

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013849.D
 Acq On : 24 May 2023 16:22
 Operator : KP/MD
 Sample : 02899-08RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB14

Quant Time: May 25 07:09:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

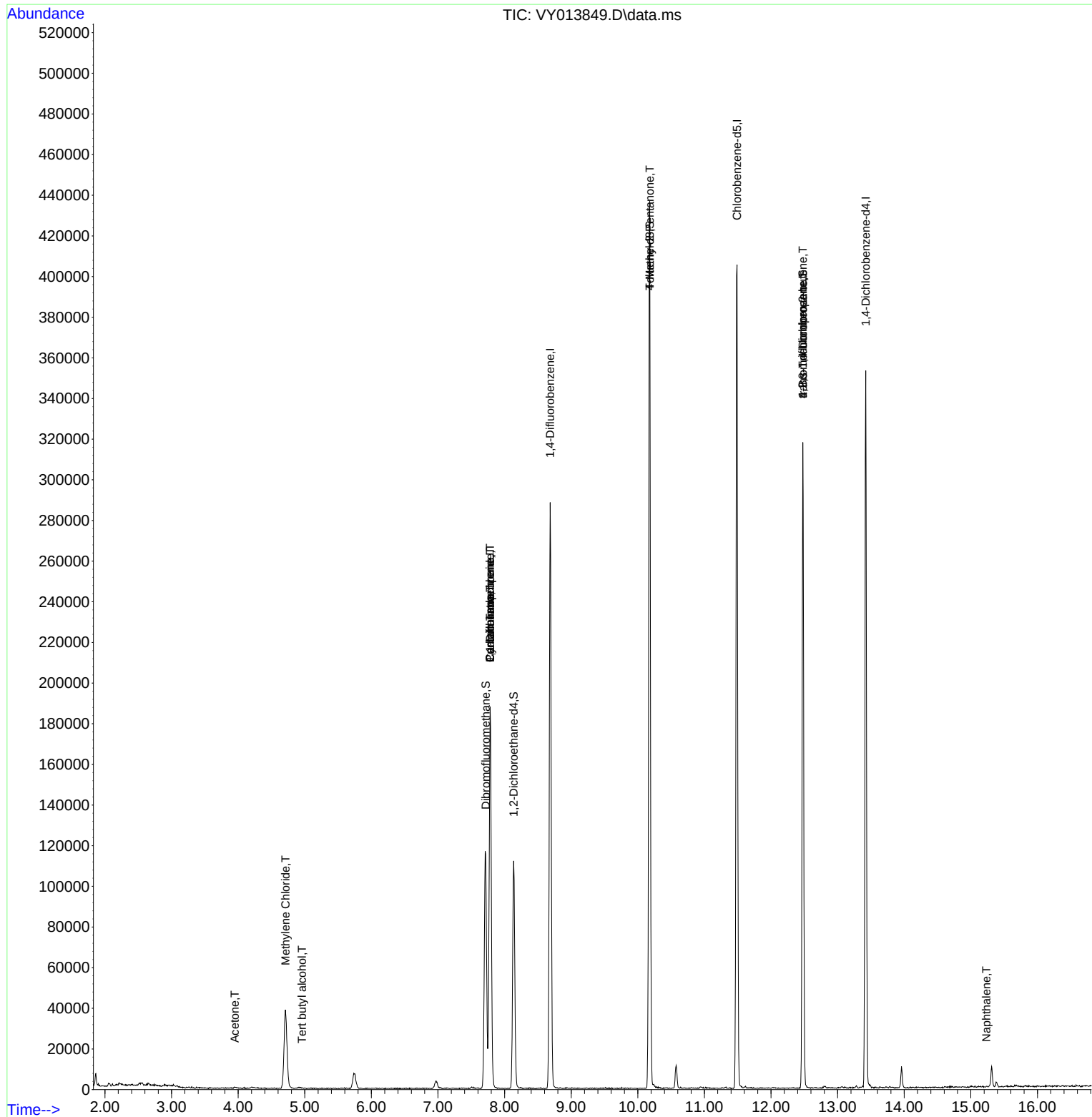
Internal Standards						
1) Pentafluorobenzene	7.783	168	142838	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	239114	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	224405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92765	56.136	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.280%	
35) Dibromofluoromethane	7.716	113	80309	52.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.020%	
50) Toluene-d8	10.179	98	288334	49.128	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.260%	
62) 4-Bromofluorobenzene	12.477	95	86076	44.122	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	155	1.224	ug/l #	73
16) Acetone	3.948	43	826	1.684	ug/l #	88
20) Methylene Chloride	4.710	84	27914	14.235	ug/l	96
31) Cyclohexane	7.783	56	3501	1.379	ug/l #	14
36) 1,1-Dichloropropene	7.783	75	10543	4.483	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13735	5.135	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1395	1.001	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	46931	44.005	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46931	95.520	ug/l #	10
95) Naphthalene	15.233	128	270	4.612	ug/l #	68

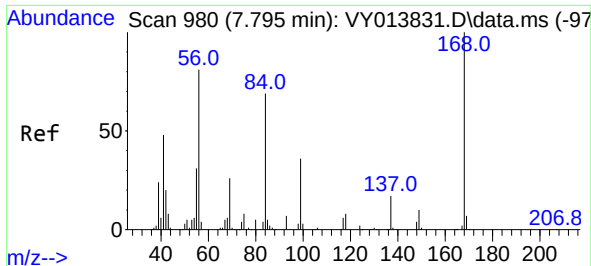
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
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Quant Time: May 25 07:09:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

