

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012818.D
 Acq On : 06 Mar 2023 13:12
 Operator : KP/MD
 Sample : 01749-06RE
 Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-8

Quant Time: Mar 06 14:14:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

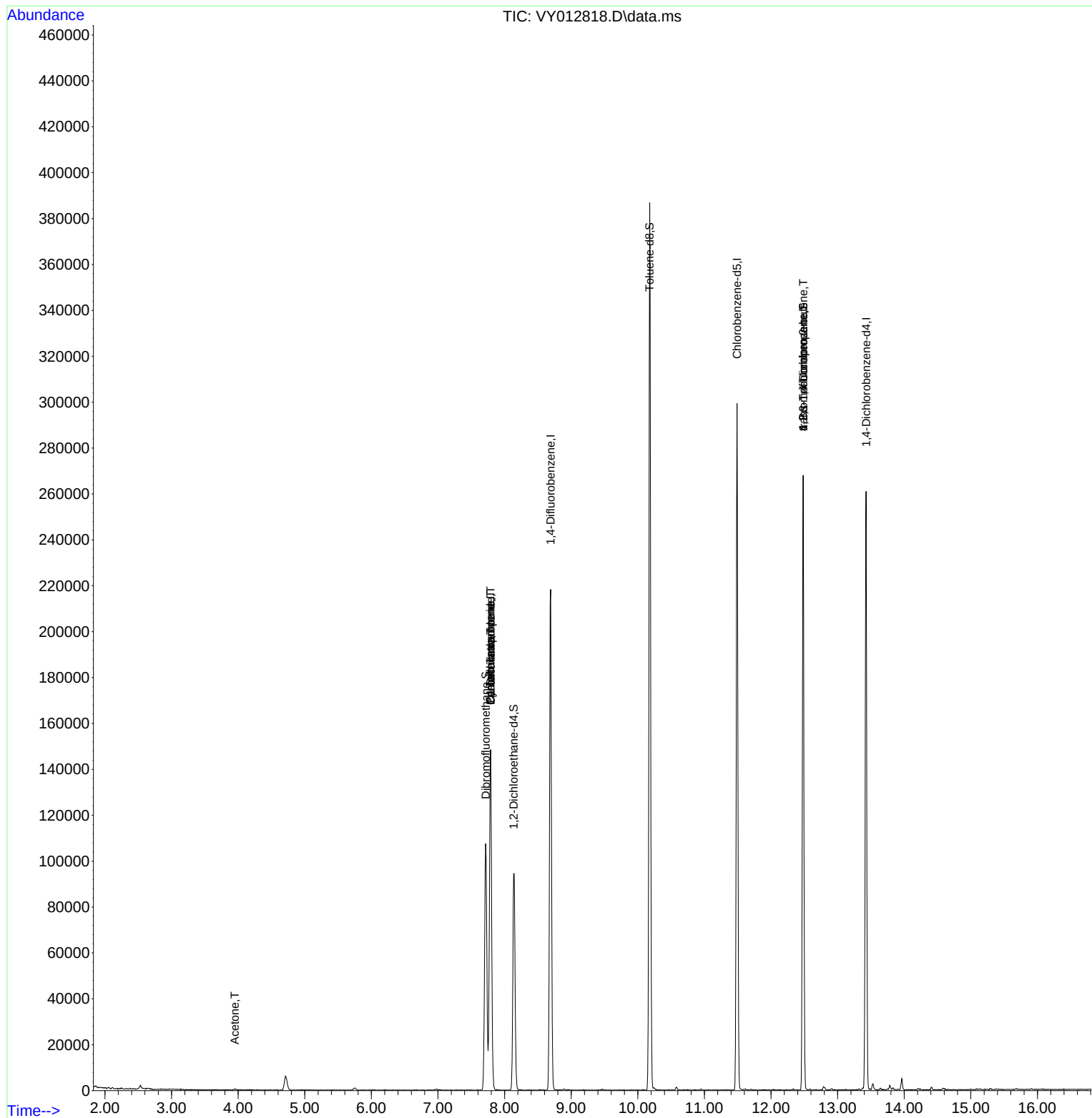
Internal Standards						
1) Pentafluorobenzene	7.789	168	117564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	158424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76536	65.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.140%
35) Dibromofluoromethane	7.716	113	75049	66.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.820%
50) Toluene-d8	10.179	98	251030	61.216	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.440%
62) 4-Bromofluorobenzene	12.483	95	73975	53.446	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.900%
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	20	Below Cal	#	74
16) Acetone	3.948	43	734	1.602	ug/l #	87
20) Methylene Chloride	4.710	84	4379	Below Cal		94
31) Cyclohexane	7.789	56	2414	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8689	4.622	ug/l #	49
38) Carbon Tetrachloride	7.789	117	11344	5.844	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	38749	47.999	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38749	99.455	ug/l #	13

