

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013918.D
 Acq On : 30 May 2023 14:45
 Operator : KP/MD
 Sample : 02945-04RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB17BRE

Quant Time: May 30 15:38:15 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	7.789	168	52253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	77150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	71094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	30914	51.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.280%
35) Dibromofluoromethane	7.716	113	26433	53.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.100%
50) Toluene-d8	10.179	98	93316	49.278	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.483	95	25472	40.467	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.940%

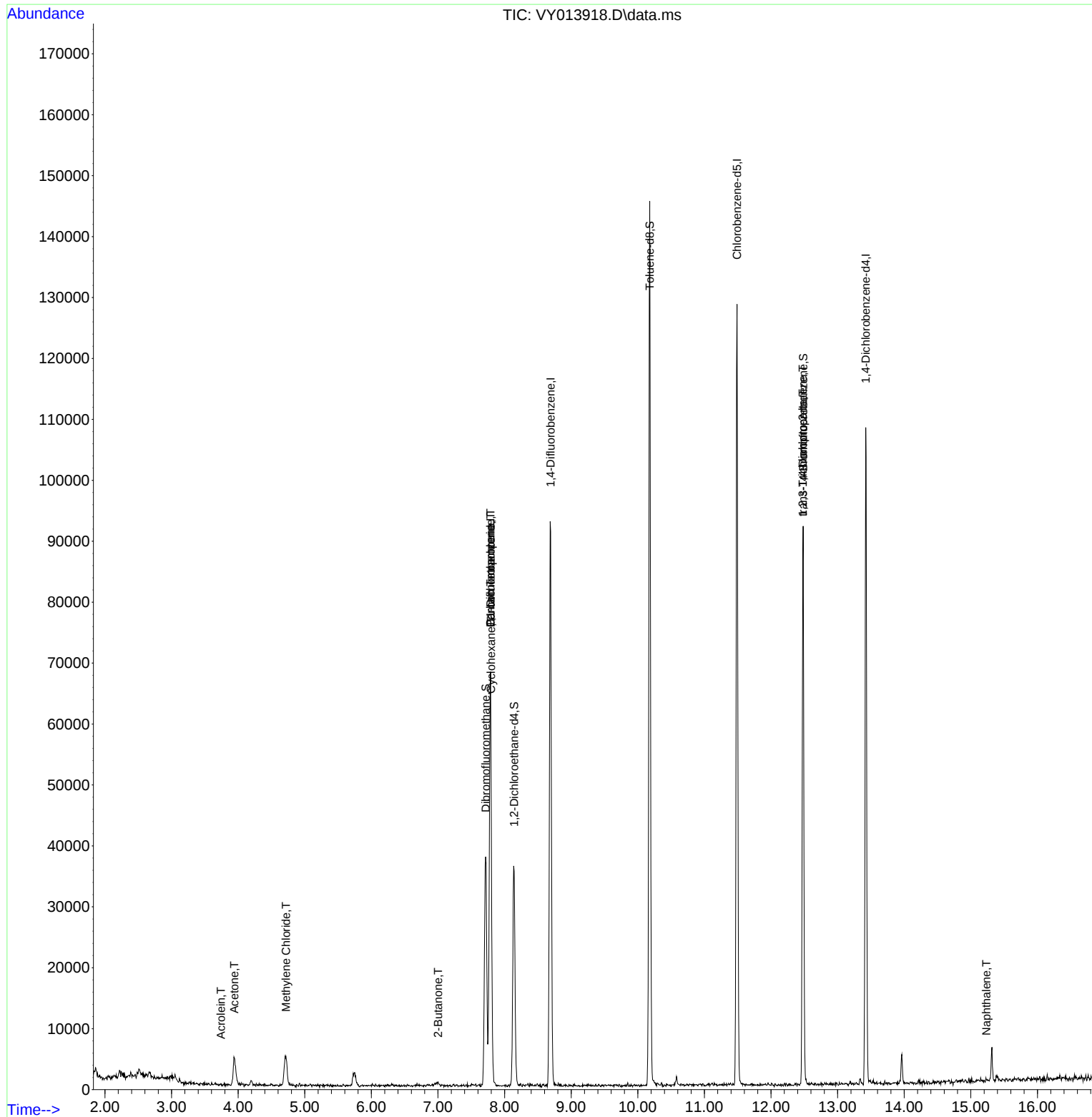
Target Compounds					Qvalue	
13) Acrolein	3.741	56	87	1.249	ug/l #	15
16) Acetone	3.942	43	7955	44.337	ug/l #	89
20) Methylene Chloride	4.716	84	3316	2.816	ug/l #	84
25) 2-Butanone	7.003	43	758	3.462	ug/l #	82
31) Cyclohexane	7.795	56	1181	1.272	ug/l #	57
36) 1,1-Dichloropropene	7.789	75	3848	5.071	ug/l #	47
38) Carbon Tetrachloride	7.789	117	5210	6.037	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	13907	41.291	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13907	89.629	ug/l #	10
95) Naphthalene	15.233	128	323	4.790	ug/l #	68

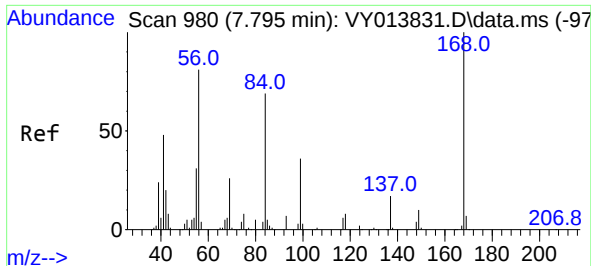
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

