

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010234.D
 Acq On : 31 Aug 2022 10:50
 Operator : KP/MD
 Sample : VY0831SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBL01

Quant Time: Aug 31 14:44:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	187828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126770	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89513	56.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.640%
35) Dibromofluoromethane	7.710	113	86585	54.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.260%
50) Toluene-d8	10.179	98	322548	54.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.460%
62) 4-Bromofluorobenzene	12.477	95	106355	47.979	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.960%

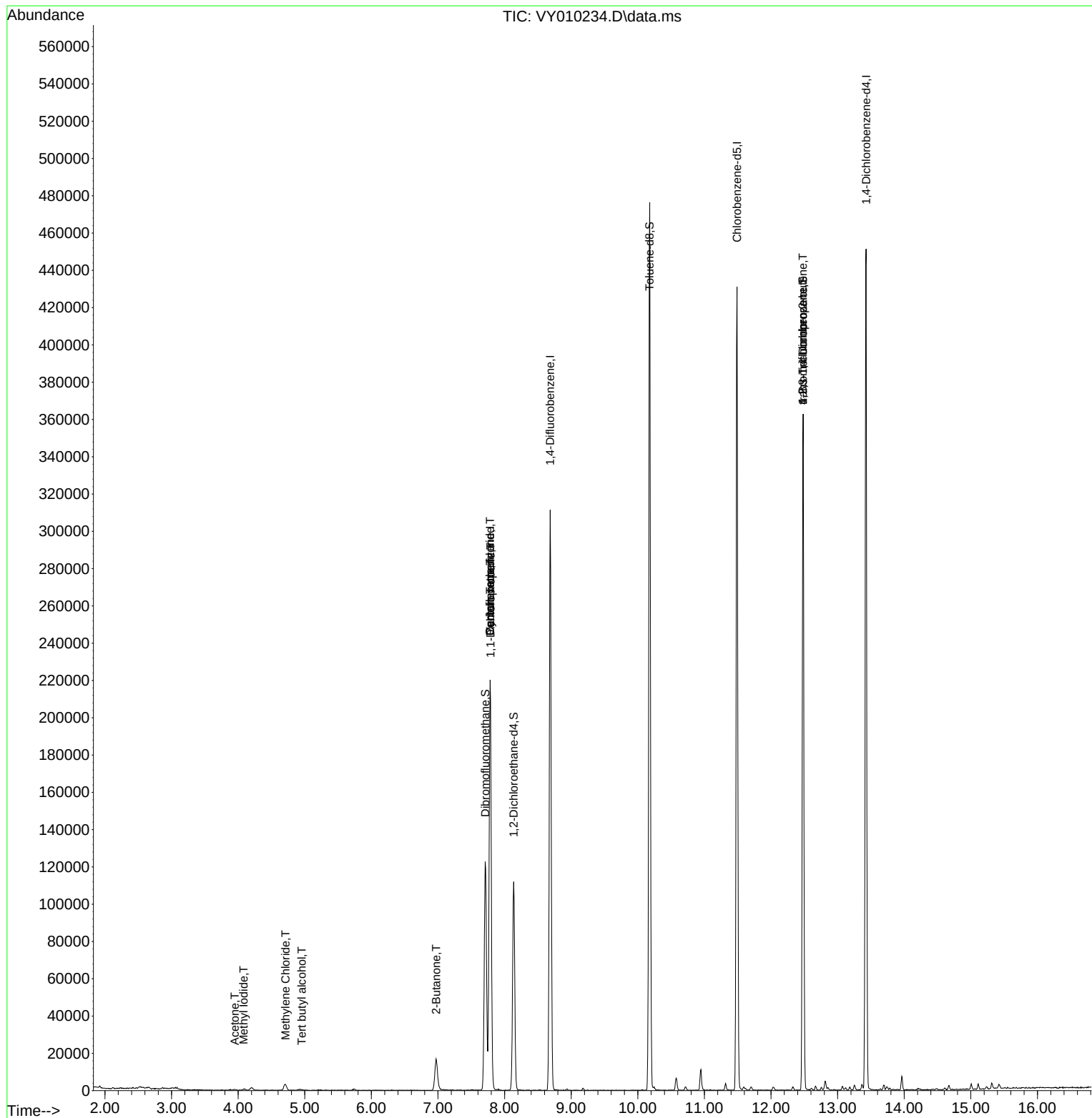
Target Compounds					Qvalue	
10) Methyl Iodide	4.082	142	1106	1.905	ug/l #	75
11) Tert butyl alcohol	4.954	59	645	4.077	ug/l #	77
16) Acetone	3.948	43	669	2.012	ug/l #	18
20) Methylene Chloride	4.710	84	2726	1.392	ug/l #	71
25) 2-Butanone	6.972	43	1176	2.054	ug/l	94
31) Cyclohexane	7.783	56	3202	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11227	4.627	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16526	5.936	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	52070	41.772	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52070	87.150	ug/l #	7