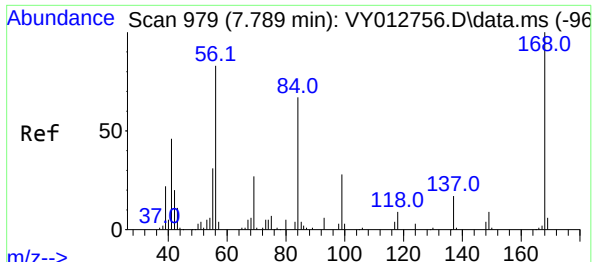
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

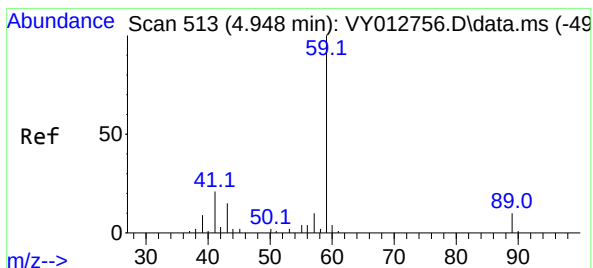
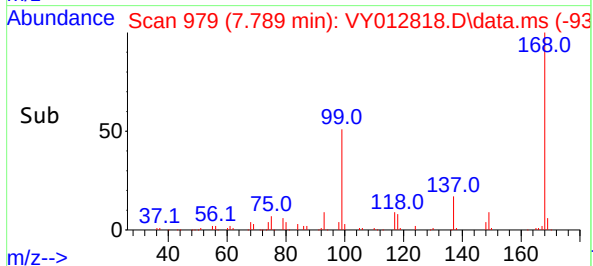
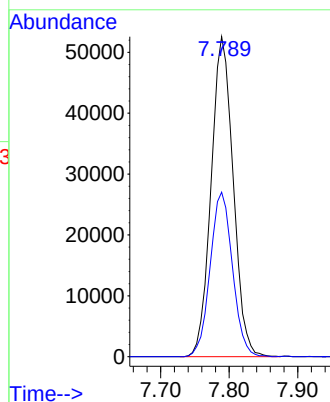
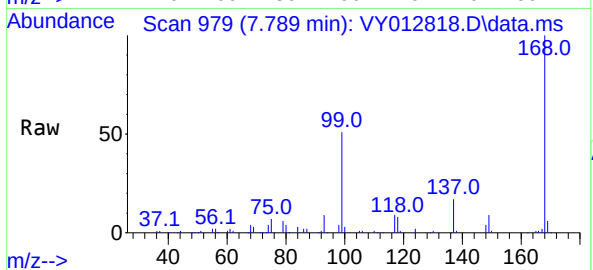




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

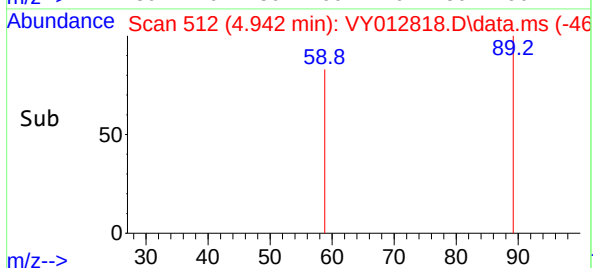
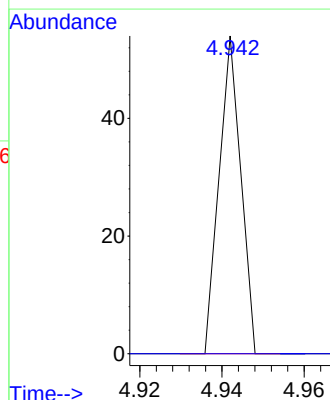
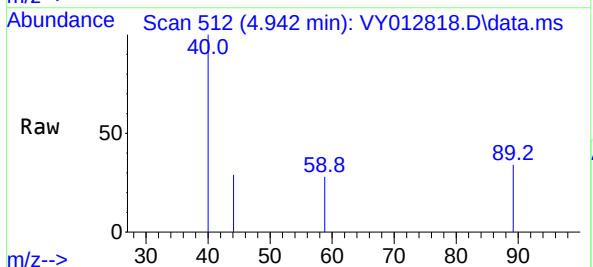
Instrument :
MSVOA_Y
ClientSampleId :
CF-8

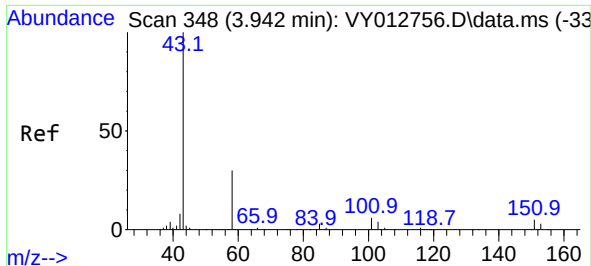
Tgt Ion:168 Resp: 117564
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