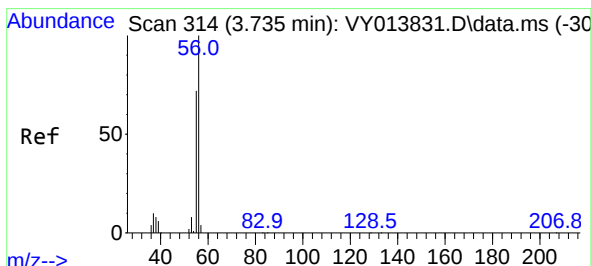
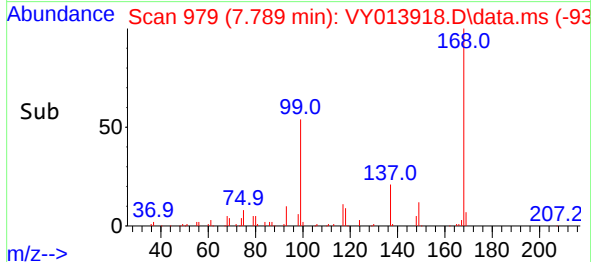
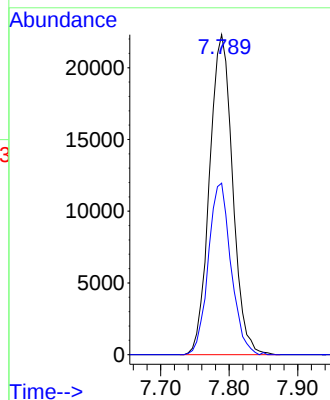
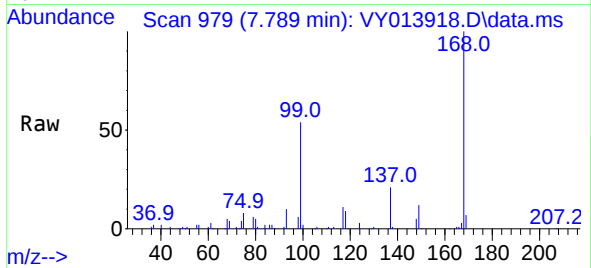




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

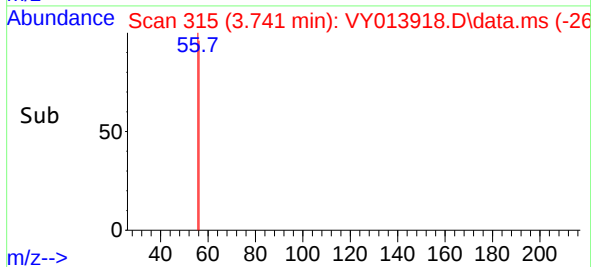
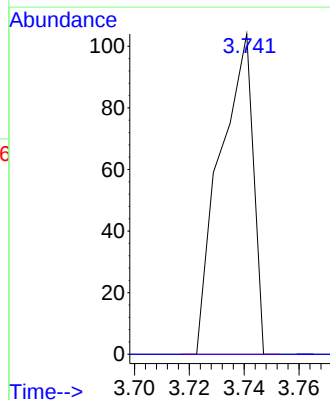
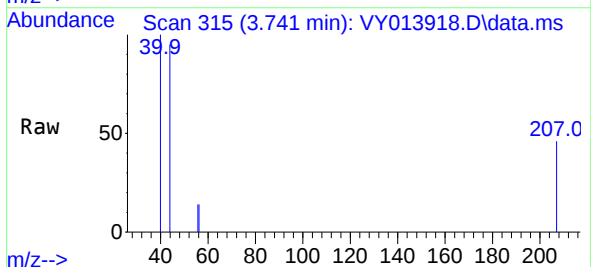
Instrument :
MSVOA_Y
ClientSampleId :
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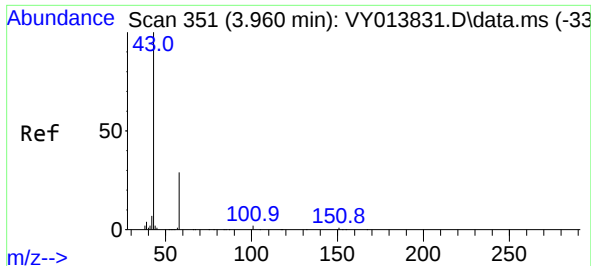
Tgt Ion:168 Resp: 52253
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.2



#13
Acrolein
Concen: 1.249 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.2#

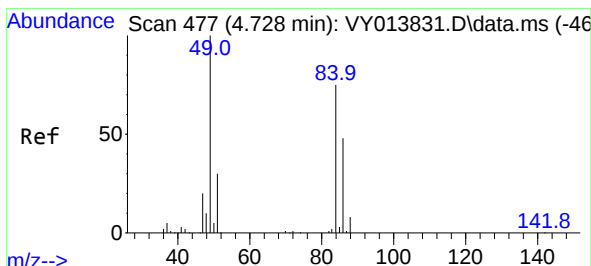
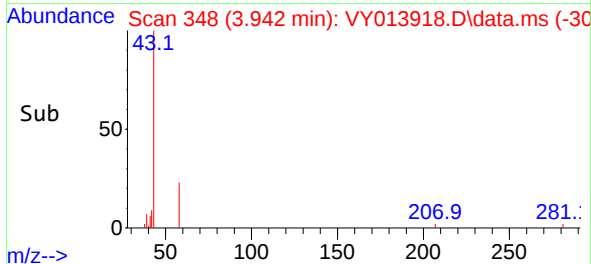
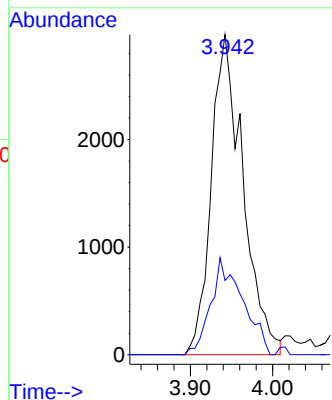
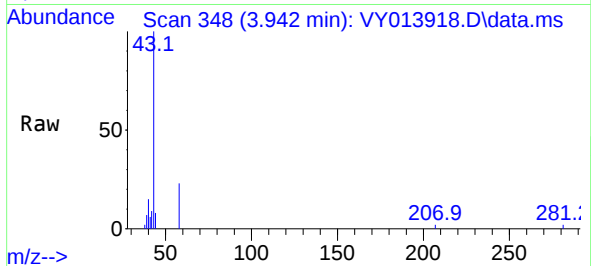




