

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012817.D
 Acq On : 06 Mar 2023 12:49
 Operator : KP/MD
 Sample : 01749-03RE
 Misc : 6.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-5

Quant Time: Mar 06 14:14:26 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)

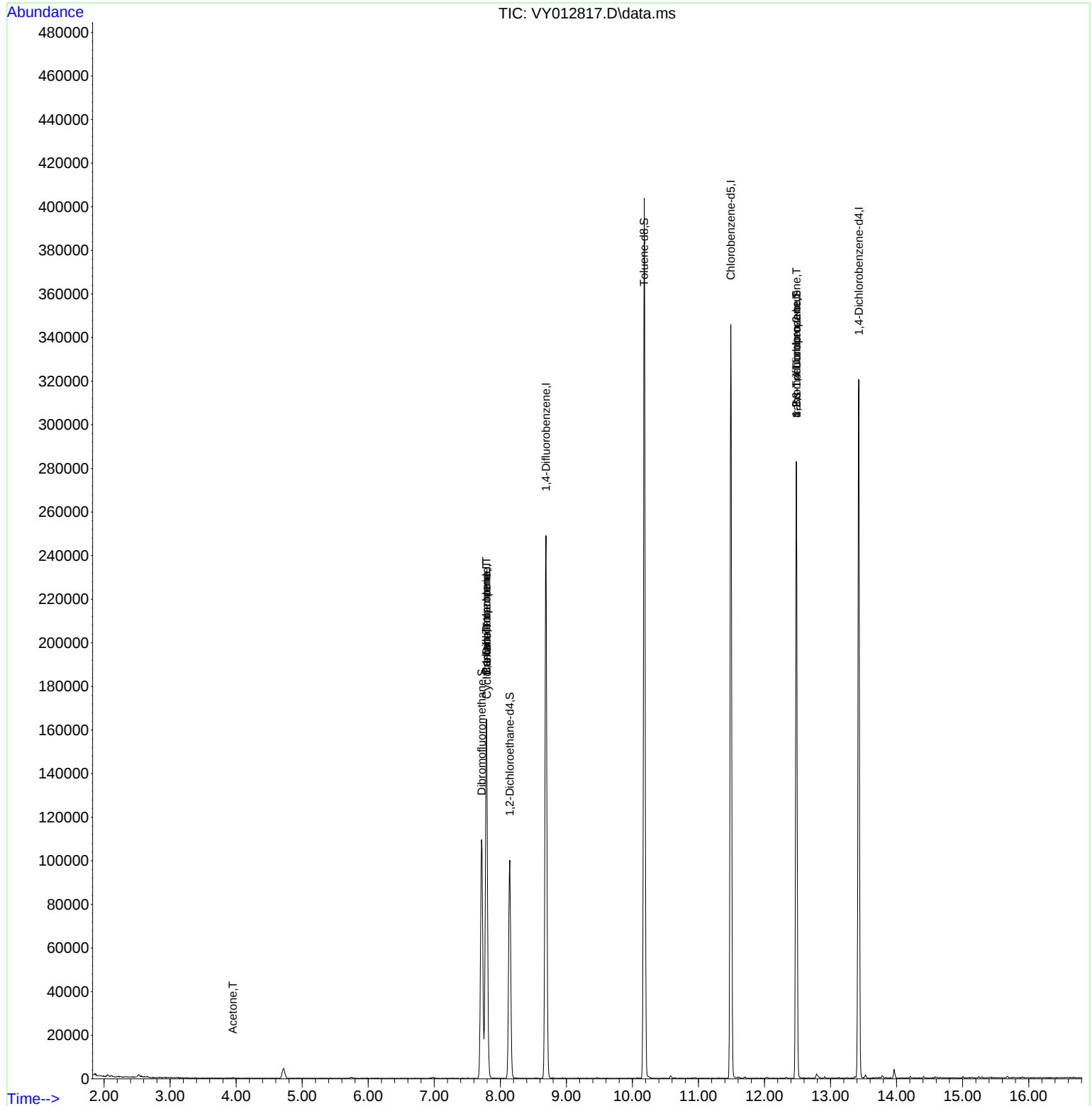
Internal Standards						
1) Pentafluorobenzene	7.789	168	129681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77412	60.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.240%	
35) Dibromofluoromethane	7.715	113	77015	60.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.440%	
50) Toluene-d8	10.178	98	258310	55.703	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.400%	
62) 4-Bromofluorobenzene	12.483	95	78838	50.370	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	599	1.185	ug/l #	44
20) Methylene Chloride	4.710	84	3131	Below Cal		95
31) Cyclohexane	7.795	56	2786	1.130	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	9564	4.499	ug/l #	49
38) Carbon Tetrachloride	7.789	117	12409	5.653	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	40762	41.462	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40762	85.910	ug/l #	13