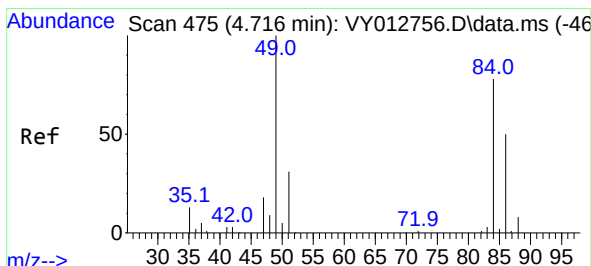
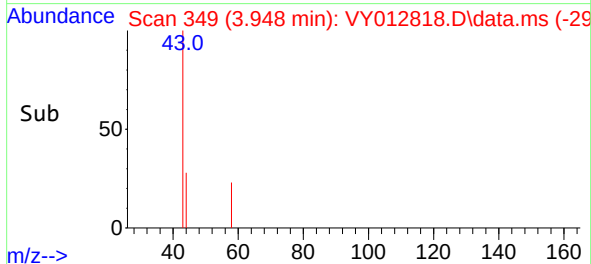
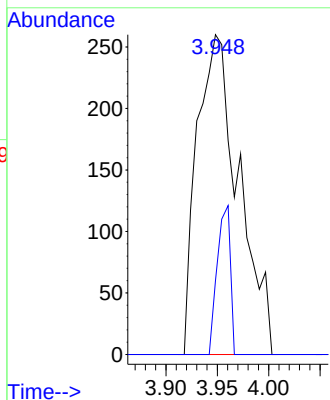
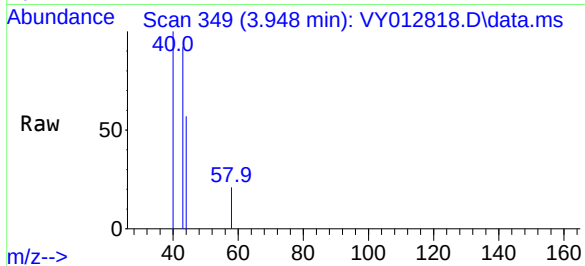




#16
Acetone
Concen: 1.602 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

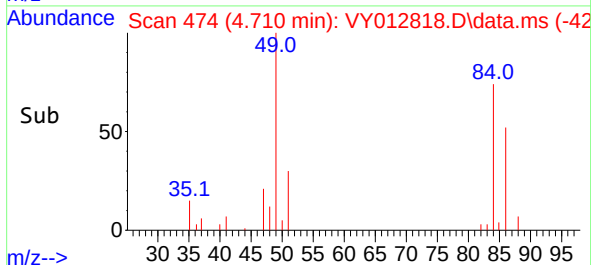
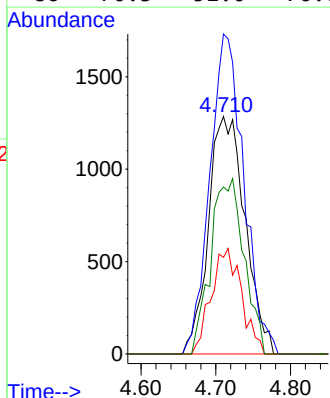
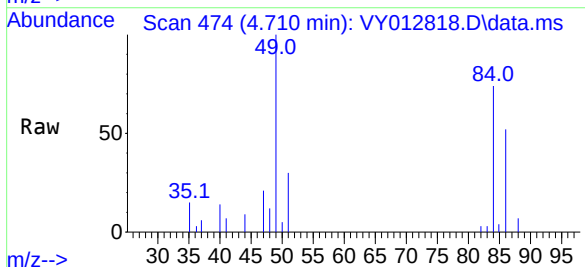
Instrument :
MSVOA_Y
ClientSampleId :
CF-8

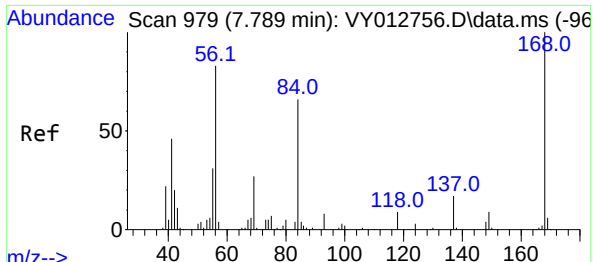
Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 23.1 24.2 36.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

Tgt Ion: 84 Resp: 4379
Ion Ratio Lower Upper
84 100
49 134.8 102.6 154.0
51 40.7 31.9 47.9
86 70.3 51.0 76.6