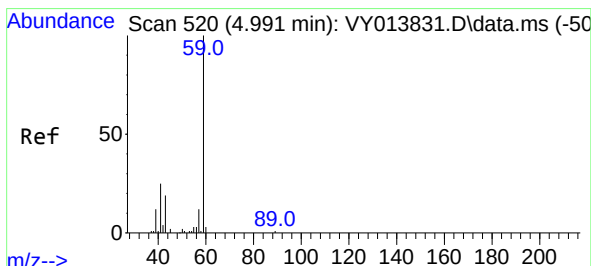
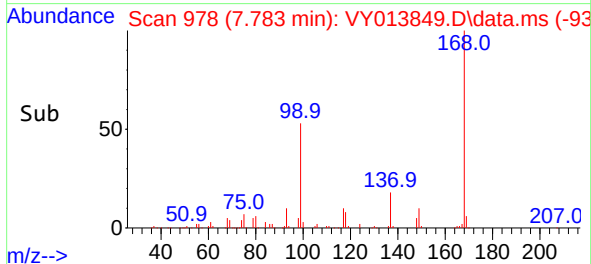
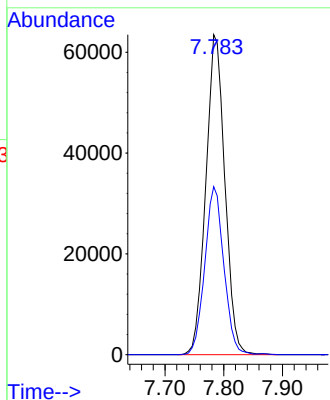
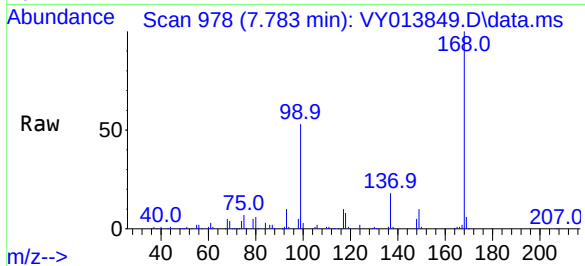




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

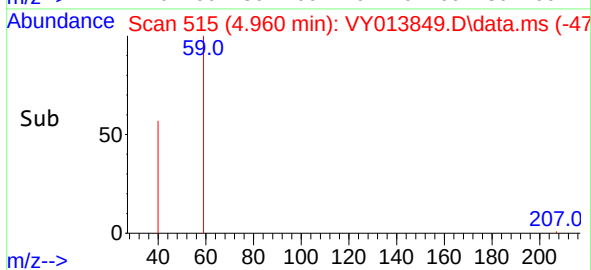
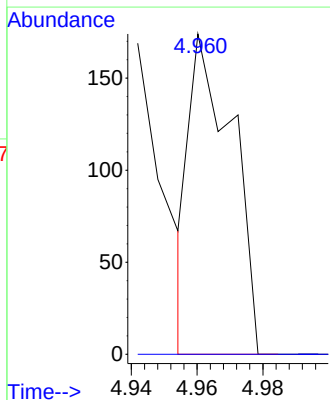
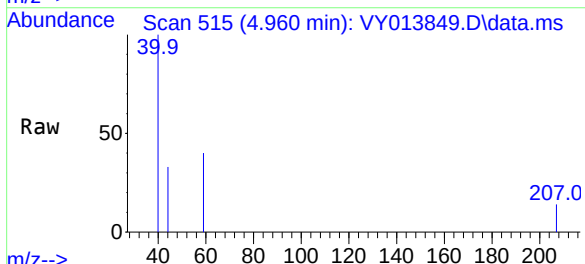
Instrument :
MSVOA_Y
ClientSampleId :
SB14

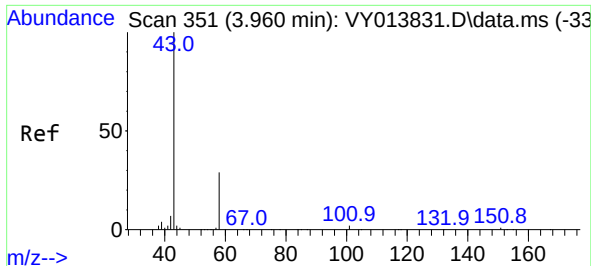
Tgt Ion:168 Resp: 142838
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.2



#11
Tert butyl alcohol
Concen: 1.224 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.030 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

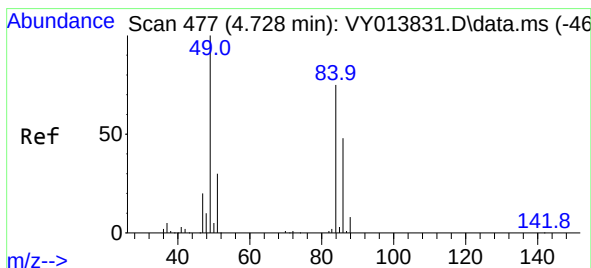
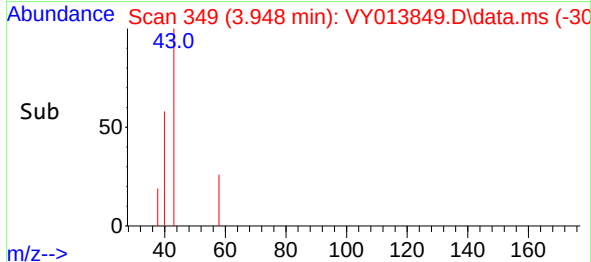
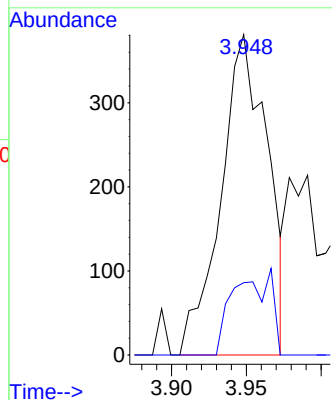
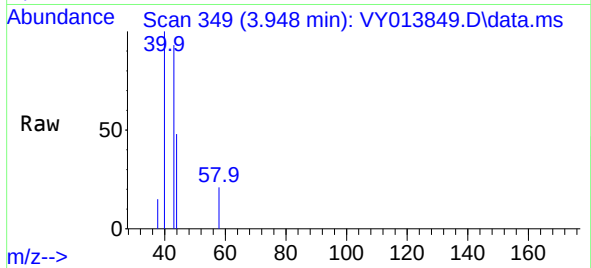