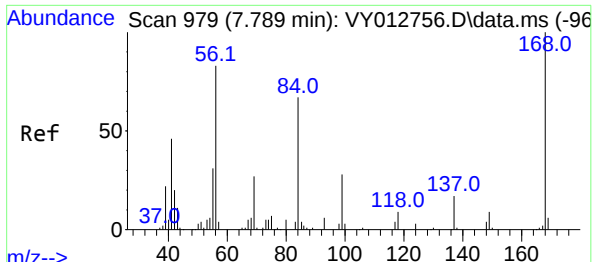
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :
CF-5

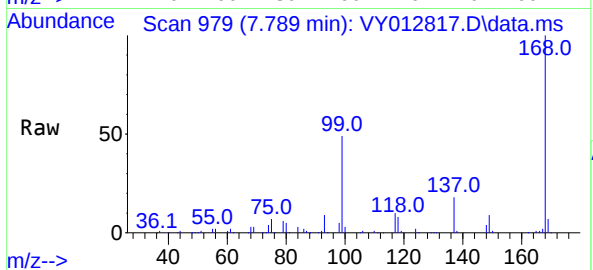
Quant Time: Mar 06 14:14:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



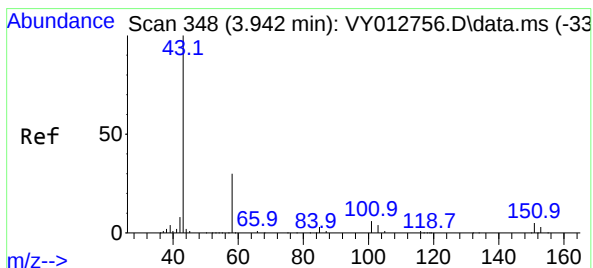
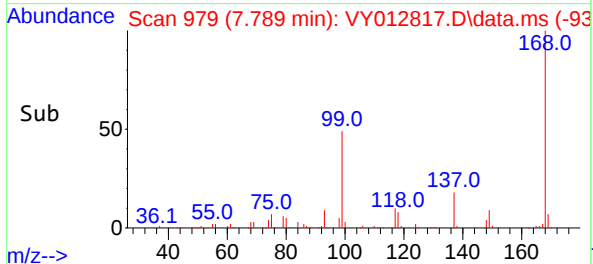
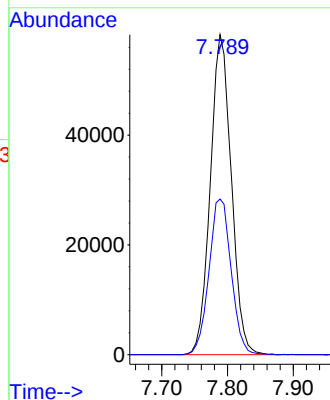