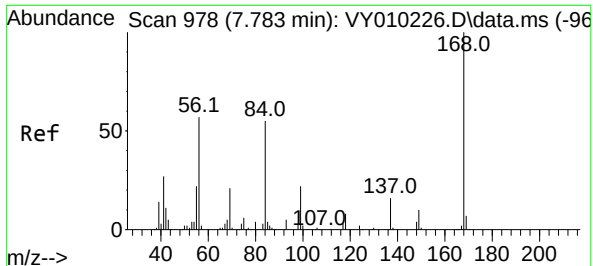
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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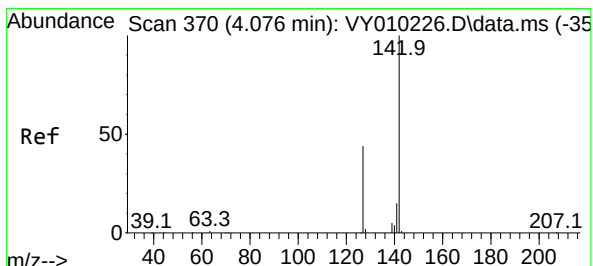
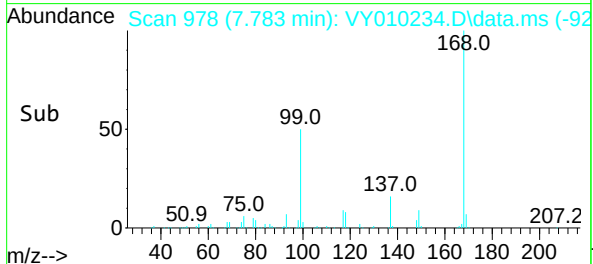
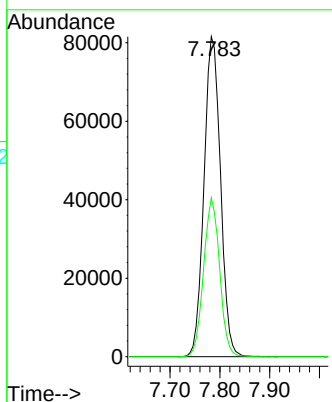
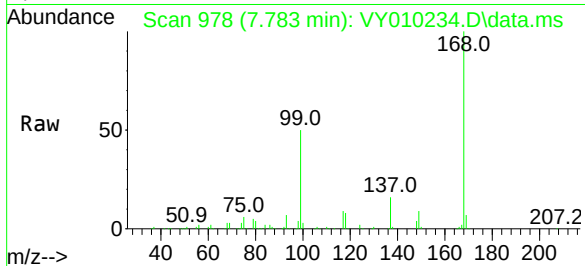




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

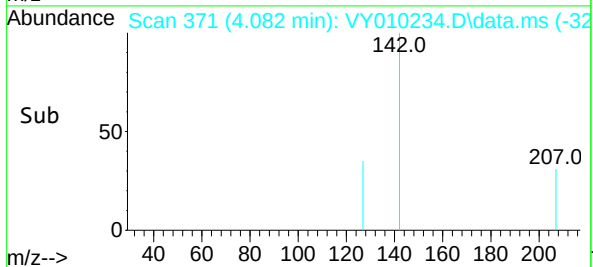
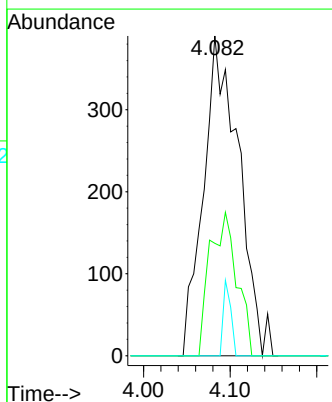
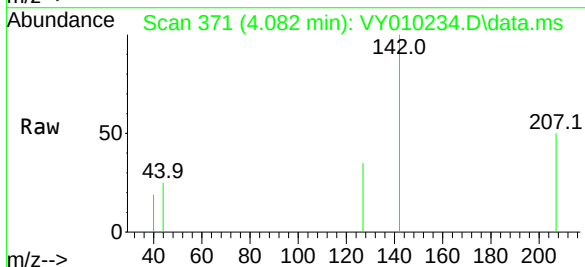
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBL01

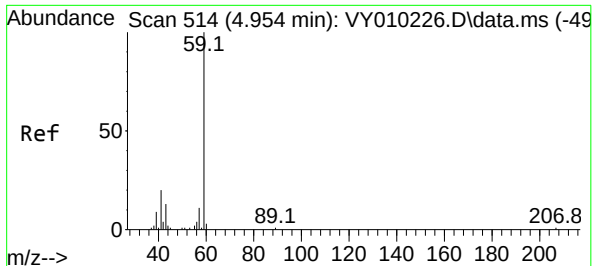
Tgt Ion:168 Resp: 187828
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#10
Methyl Iodide
Concen: 1.905 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Tgt Ion:142 Resp: 1106
Ion Ratio Lower Upper
142 100
127 34.2 41.5 62.3#
141 5.0 11.9 17.9#