#16
Acetone
Concen: 44.337 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

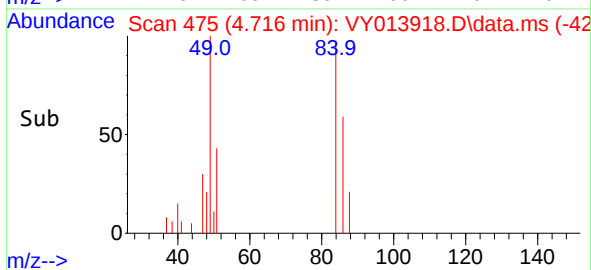
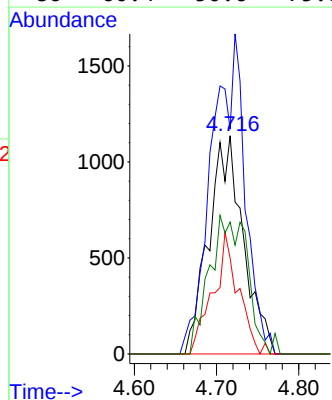
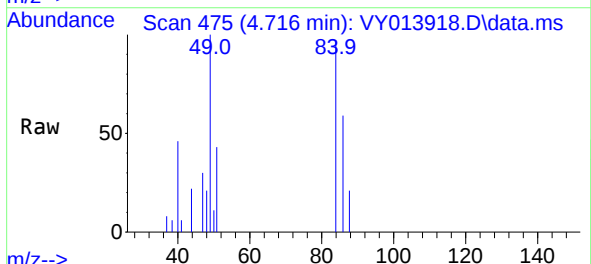
Instrument :
MSVOA_Y
ClientSampleId :
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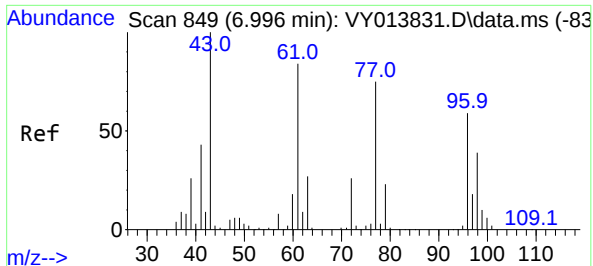
Tgt Ion: 43 Resp: 7955
Ion Ratio Lower Upper
43 100
58 23.2 23.3 34.9#



#20
Methylene Chloride
Concen: 2.816 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion: 84 Resp: 3316
Ion Ratio Lower Upper
84 100
49 103.0 106.2 159.2#
51 43.9 31.4 47.0
86 60.4 50.6 75.8

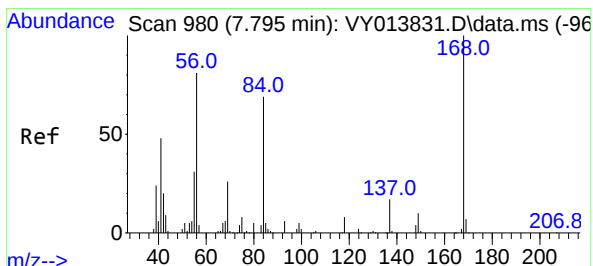
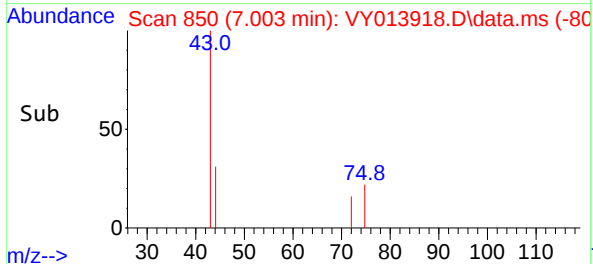
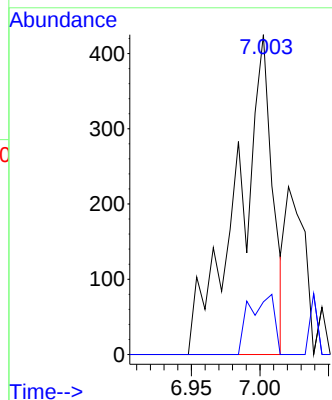
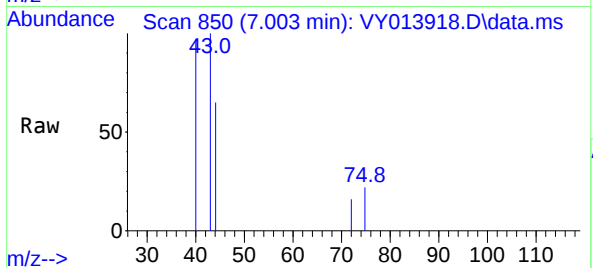