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
CF-5

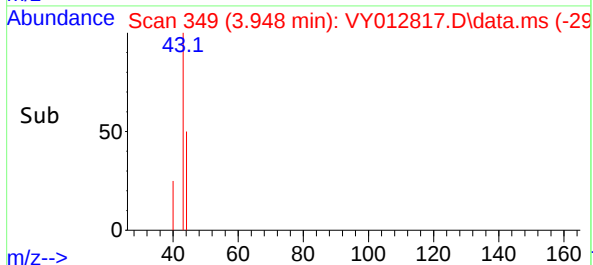
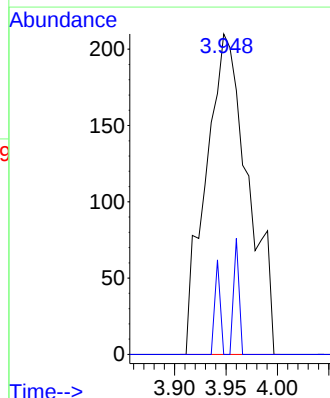
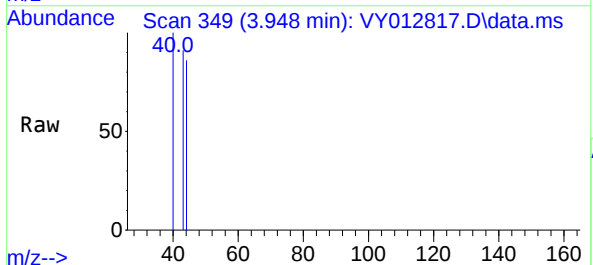


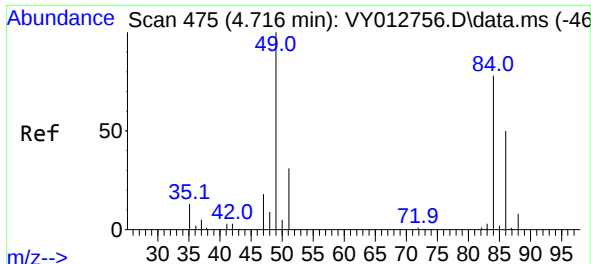
Tgt Ion:168 Resp: 129681
Ion Ratio Lower Upper
168 100
99 48.7 41.7 62.5



#16
Acetone
Concen: 1.185 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



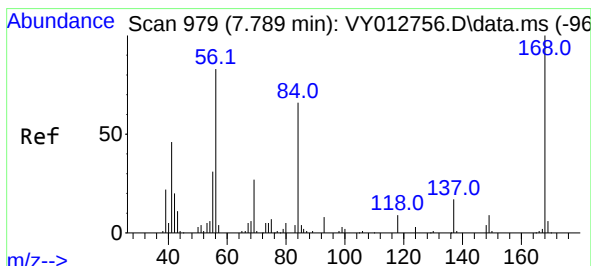
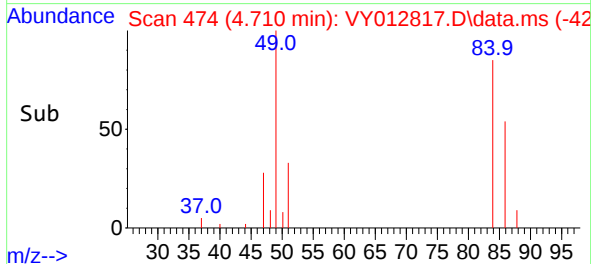
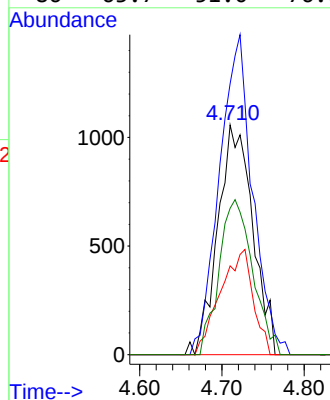
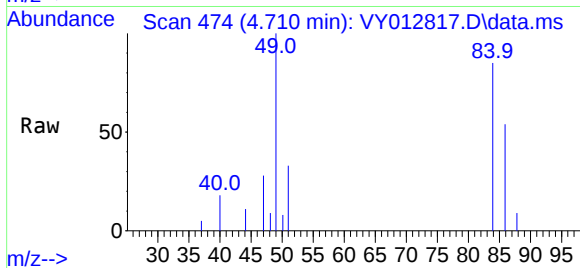