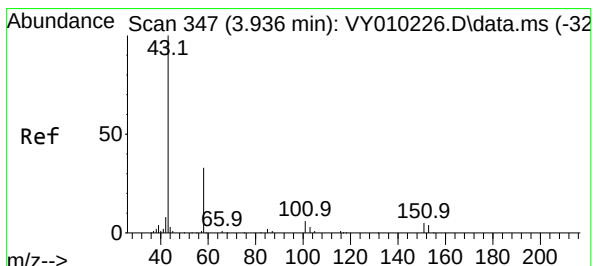
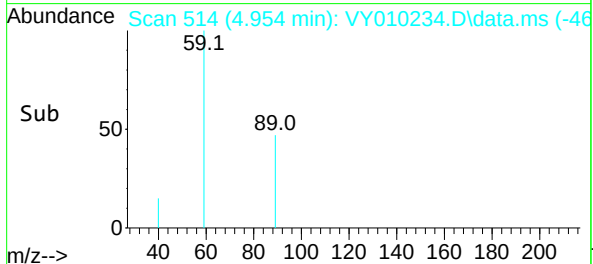
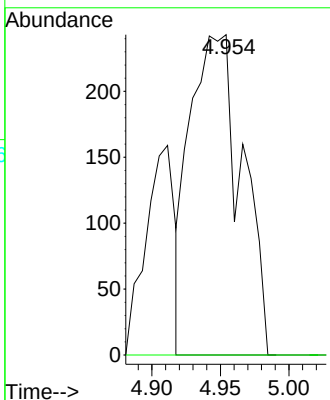
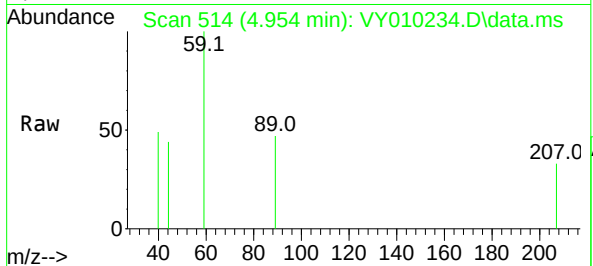




#11
Tert butyl alcohol
Concen: 4.077 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

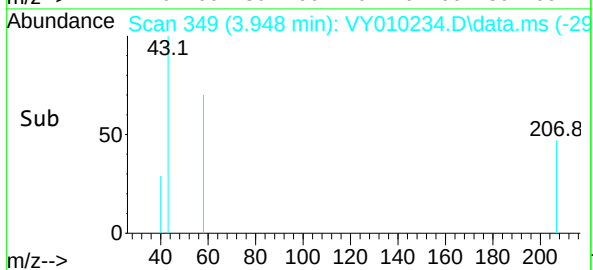
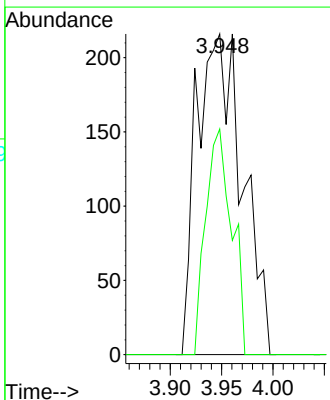
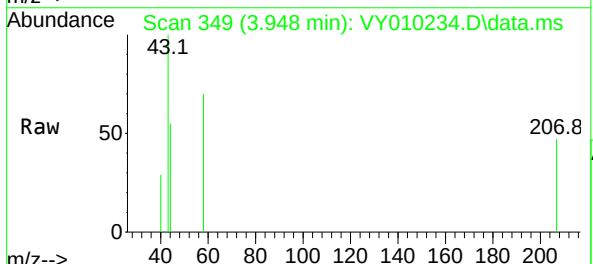
Instrument :
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ClientSampleId :
VY0831SBL01

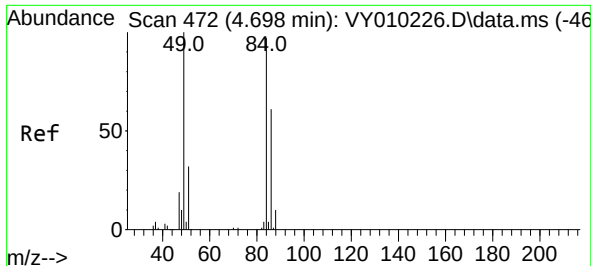
Tgt Ion: 59 Resp: 645
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.012 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

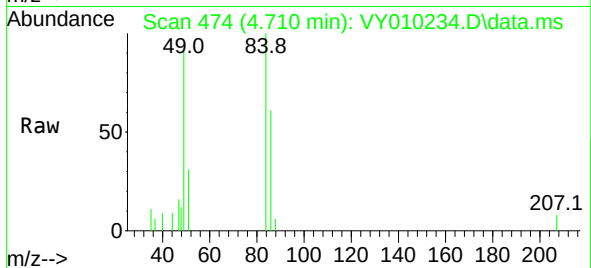
Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
58 70.4 22.0 33.0#



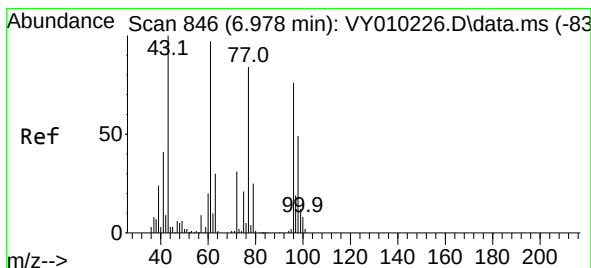
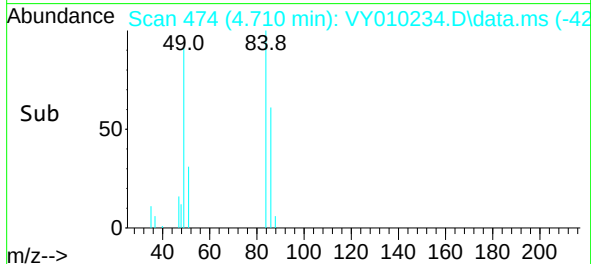
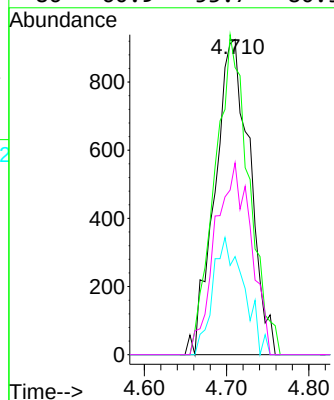