#25
2-Butanone
Concen: 3.462 ug/l
RT: 7.003 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

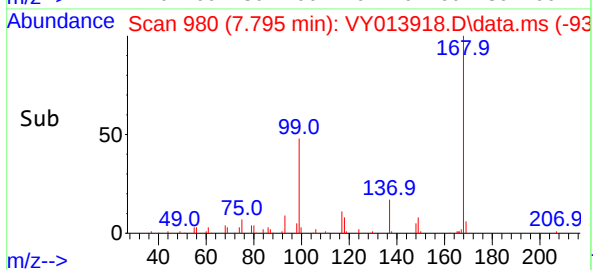
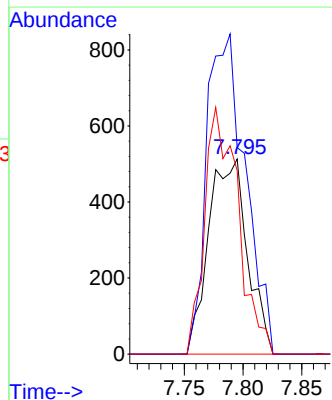
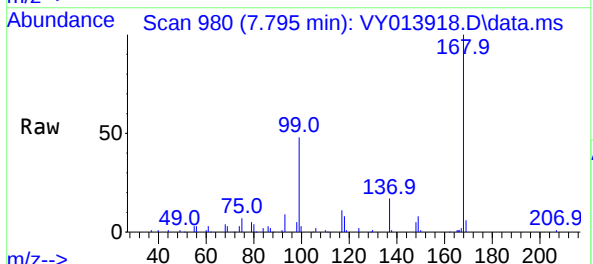
Instrument :
MSVOA_Y
ClientSampleId :
SB17BRE

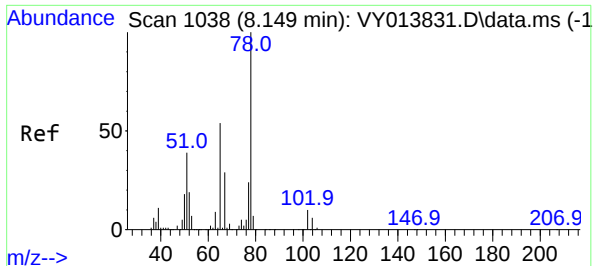
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
72 16.5 20.5 30.7#



#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion: 56 Resp: 1181
Ion Ratio Lower Upper
56 100
69 105.8 25.8 38.8#
84 94.2 68.2 102.2

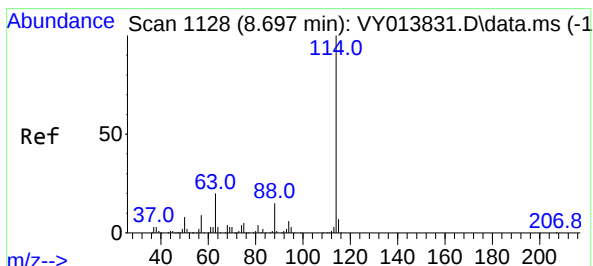
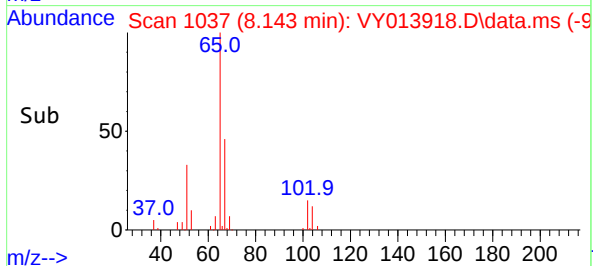
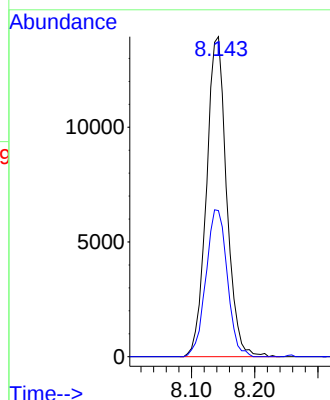
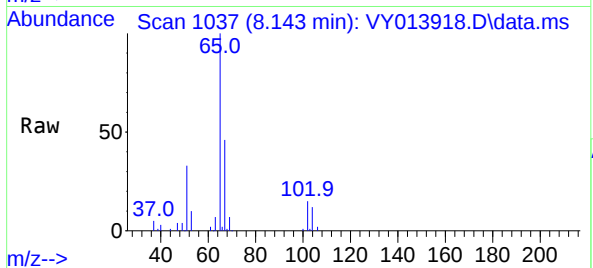




#33
1,2-Dichloroethane-d4
Concen: 51.138 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