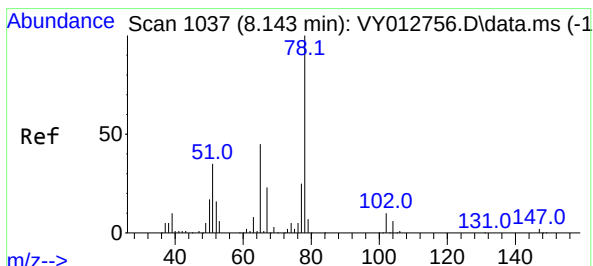
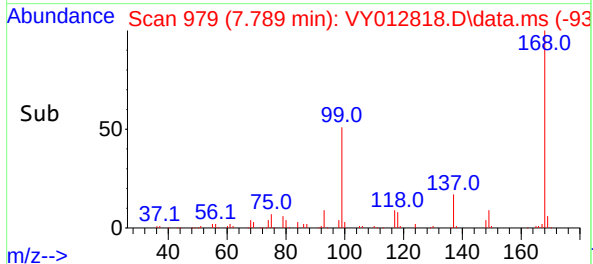
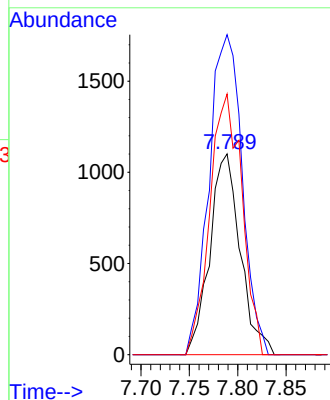
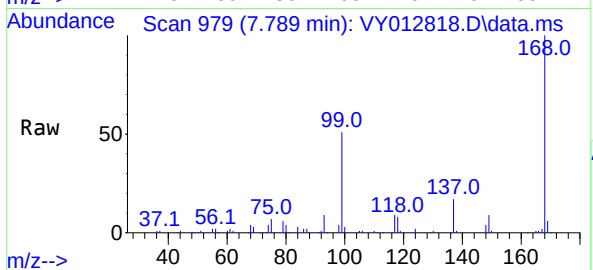




#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

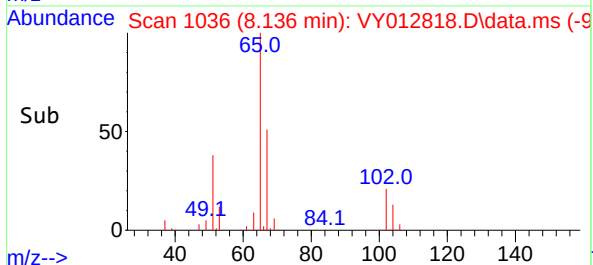
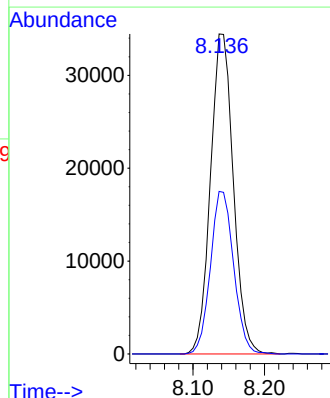
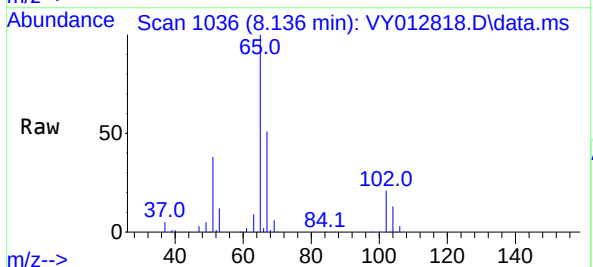
Instrument :
MSVOA_Y
ClientSampleId :
CF-8

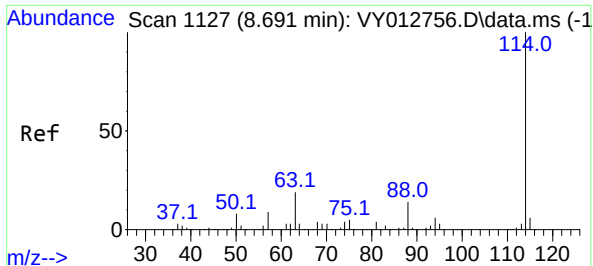
Tgt Ion: 56 Resp: 2414
Ion Ratio Lower Upper
56 100
69 159.4 25.7 38.5#
84 129.8 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 65.569 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

Tgt Ion: 65 Resp: 76536
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012818.D