#20
Methylene Chloride
Concen: 1.392 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBL01

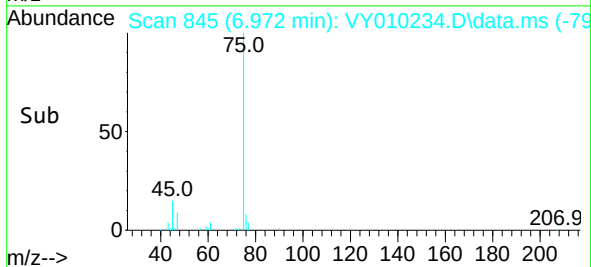
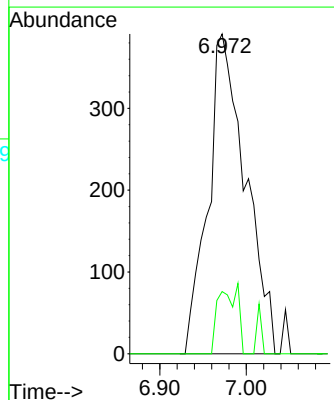
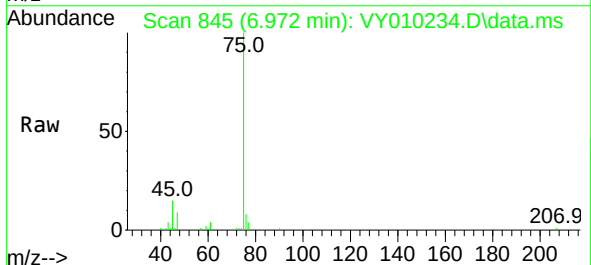


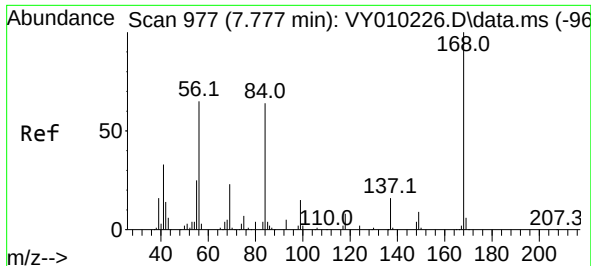
Tgt Ion: 84 Resp: 2726
Ion Ratio Lower Upper
84 100
49 91.1 114.4 171.6#
51 31.1 35.3 52.9#
86 60.9 53.7 80.5



#25
2-Butanone
Concen: 2.054 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Tgt Ion: 43 Resp: 1176
Ion Ratio Lower Upper
43 100
72 19.4 17.7 26.5

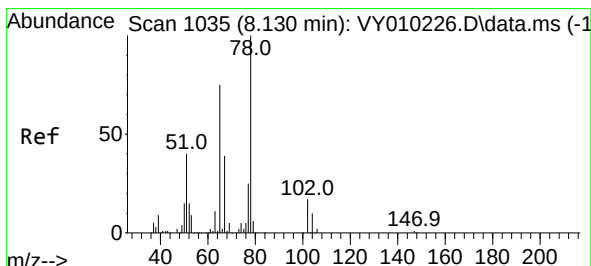
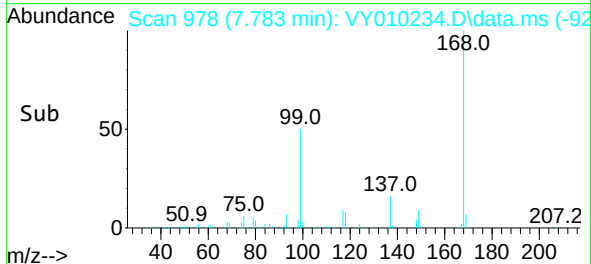
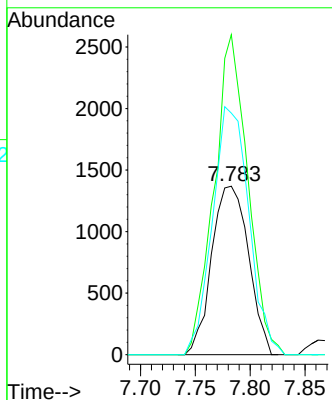
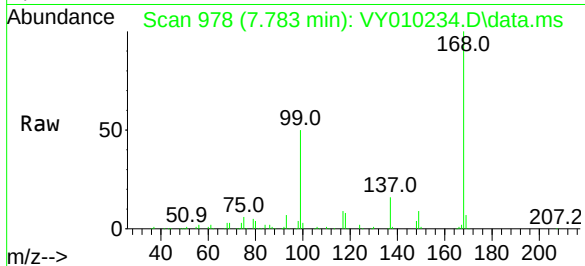