#16
Acetone
Concen: 1.684 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

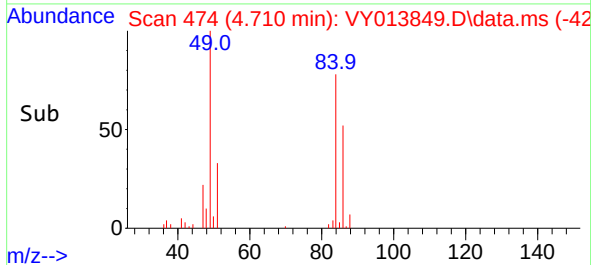
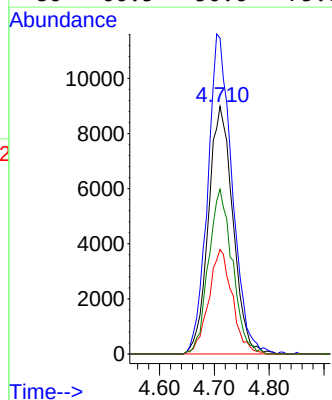
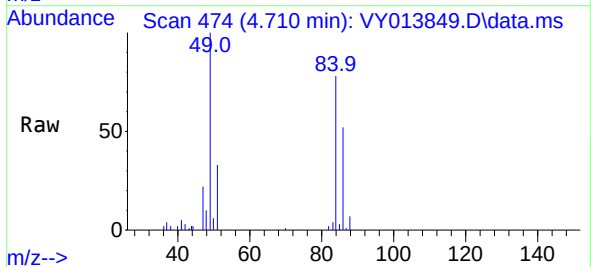
Instrument :
MSVOA_Y
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SB14

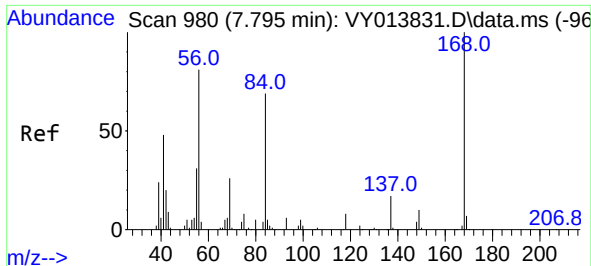
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 22.6 23.3 34.9#



#20
Methylene Chloride
Concen: 14.235 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

Tgt Ion: 84 Resp: 27914
Ion Ratio Lower Upper
84 100
49 127.7 106.2 159.2
51 42.2 31.4 47.0
86 66.5 50.6 75.8

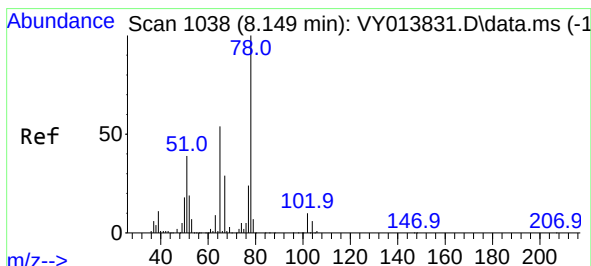
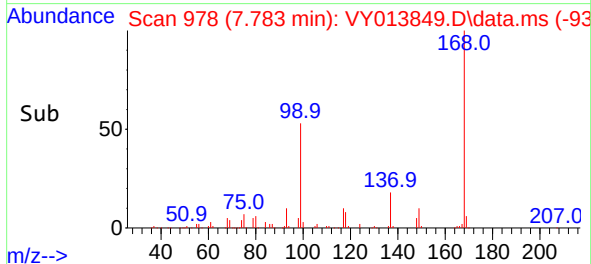
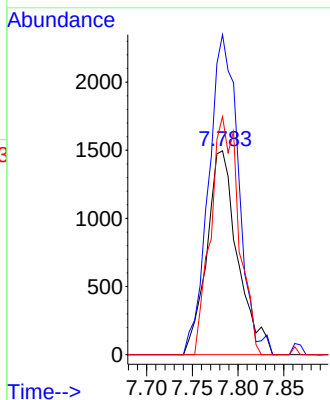
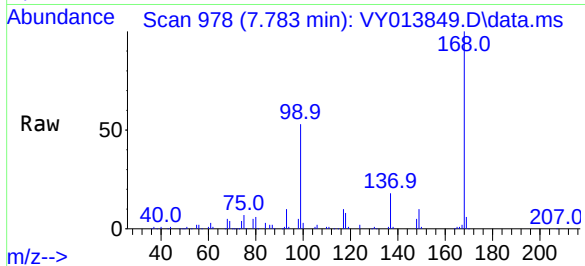