Acq: 06 Mar 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

CF-8

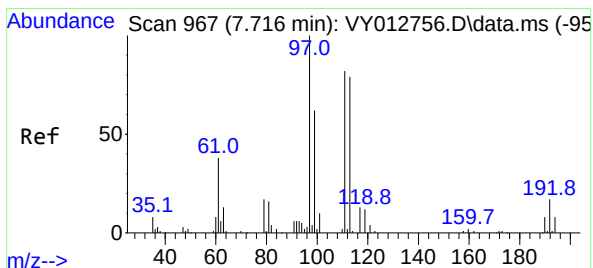
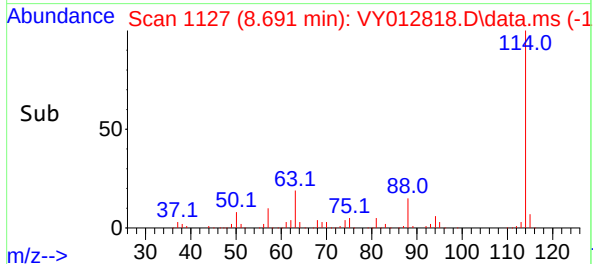
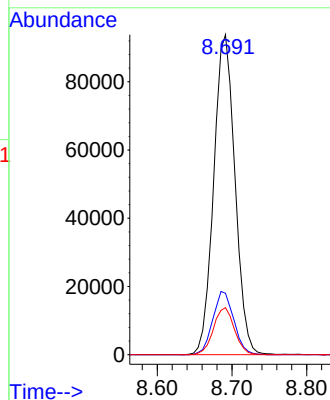
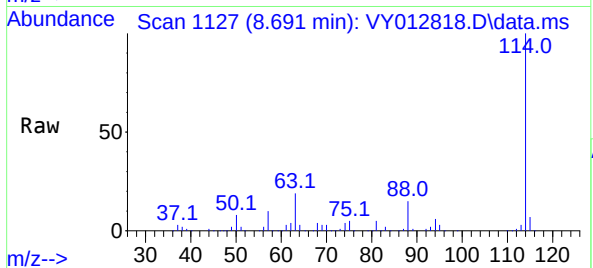
Tgt Ion:114 Resp: 185868

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 66.906 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012818.D

Acq: 06 Mar 2023 13:12

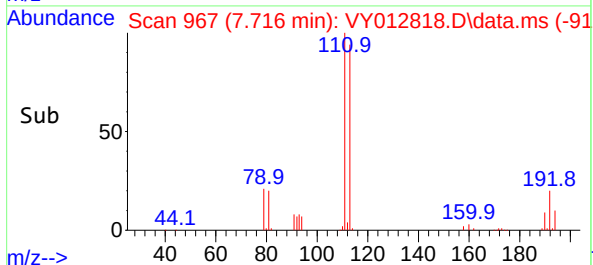
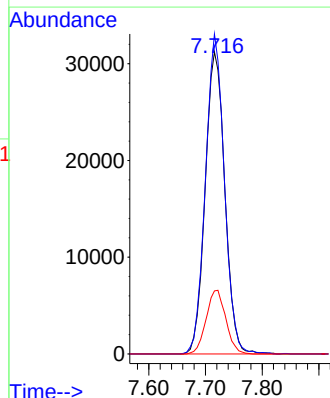
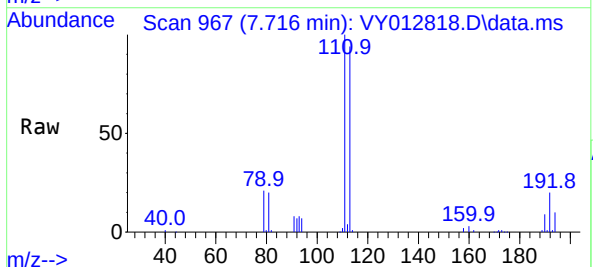
Tgt Ion:113 Resp: 75049

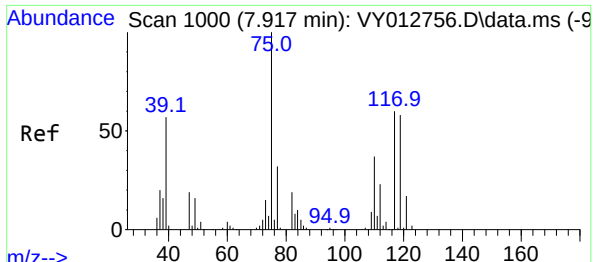
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 21.1 16.8 25.2

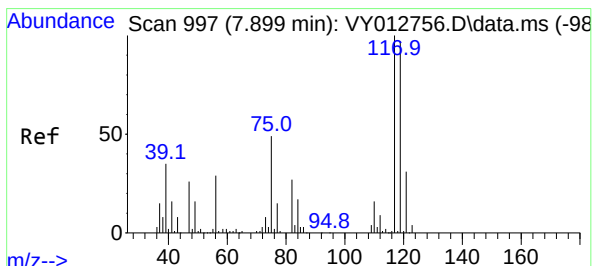
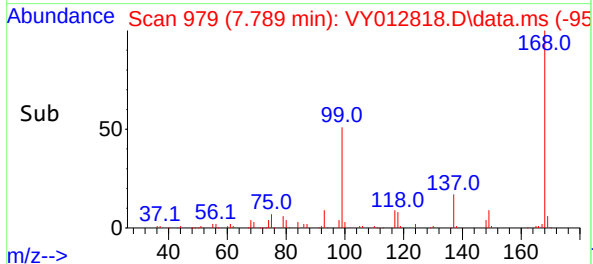
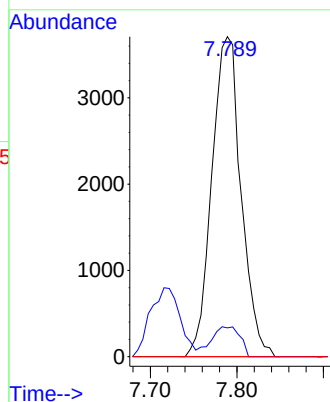
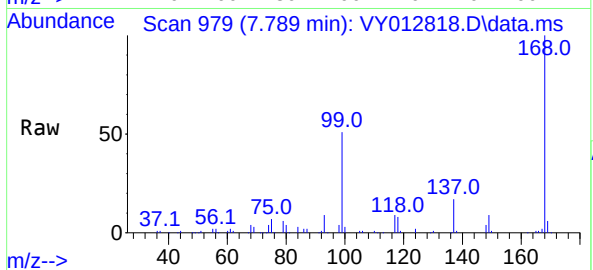