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
CF-5

Tgt Ion: 84 Resp: 3131

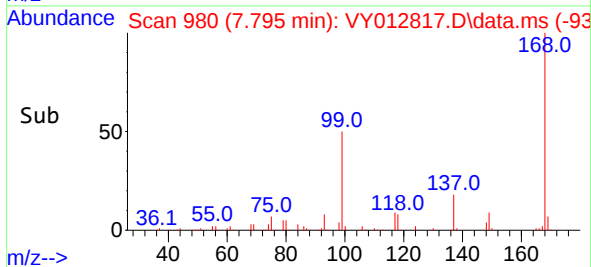
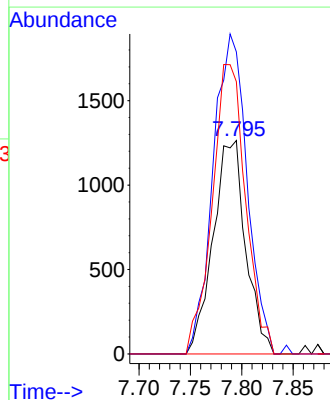
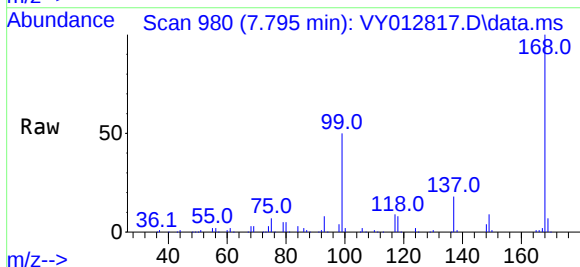
Ion	Ratio	Lower	Upper
84	100		
49	118.0	102.6	154.0
51	38.7	31.9	47.9
86	63.7	51.0	76.6

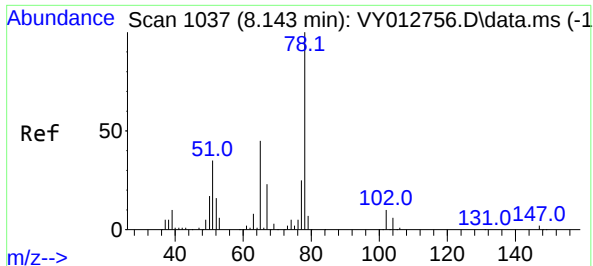


#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

Tgt Ion: 56 Resp: 2786

Ion	Ratio	Lower	Upper
56	100		
69	141.5	25.7	38.5#
84	127.6	64.3	96.5#

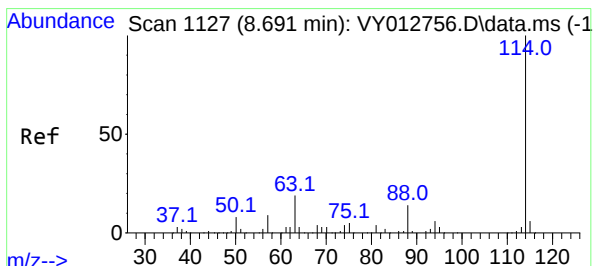
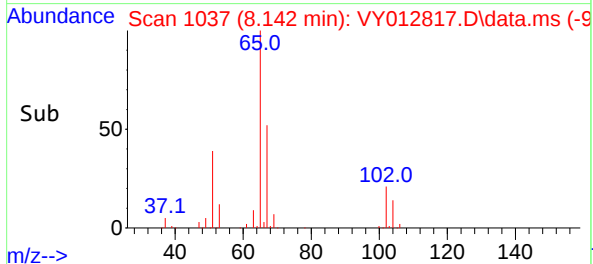
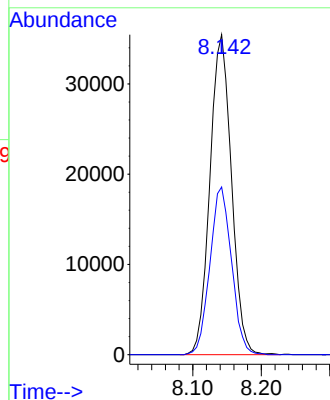
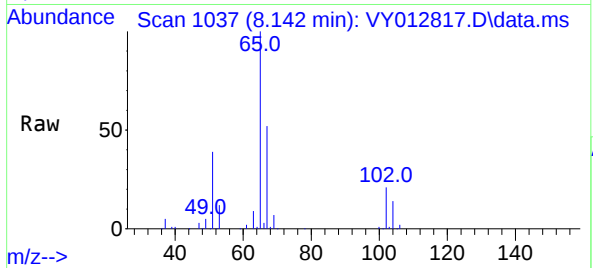