#31
Cyclohexane
Concen: 1.379 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

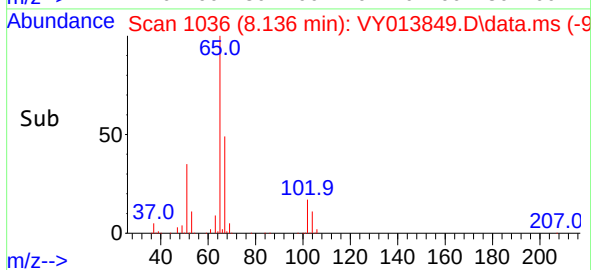
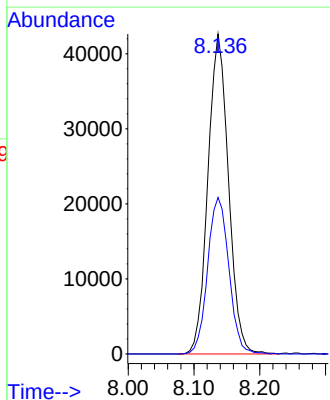
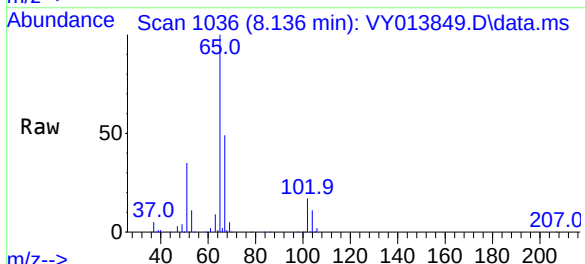
Instrument :
MSVOA_Y
ClientSampleId :
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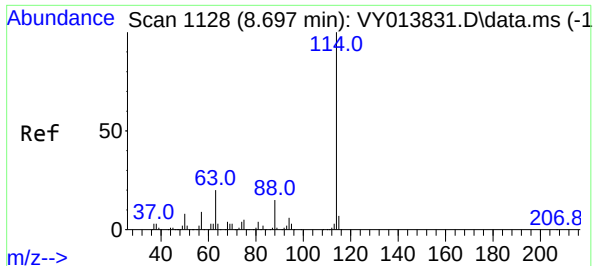
Tgt Ion: 56 Resp: 3501
Ion Ratio Lower Upper
56 100
69 157.0 25.8 38.8#
84 116.8 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 56.136 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

Tgt Ion: 65 Resp: 92765
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY013849.D

Acq: 24 May 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

SB14

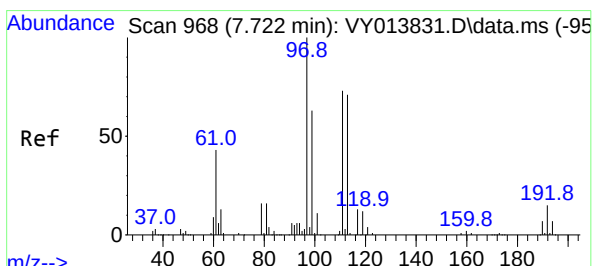
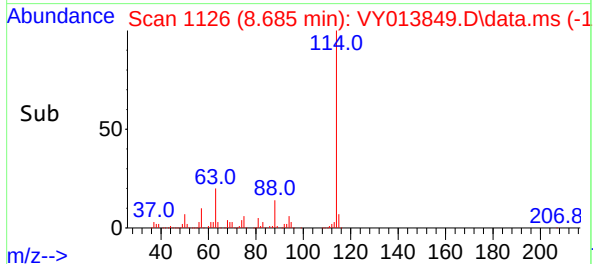
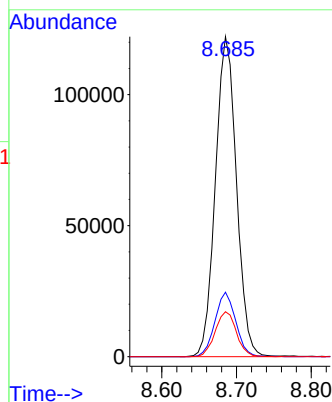
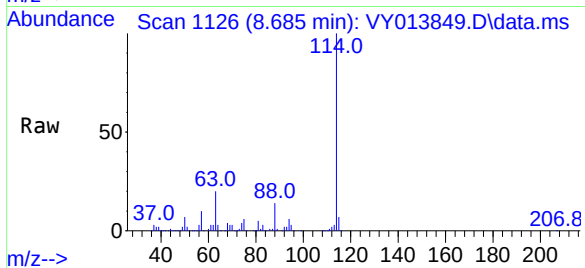
Tgt Ion:114 Resp: 239114

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 14.0 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.006 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013849.D

Acq: 24 May 2023 16:22

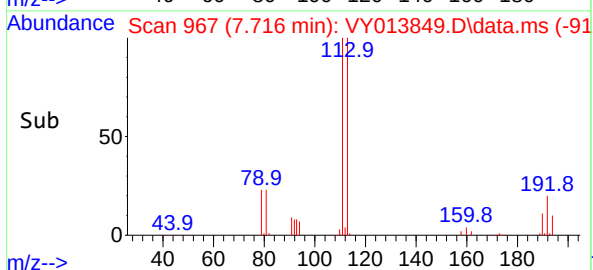
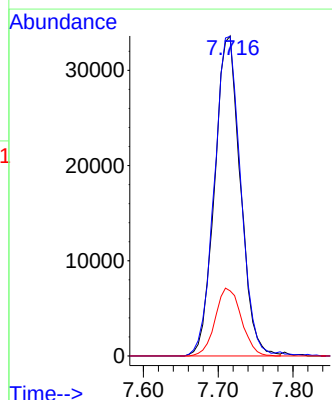
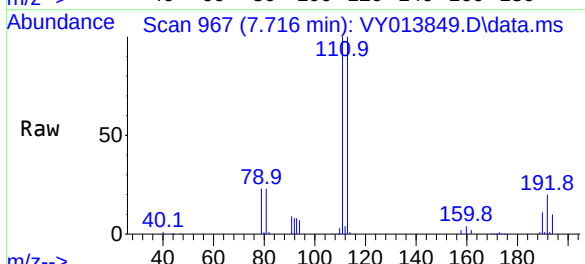
Tgt Ion:113 Resp: 80309