#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

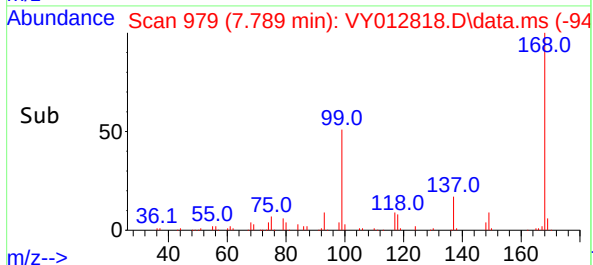
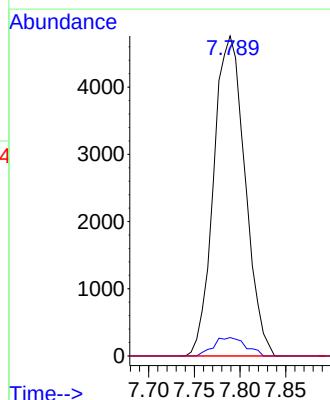
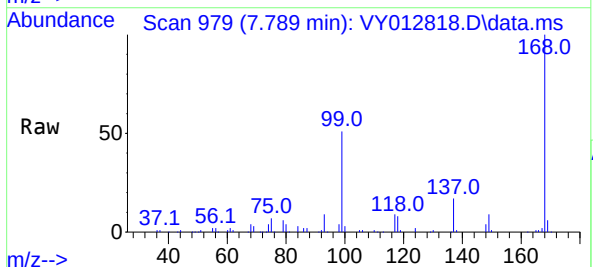
Instrument :
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ClientSampleId :
CF-8

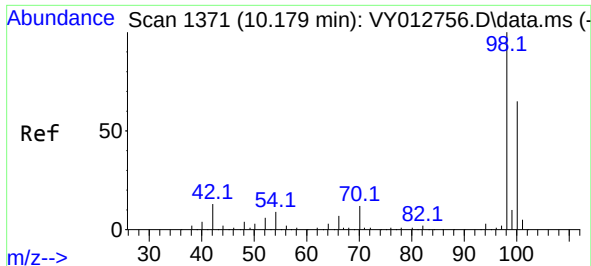
Tgt Ion: 75 Resp: 8689
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.844 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

Tgt Ion: 117 Resp: 11344
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.7 37.1#

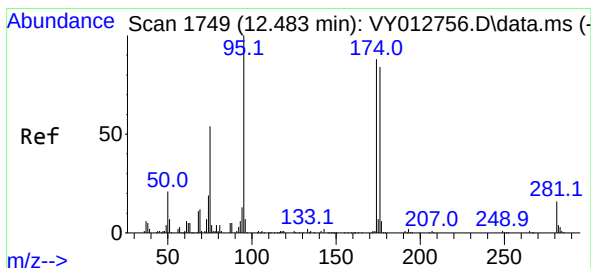
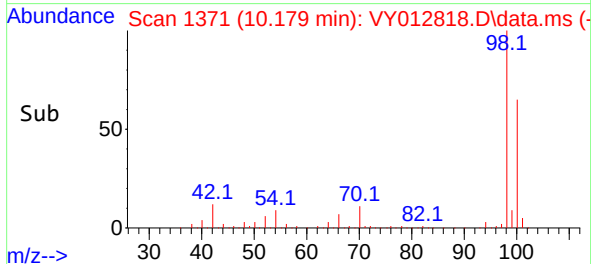
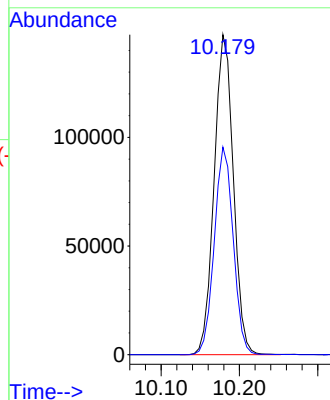
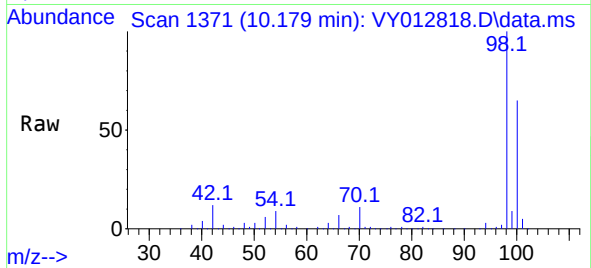