#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

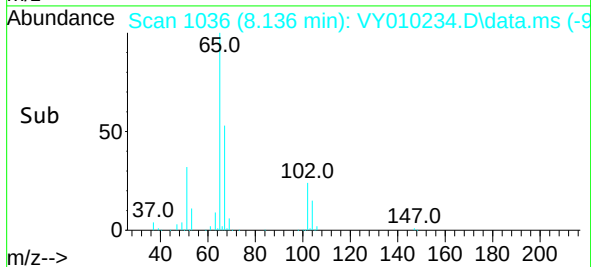
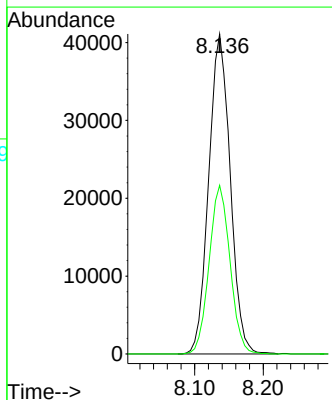
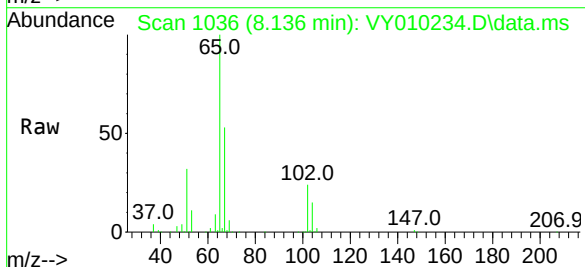
Instrument :
MSVOA_Y
ClientSampleId :
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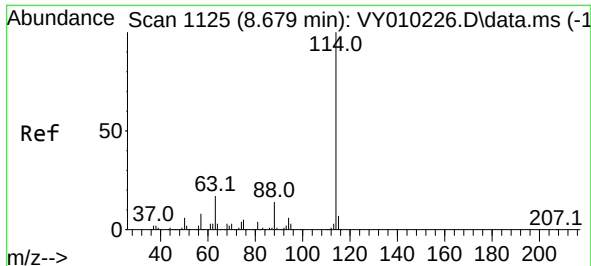
Tgt Ion: 56 Resp: 3202
Ion Ratio Lower Upper
56 100
69 189.9 26.7 40.1#
84 143.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.824 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Tgt Ion: 65 Resp: 89513
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.4

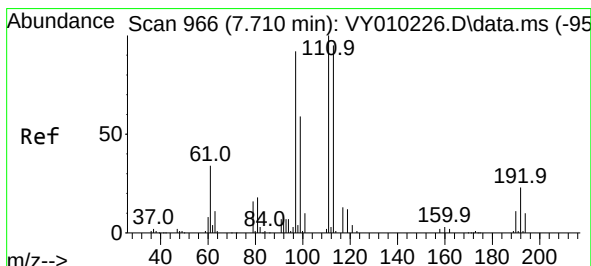
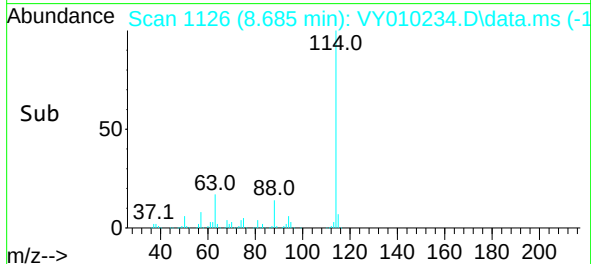
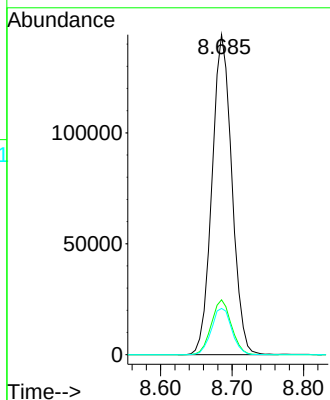
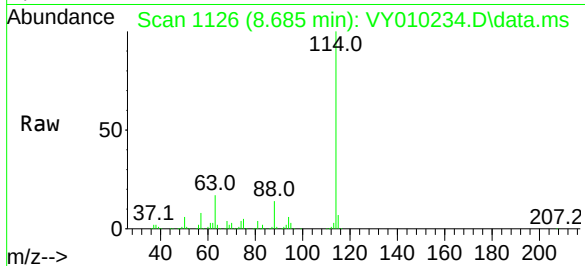




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

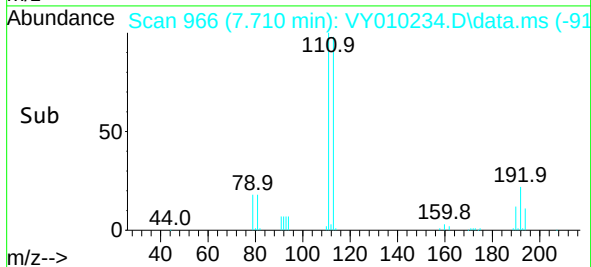
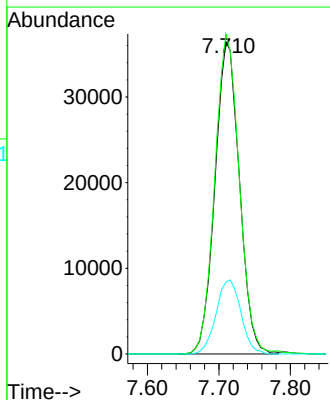
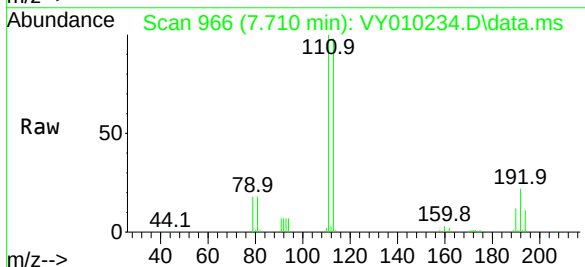
Instrument :
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ClientSampleId :
VY0831SBL01