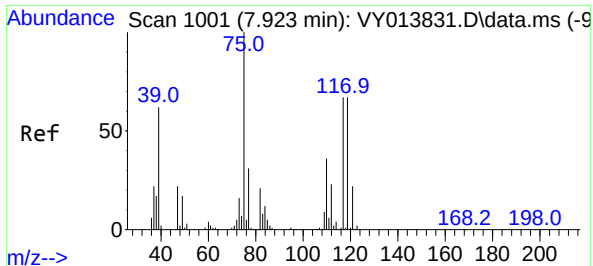
Ion Ratio Lower Upper

113 100

111 102.5 80.4 120.6

192 21.6 16.6 25.0

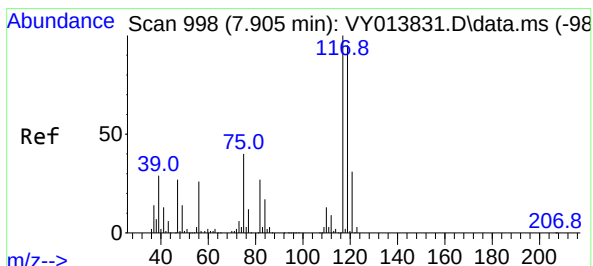
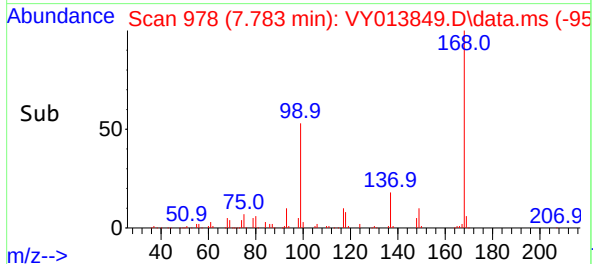
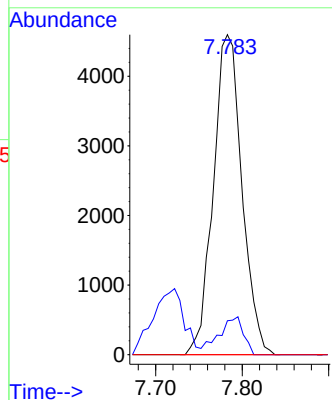
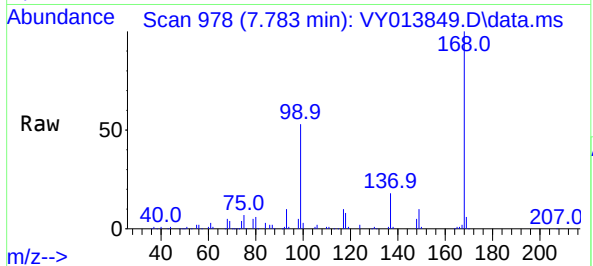




#36
1,1-Dichloropropene
Concen: 4.483 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

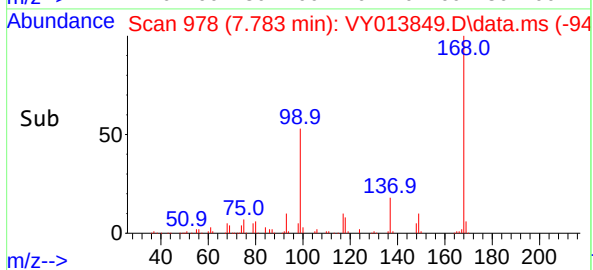
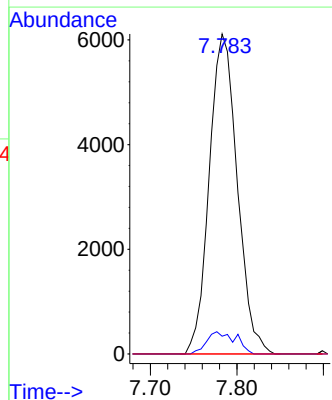
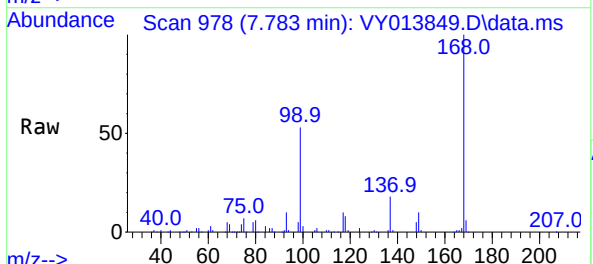
Instrument :
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ClientSampleId :
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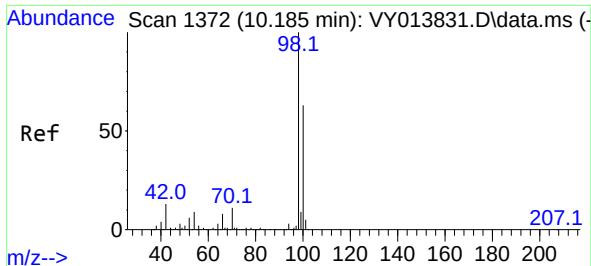
Tgt Ion: 75 Resp: 10543
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.135 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