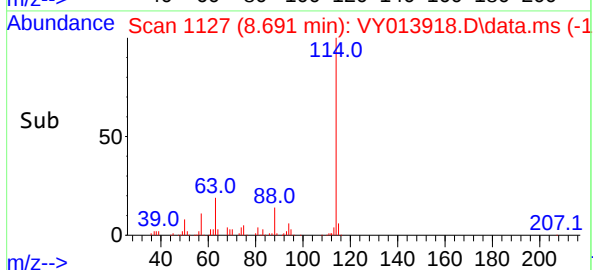
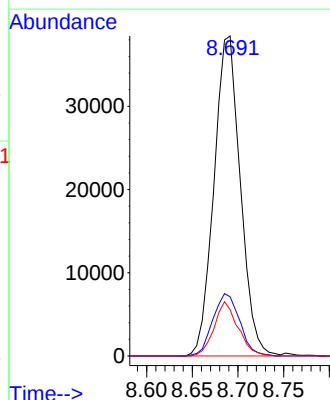
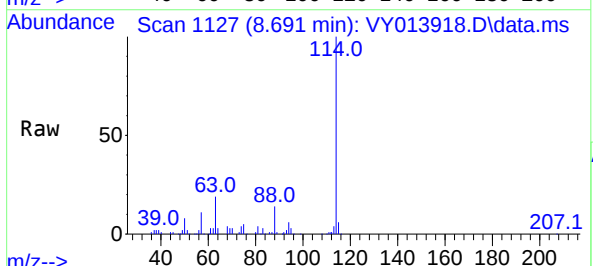
Instrument :
MSVOA_Y
ClientSampleId :
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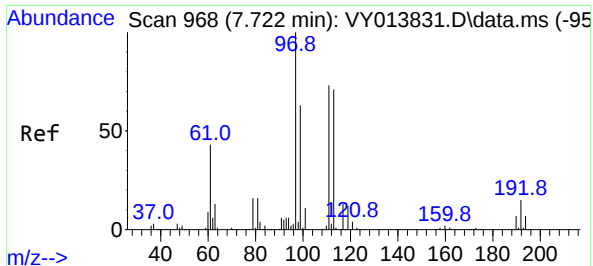
Tgt Ion: 65 Resp: 30914
Ion Ratio Lower Upper
65 100
67 48.5 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion: 114 Resp: 77150
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.2
88 14.5 0.0 30.0

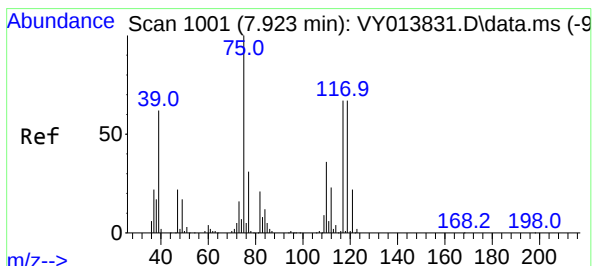
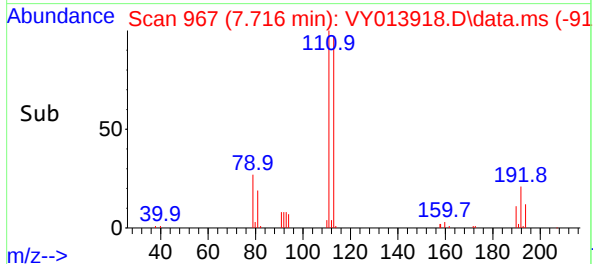
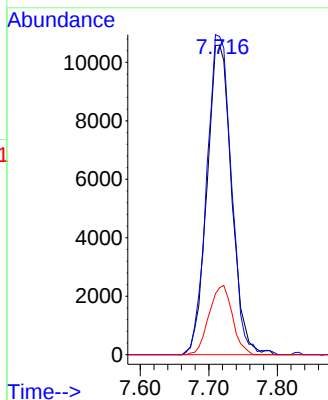
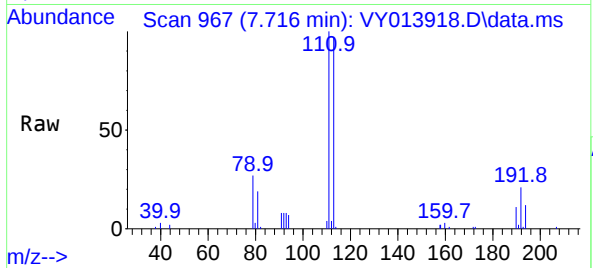




#35
Dibromofluoromethane
Concen: 53.053 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

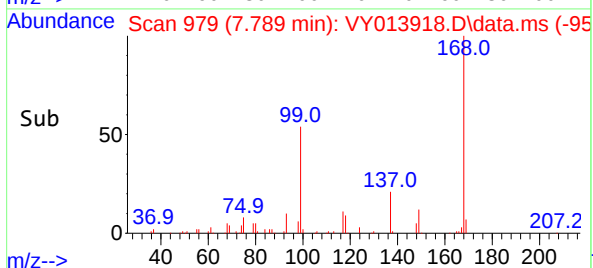
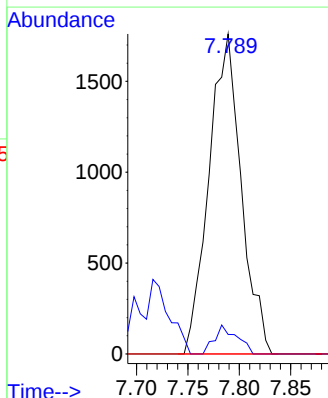
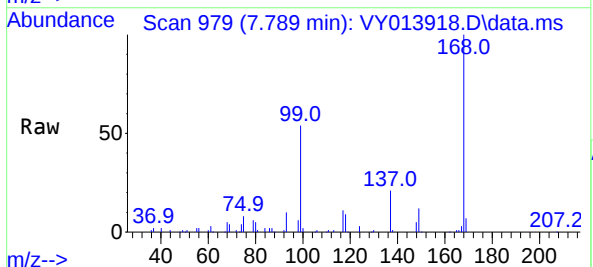
Instrument :
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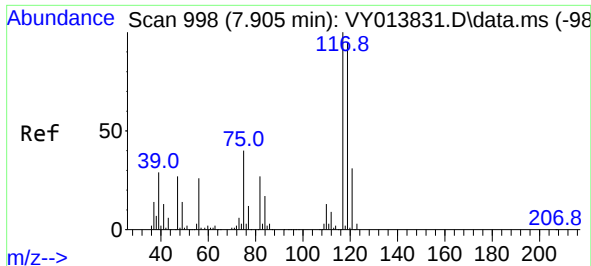
Tgt Ion:113 Resp: 26433
Ion Ratio Lower Upper
113 100
111 103.2 80.4 120.6
192 21.2 16.6 25.0