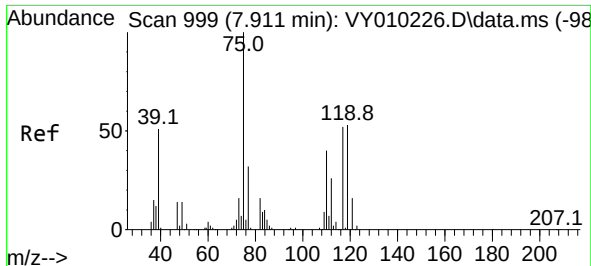
Tgt Ion:114 Resp: 278229
Ion Ratio Lower Upper
114 100
63 17.1 0.0 43.2
88 14.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.125 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Tgt Ion:113 Resp: 86585
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 24.0 17.6 26.4

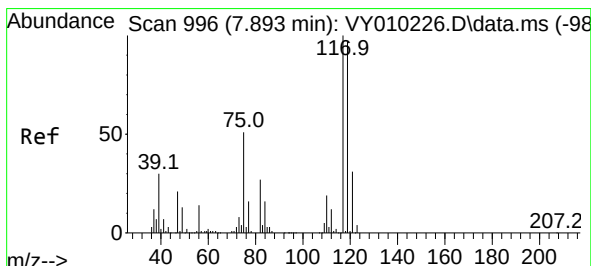
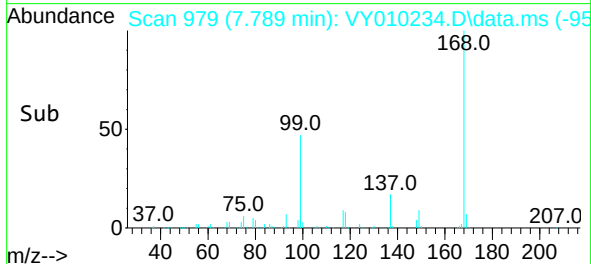
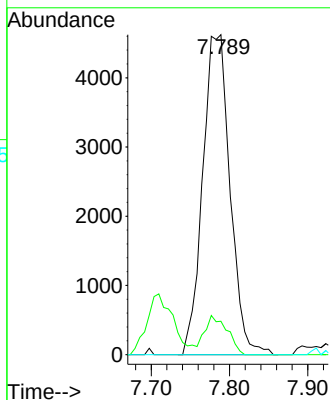
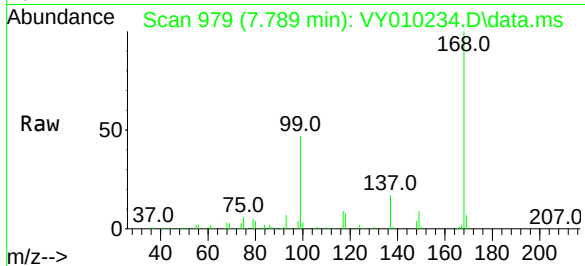




#36
1,1-Dichloropropene
Concen: 4.627 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.122 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

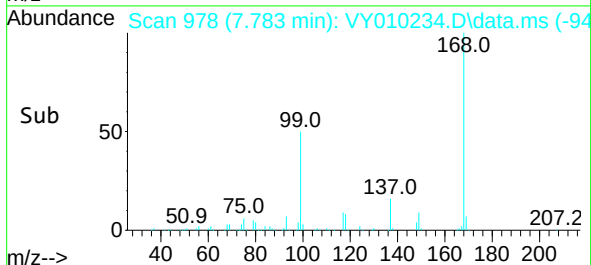
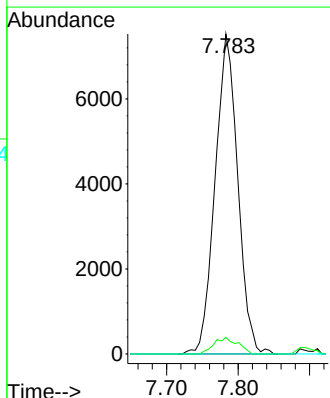
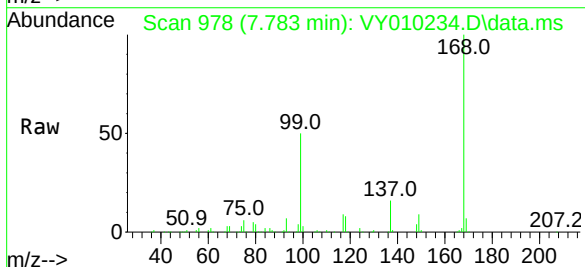
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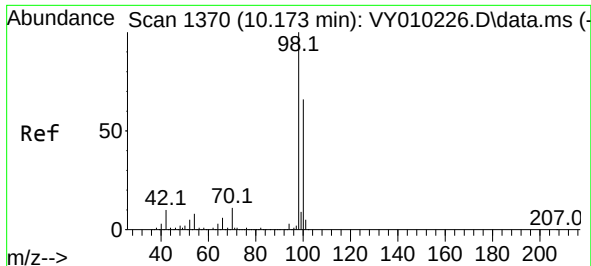
Tgt Ion: 75 Resp: 11227
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.936 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Tgt Ion: 117 Resp: 16526
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