Tgt Ion: 117 Resp: 13735
Ion Ratio Lower Upper
117 100
119 5.6 75.6 113.4#
121 0.0 24.8 37.2#

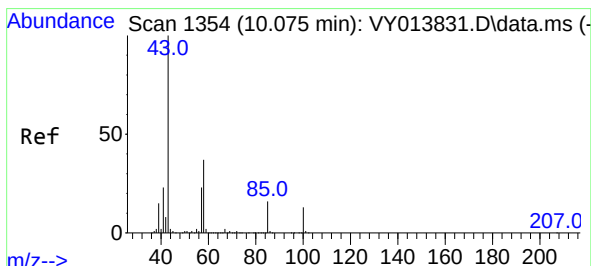
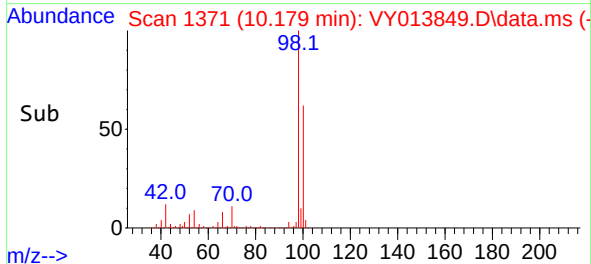
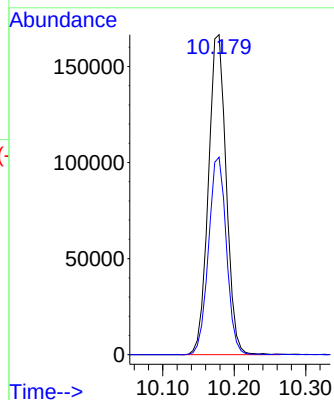
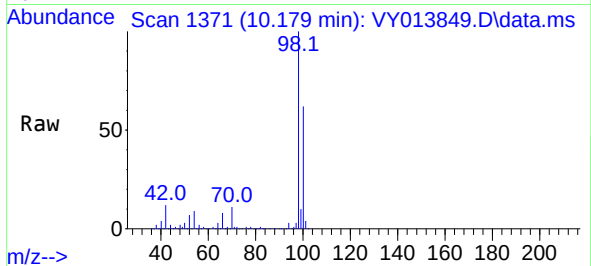




#50
Toluene-d8
Concen: 49.128 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

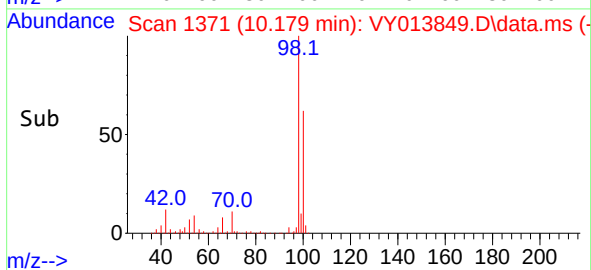
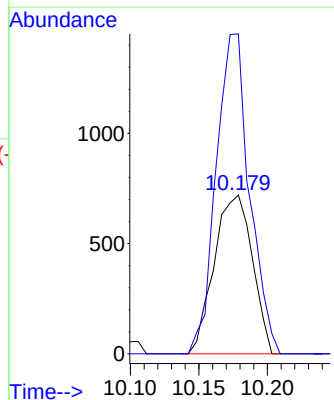
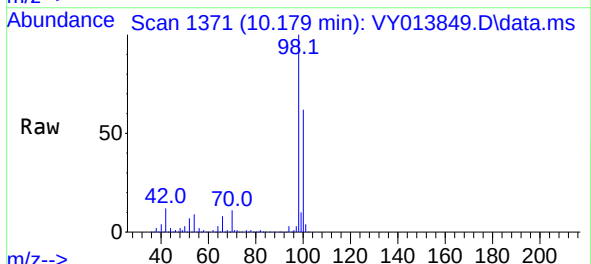
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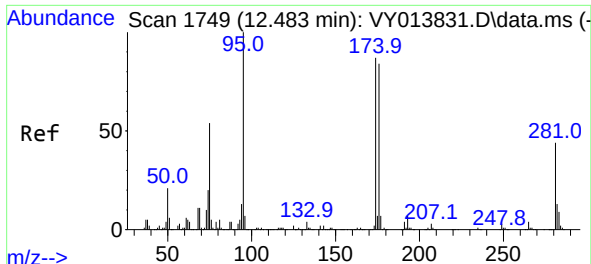
Tgt Ion: 98 Resp: 288334
Ion Ratio Lower Upper
98 100
100 61.9 50.8 76.2



#51
4-Methyl-2-Pentanone
Concen: 1.001 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