#50
Toluene-d8
Concen: 61.216 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

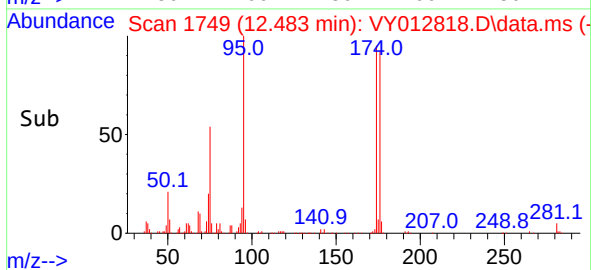
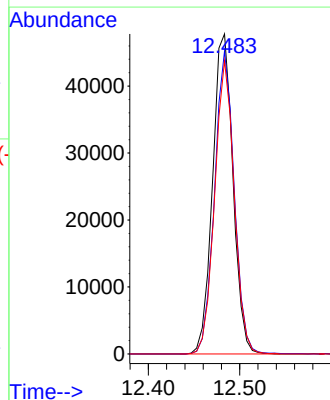
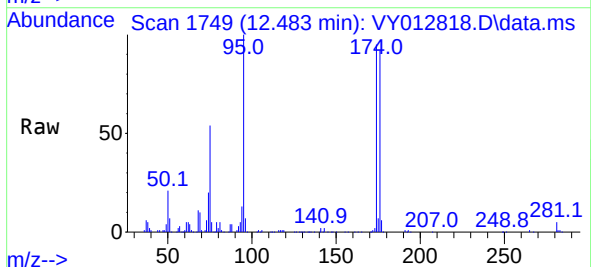
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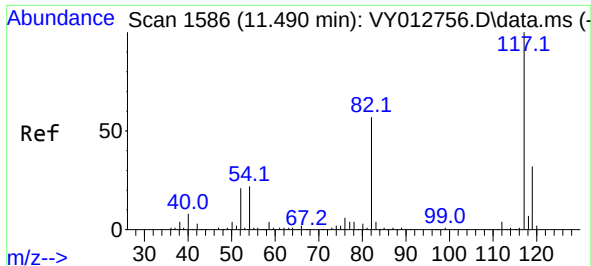
Tgt Ion: 98 Resp: 251030
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 53.446 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

Tgt Ion: 95 Resp: 73975
Ion Ratio Lower Upper
95 100
174 91.4 0.0 176.6
176 88.1 0.0 170.2

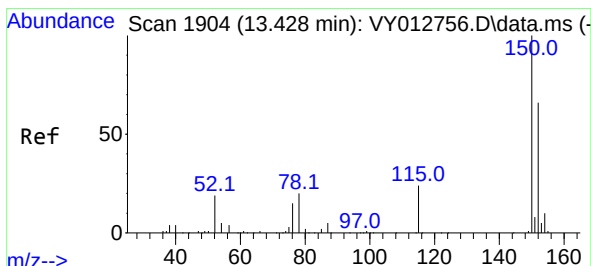
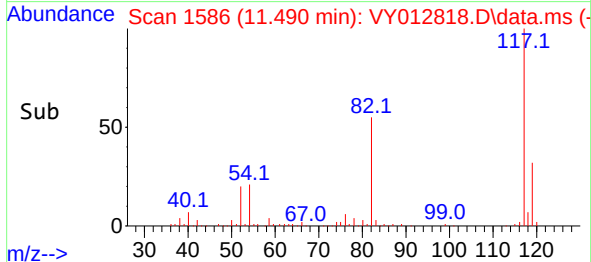
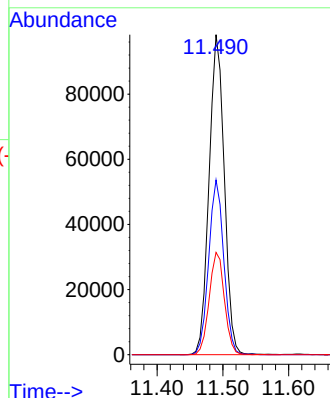
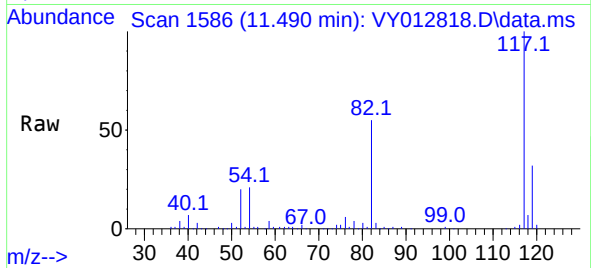