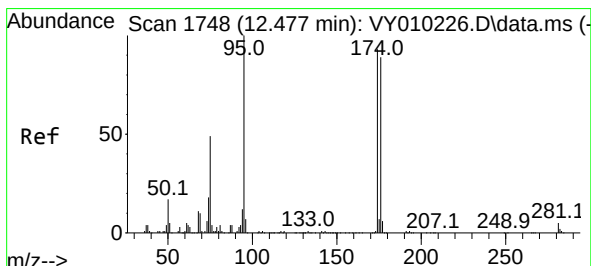
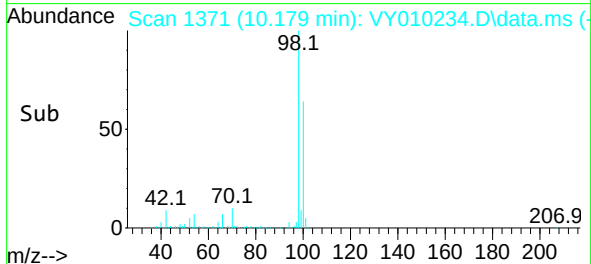
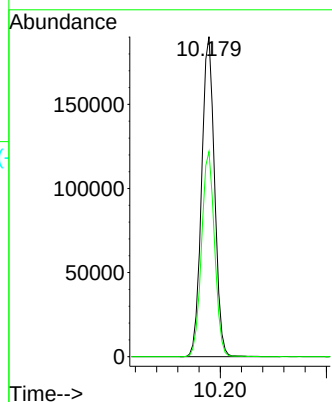
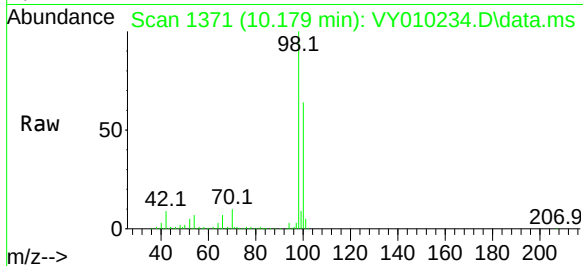




#50
Toluene-d8
Concen: 54.231 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

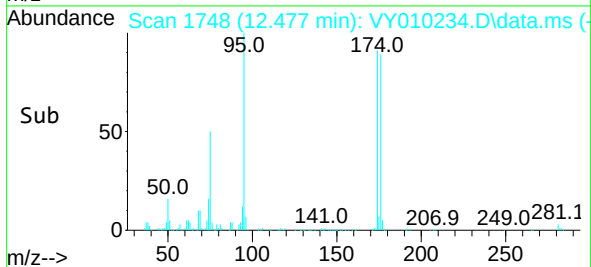
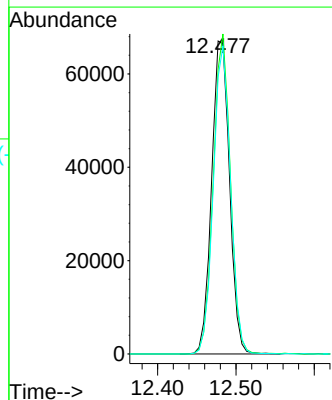
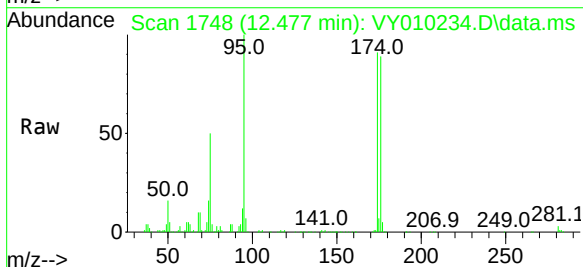
Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBL01

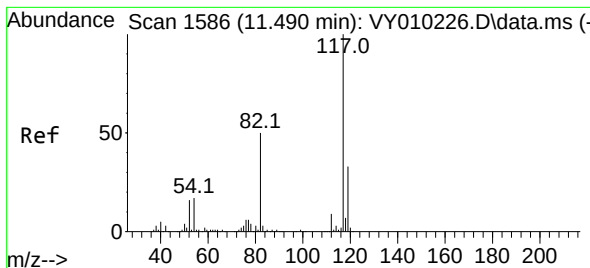
Tgt Ion: 98 Resp: 322548
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.979 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Tgt Ion: 95 Resp: 106355
Ion Ratio Lower Upper
95 100
174 97.7 0.0 177.0
176 94.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010234.D

Acq: 31 Aug 2022 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0831SBL01

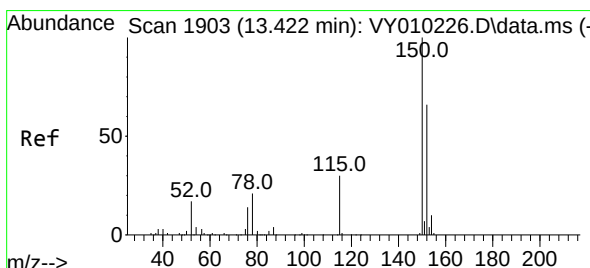
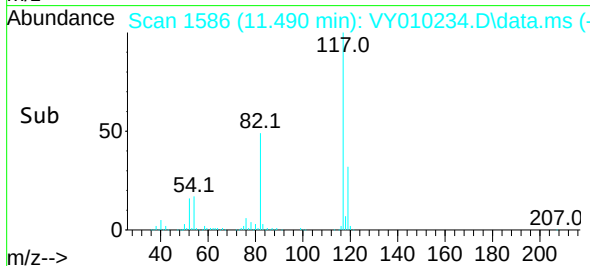
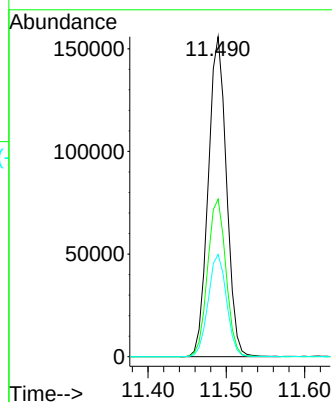
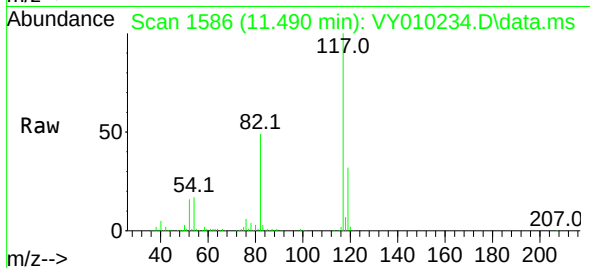
Tgt Ion:117 Resp: 251746