#33
1,2-Dichloroethane-d4
Concen: 60.123 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

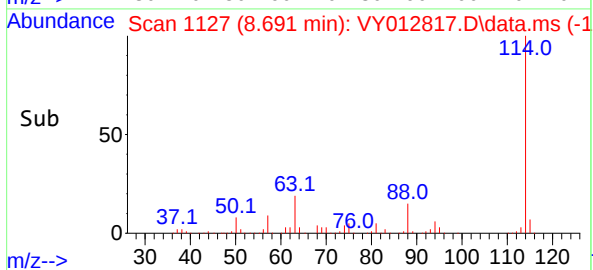
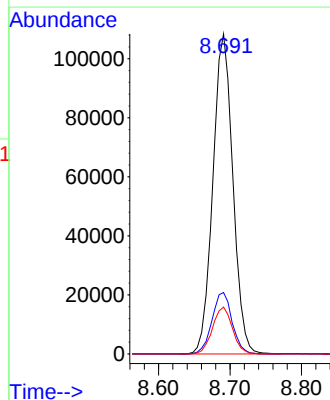
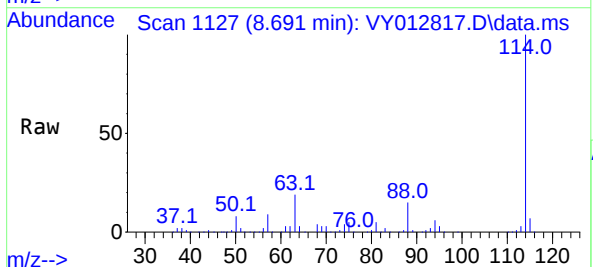
Instrument :
MSVOA_Y
ClientSampleId :
CF-5

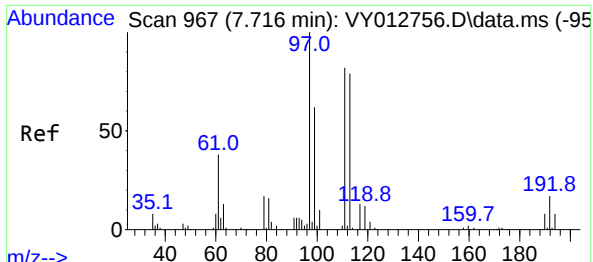
Tgt Ion: 65 Resp: 77412
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

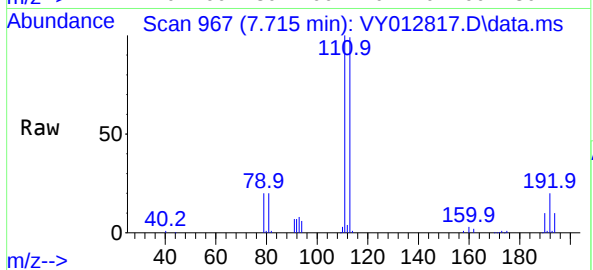
Tgt Ion: 114 Resp: 210185
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 14.7 0.0 28.6