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

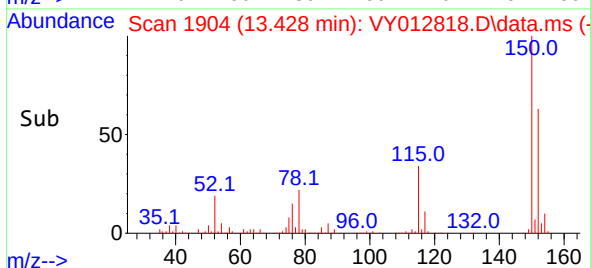
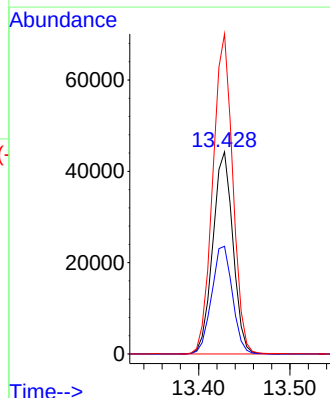
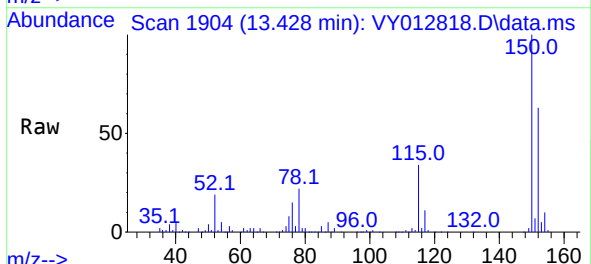
Instrument :
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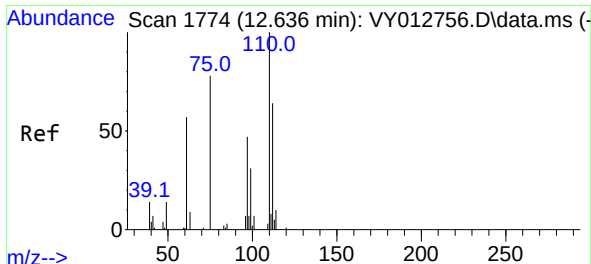
Tgt Ion:117 Resp: 158424
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

Tgt Ion:152 Resp: 67603
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 156.9 0.0 347.8

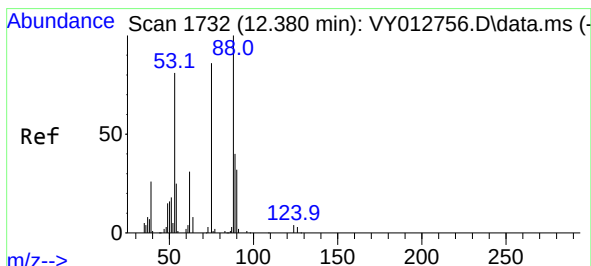
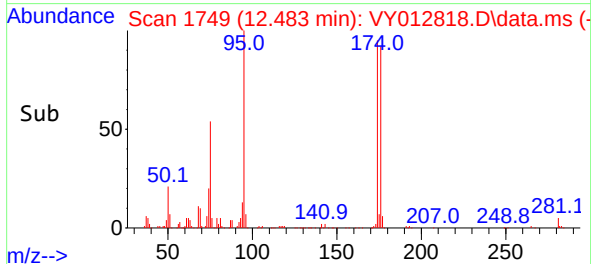
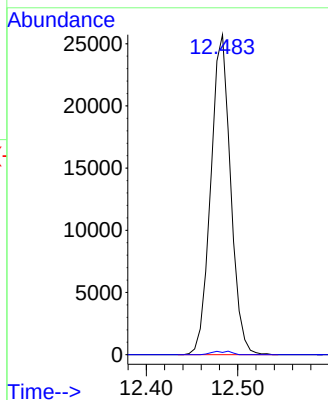
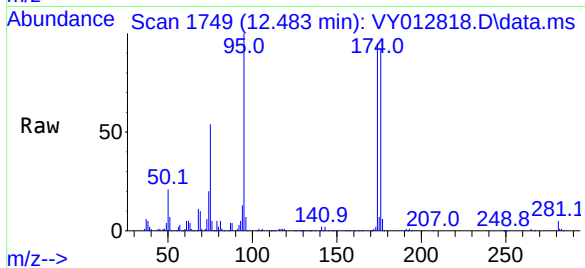




#76
1,2,3-Trichloropropane
Concen: 47.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

Instrument :
MSVOA_Y
ClientSampleId :
CF-8

Tgt Ion: 75 Resp: 38749
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.455 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012818.D
Acq: 06 Mar 2023 13:12

Tgt Ion: 75 Resp: 38749
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