Ion Ratio Lower Upper

117 100

82 49.3 43.0 64.4

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010234.D

Acq: 31 Aug 2022 10:50

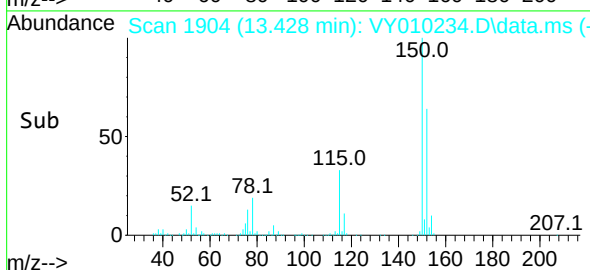
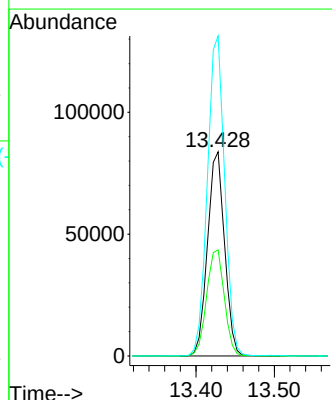
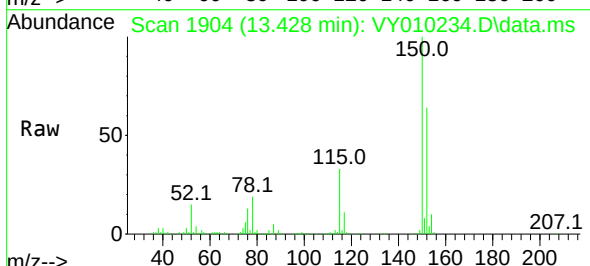
Tgt Ion:152 Resp: 126770

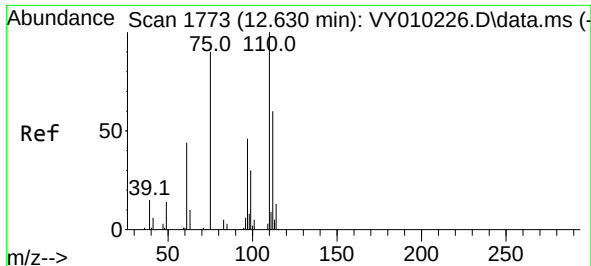
Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 158.1 0.0 347.6

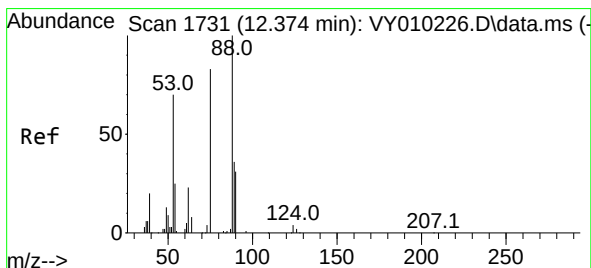
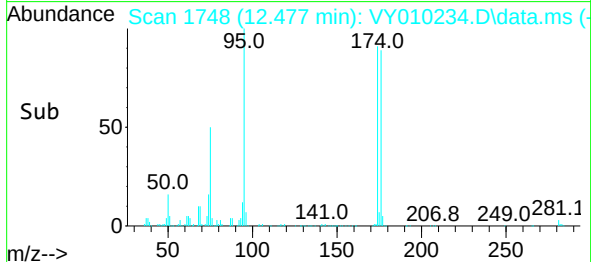
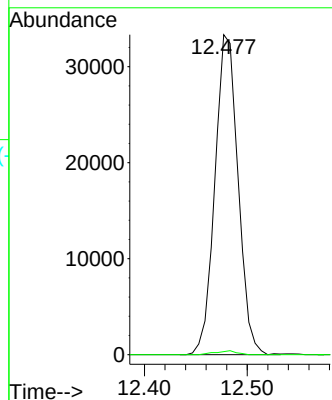
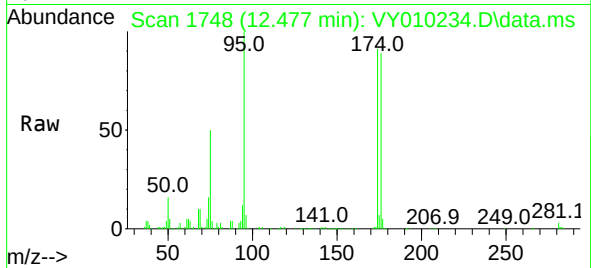




#76
1,2,3-Trichloropropane
Concen: 41.772 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBL01

Tgt Ion: 75 Resp: 52070
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.150 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010234.D
Acq: 31 Aug 2022 10:50

Tgt Ion: 75 Resp: 52070
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