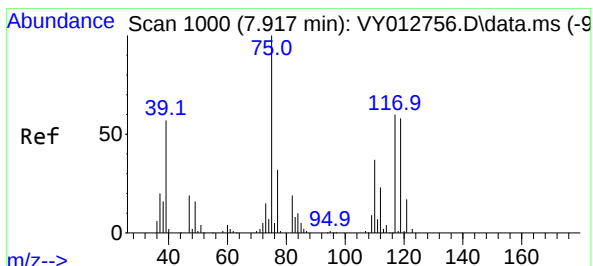
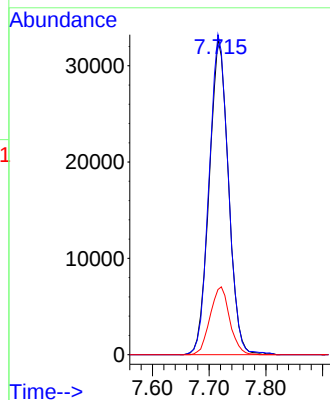
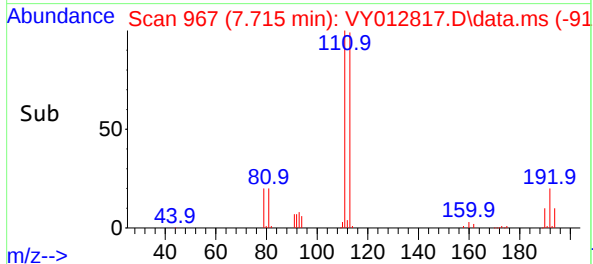


#35
Dibromofluoromethane
Concen: 60.715 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

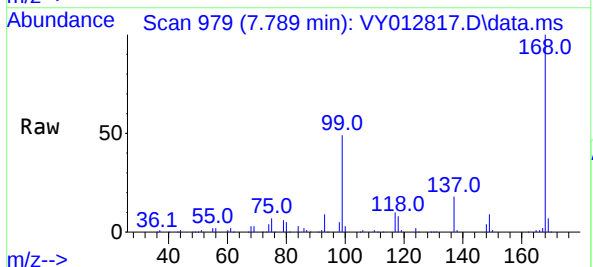
Instrument :
MSVOA_Y
ClientSampleId :
CF-5



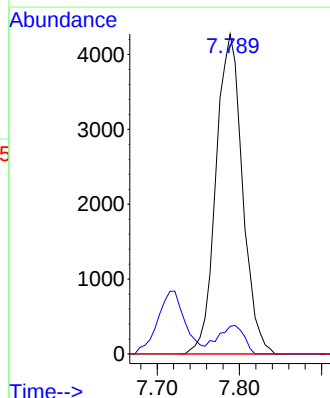
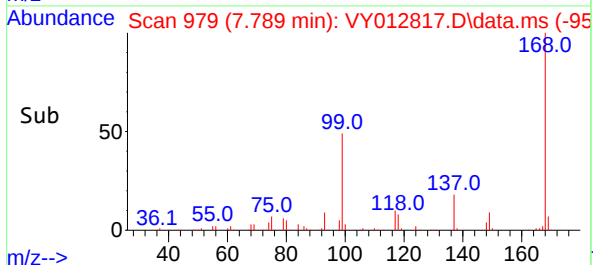
Tgt Ion:113 Resp: 77015
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 21.9 16.8 25.2

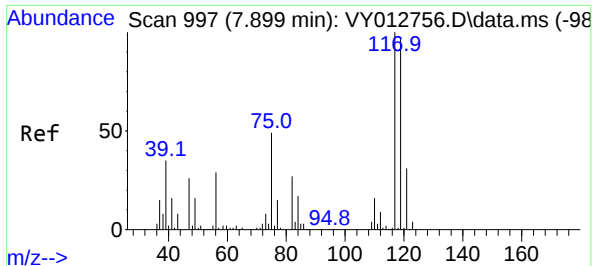


#36
1,1-Dichloropropene
Concen: 4.499 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49