#36
1,1-Dichloropropene
Concen: 5.071 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion: 75 Resp: 3848
Ion Ratio Lower Upper
75 100
110 6.2 17.5 52.6#
77 0.0 24.4 36.6#

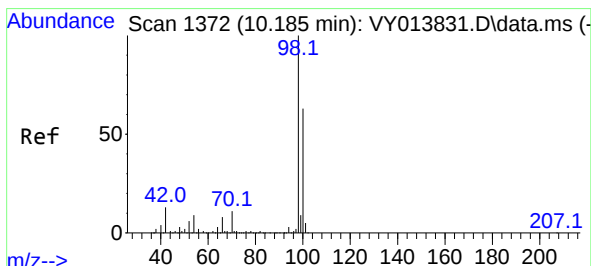
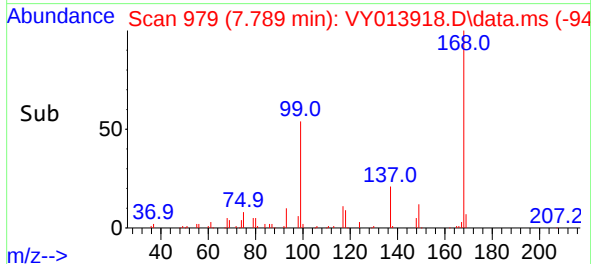
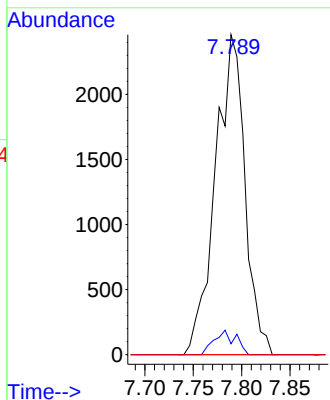
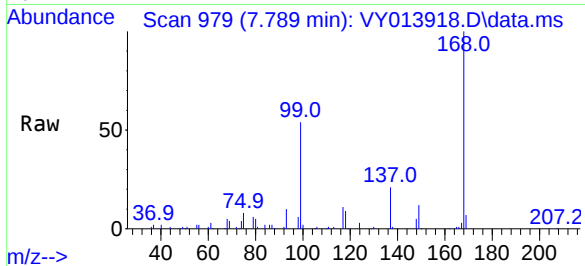




#38
Carbon Tetrachloride
Concen: 6.037 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

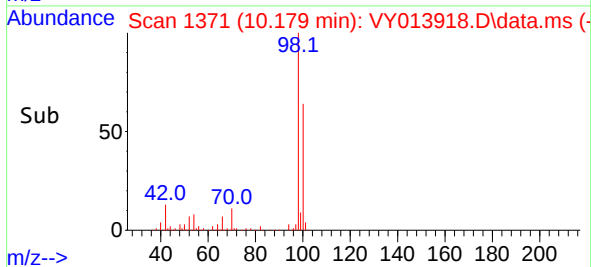
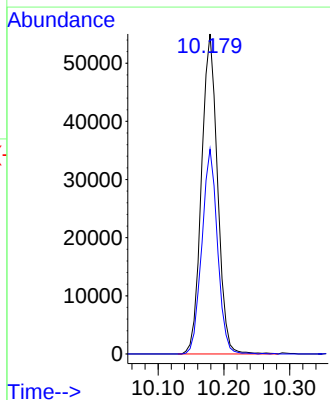
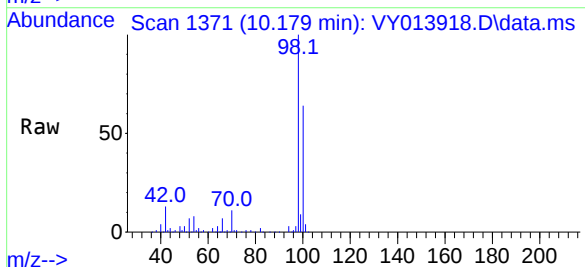
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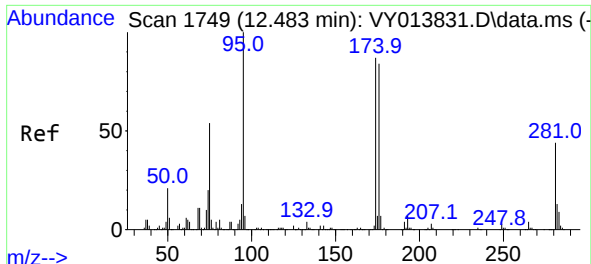
Tgt Ion:117 Resp: 5210
Ion Ratio Lower Upper
117 100
119 3.4 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.278 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion: 98 Resp: 93316
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2

