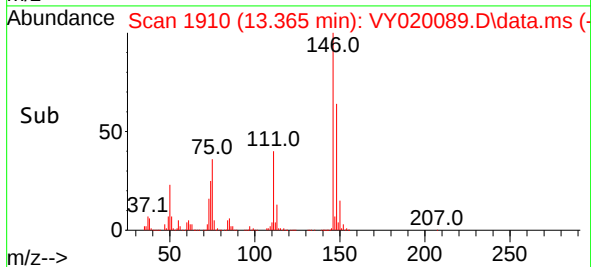
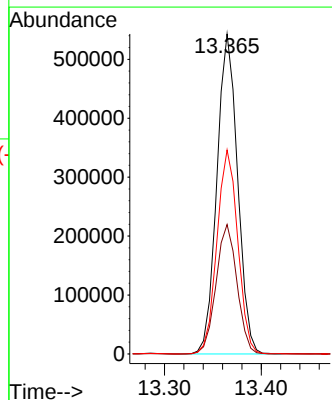
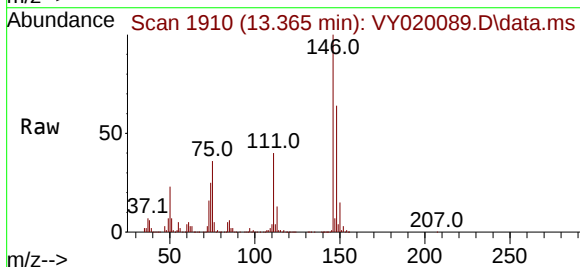
Tgt Ion:146 Resp: 806143

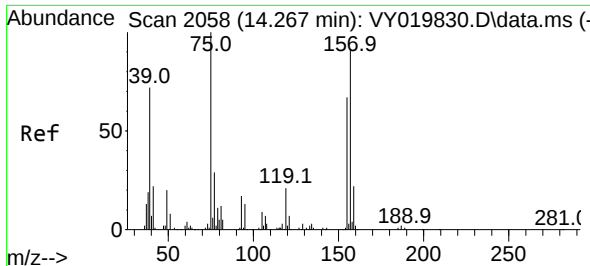
Ion Ratio Lower Upper

146 100

111 41.0 18.4 55.4

148 64.1 32.4 97.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 111.612 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

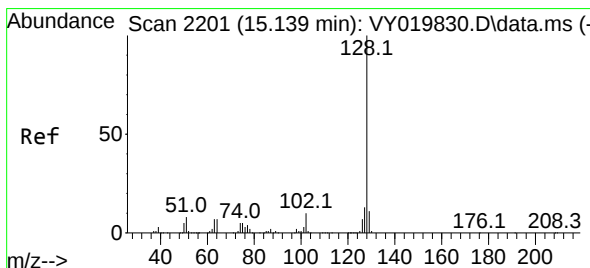
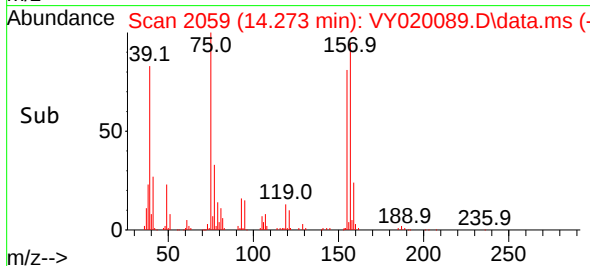
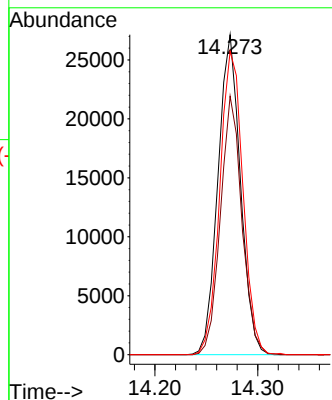
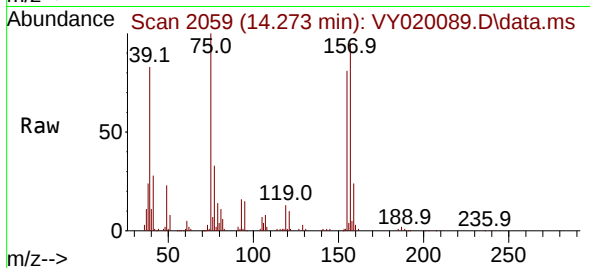
Tgt Ion: 75 Resp: 41093

Ion Ratio Lower Upper

75 100

155 77.4 48.6 145.8

157 97.9 62.7 188.2



#95

Naphthalene

Concen: 66.474 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020089.D

Acq: 31 Oct 2024 13:05

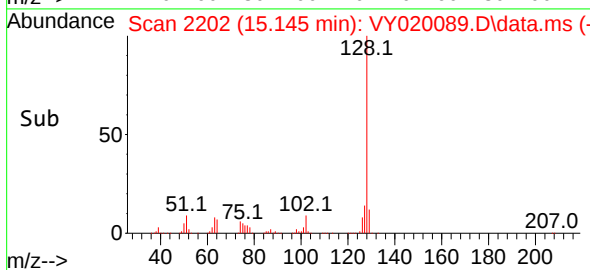
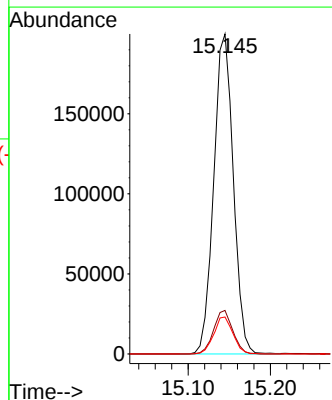
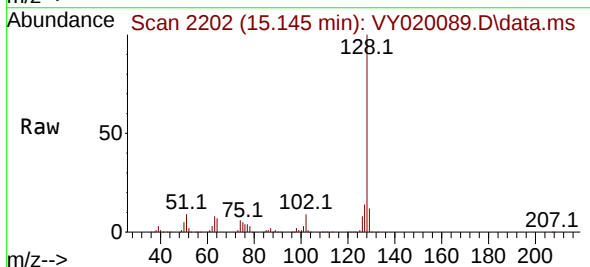
Tgt Ion:128 Resp: 330910

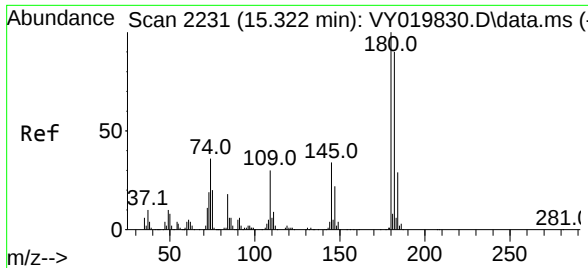
Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

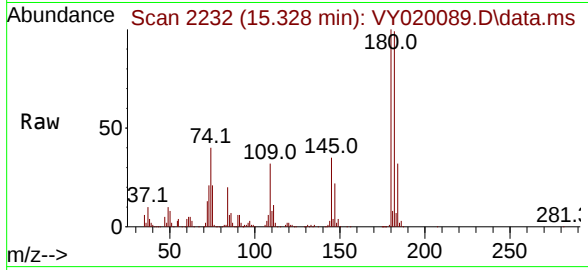
129 11.4 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 115.229 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020089.D
 Acq: 31 Oct 2024 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	260484
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.6	142.9
145	34.9	15.4	46.1