Tgt Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
58 176.6 29.1 43.7#

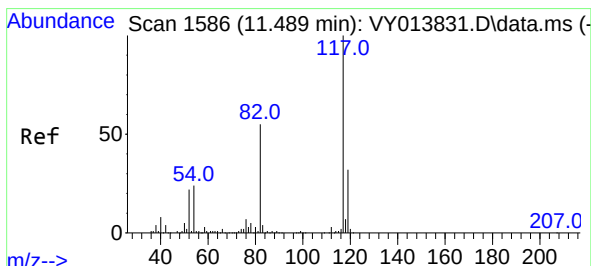
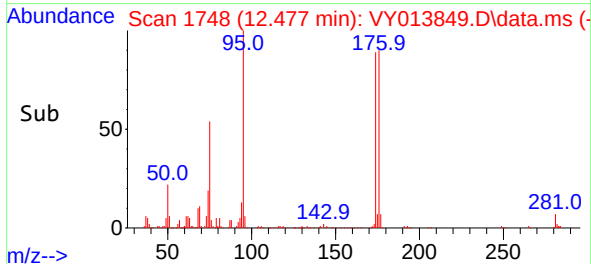
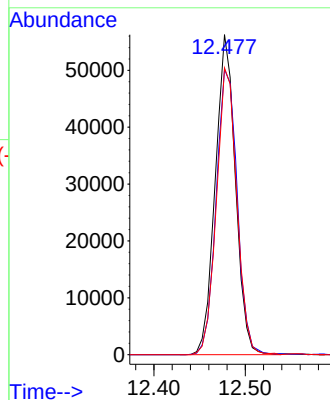
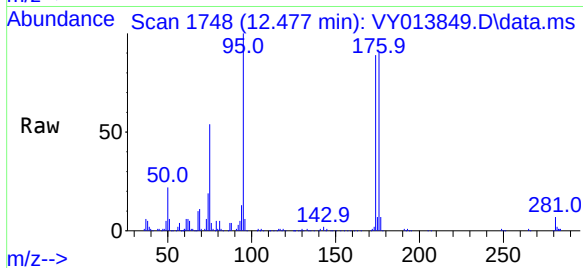




#62
4-Bromofluorobenzene
Concen: 44.122 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

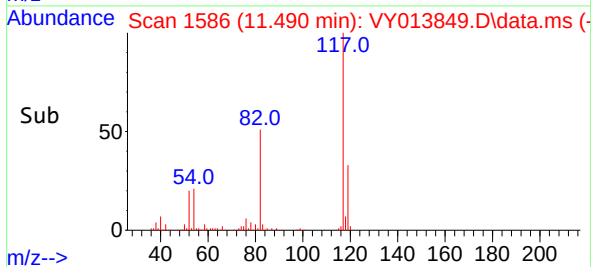
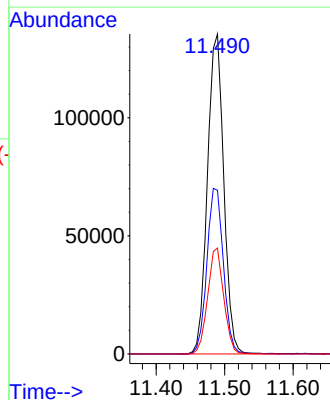
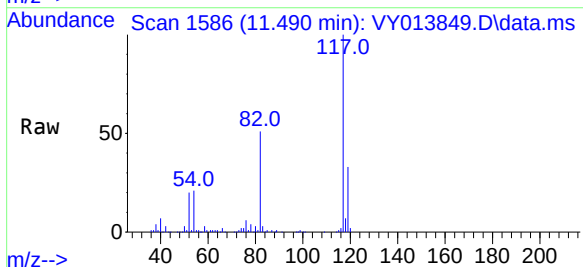
Instrument :
MSVOA_Y
ClientSampleId :
SB14

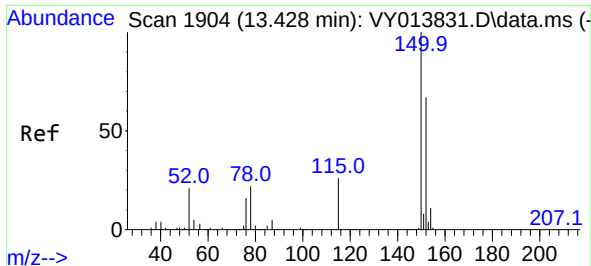
Tgt Ion: 95 Resp: 86076
Ion Ratio Lower Upper
95 100
174 93.3 0.0 176.0
176 90.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

Tgt Ion: 117 Resp: 224405
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.4
119 33.1 25.7 38.5

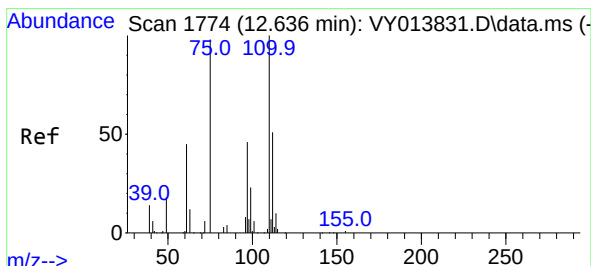
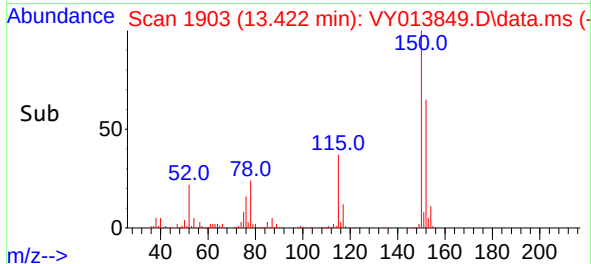
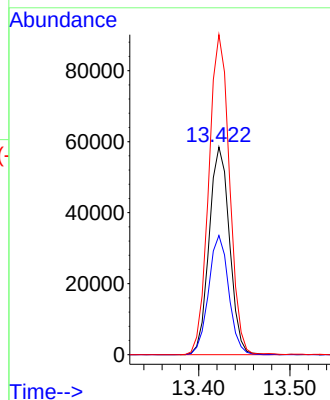
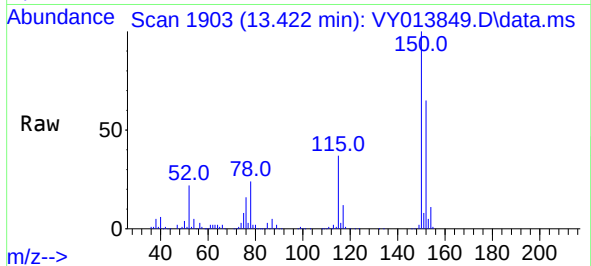