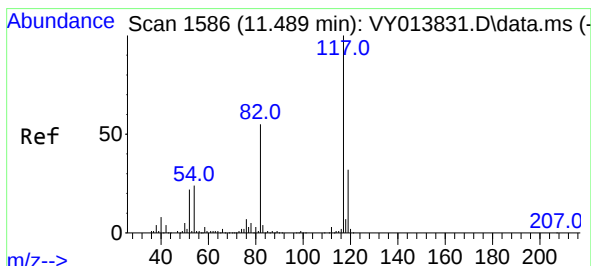
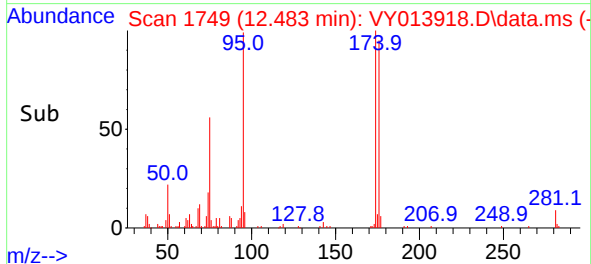
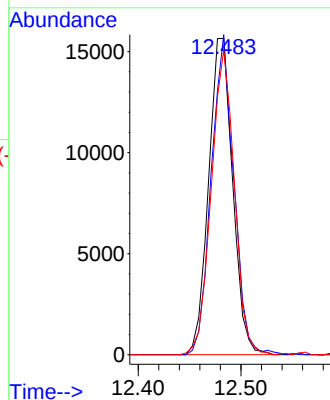
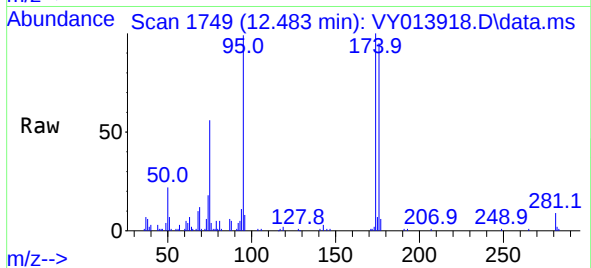




#62
4-Bromofluorobenzene
Concen: 40.467 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

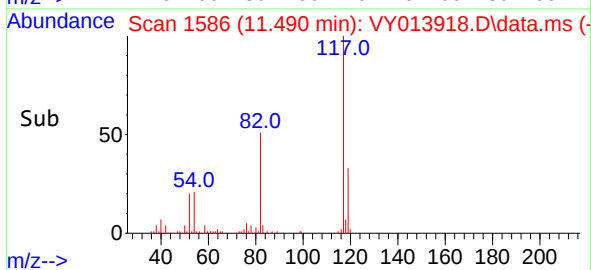
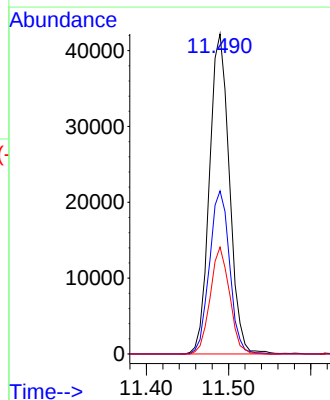
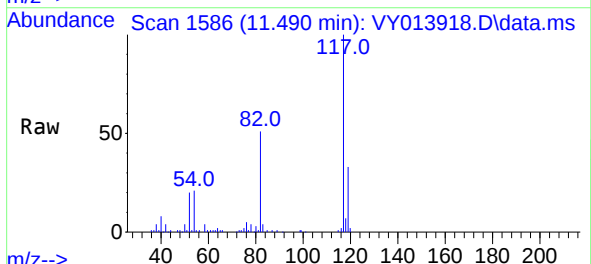
Instrument :
MSVOA_Y
ClientSampleId :
SB17BRE

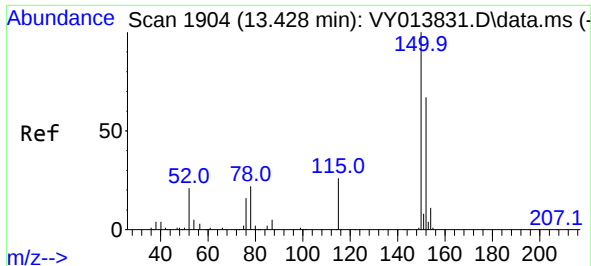
Tgt Ion: 95 Resp: 25472
Ion Ratio Lower Upper
95 100
174 94.7 0.0 176.0
176 92.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion: 117 Resp: 71094
Ion Ratio Lower Upper
117 100
82 50.9 44.2 66.4
119 33.4 25.7 38.5

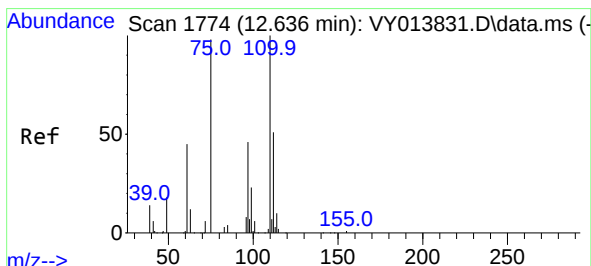
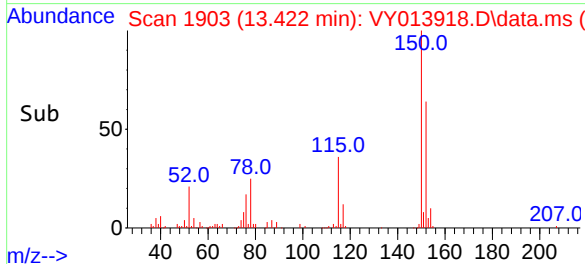
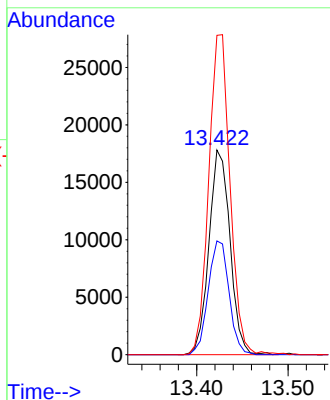
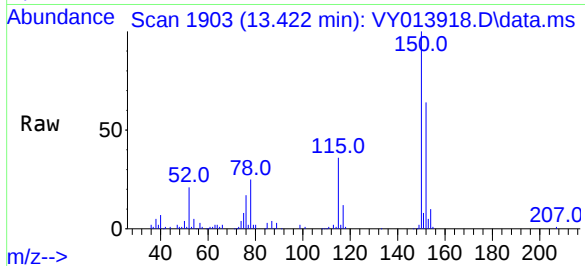