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY013849.D
 Acq: 24 May 2023 16:22

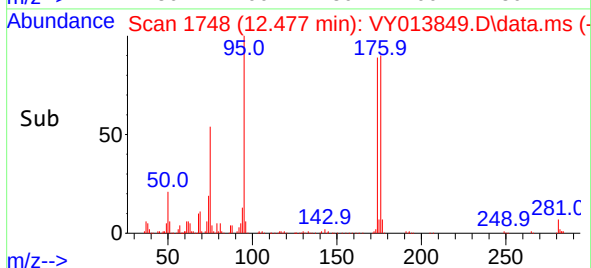
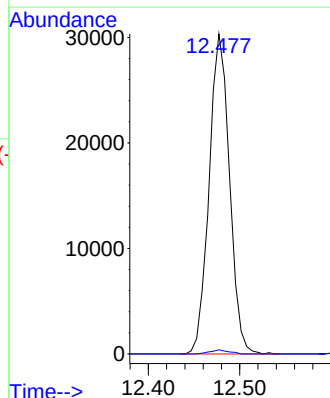
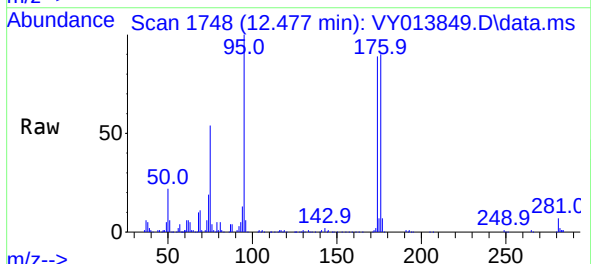
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB14

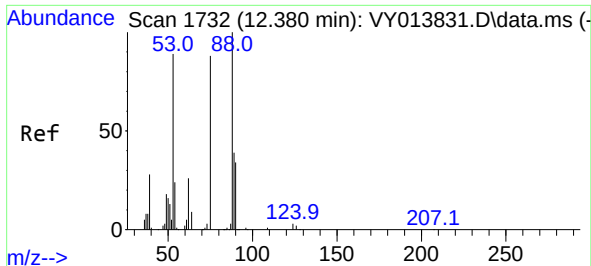
Tgt Ion:152 Resp: 90448
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.8 86.5
 150 156.8 0.0 353.4



#76
 1,2,3-Trichloropropane
 Concen: 44.005 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY013849.D
 Acq: 24 May 2023 16:22

Tgt Ion: 75 Resp: 46931
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

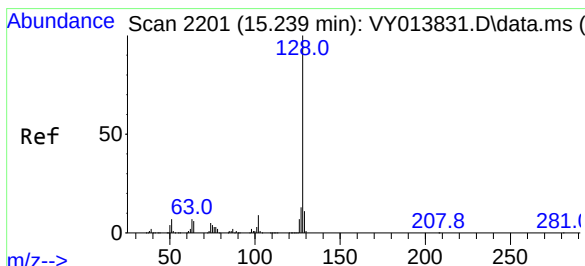
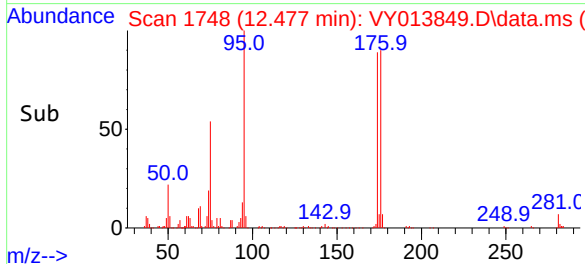
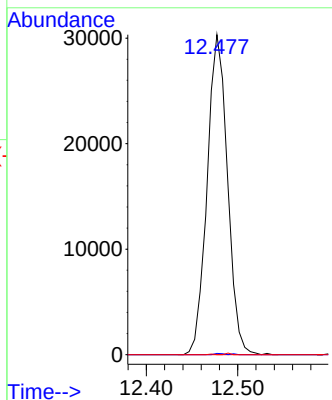
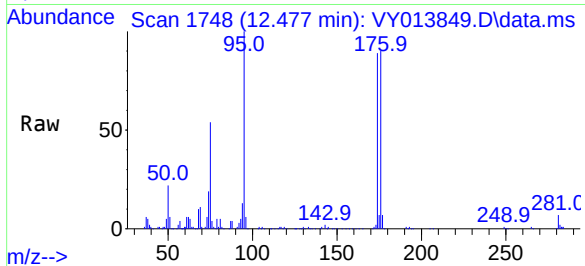




#81
trans-1,4-Dichloro-2-butene
Concen: 95.520 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

Instrument :
MSVOA_Y
ClientSampleId :
SB14

Tgt Ion: 75 Resp: 46931
Ion Ratio Lower Upper
75 100
53 0.2 79.7 119.5#
89 0.1 36.4 54.6#



#95
Naphthalene
Concen: 4.612 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013849.D
Acq: 24 May 2023 16:22

Tgt Ion:128 Resp: 270
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