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

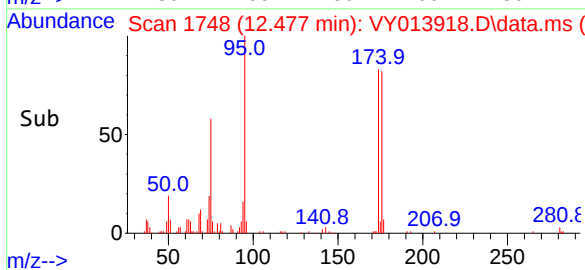
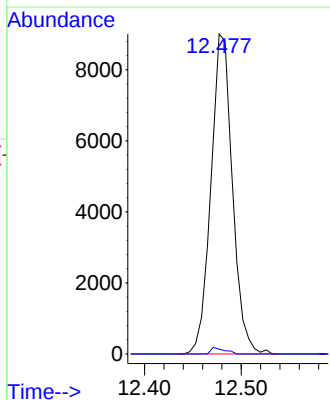
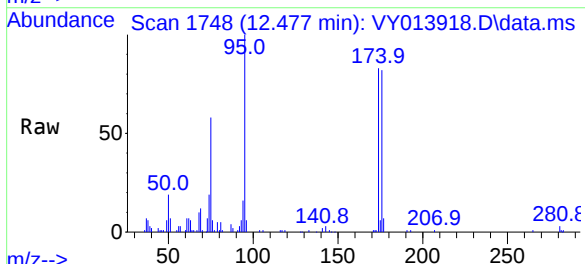
Instrument :
MSVOA_Y
ClientSampleId :
SB17BRE

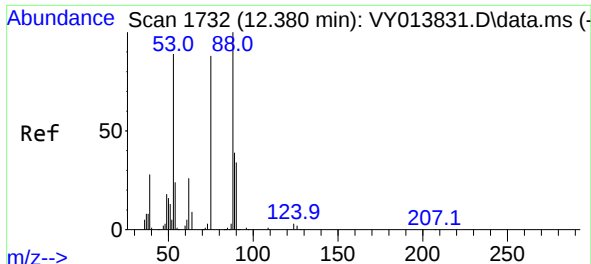
Tgt Ion:152 Resp: 28564
Ion Ratio Lower Upper
152 100
115 54.8 28.8 86.5
150 158.0 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 41.291 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion: 75 Resp: 13907
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

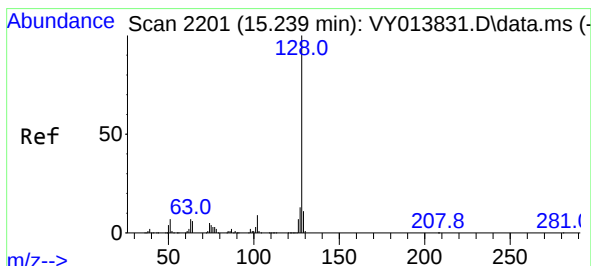
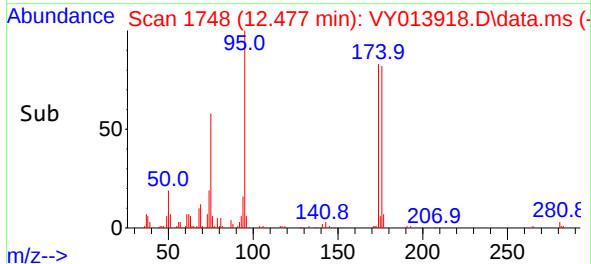
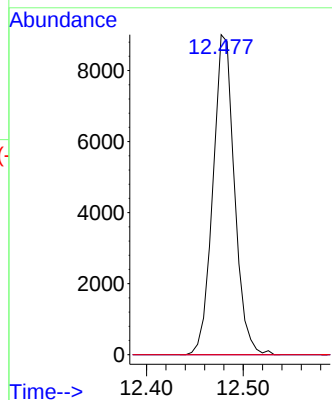
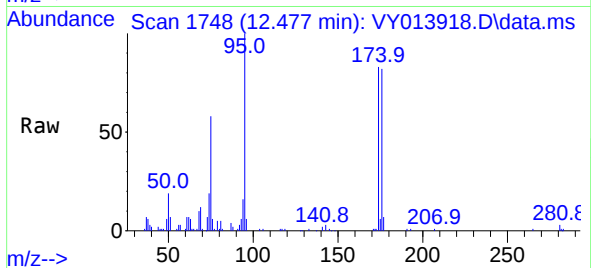




#81
trans-1,4-Dichloro-2-butene
Concen: 89.629 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
SB17BRE

Tgt Ion: 75 Resp: 13907
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.790 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013918.D
Acq: 30 May 2023 14:45

Tgt Ion:128 Resp: 323
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