Tgt Ion: 75 Resp: 9564
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 25.0 37.4#

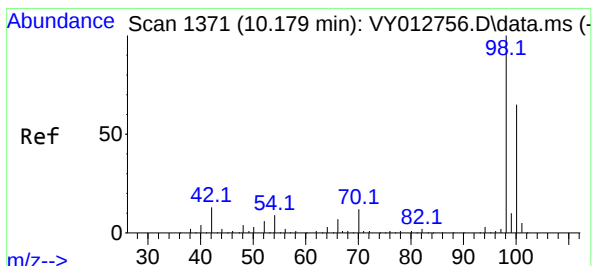
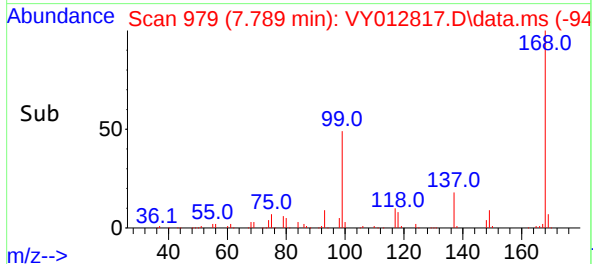
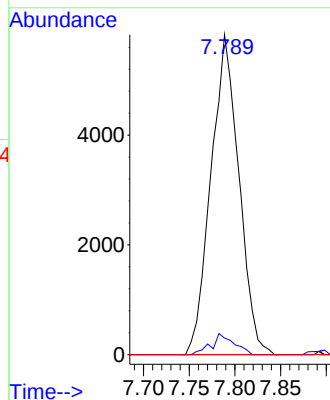
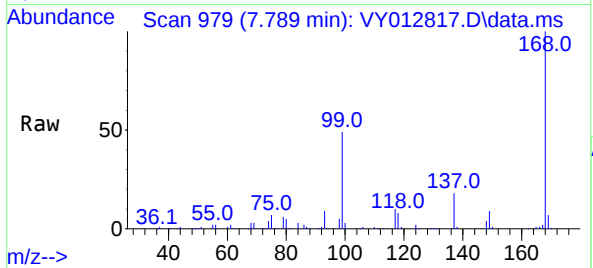




#38
Carbon Tetrachloride
Concen: 5.653 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

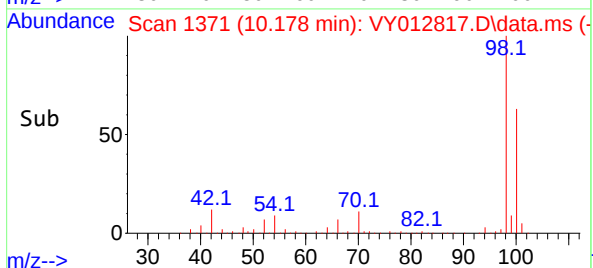
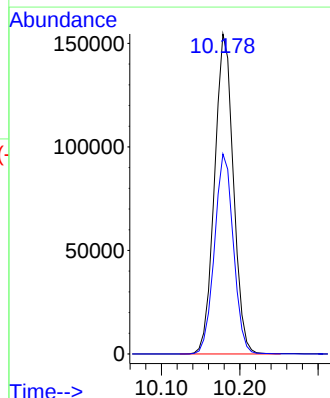
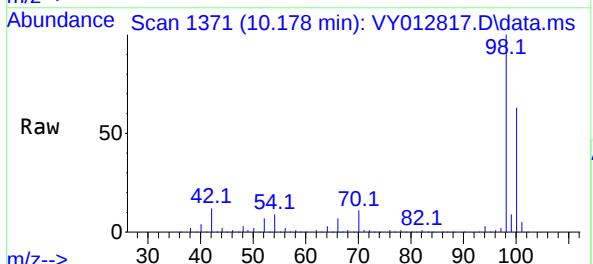
Instrument :
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ClientSampleId :
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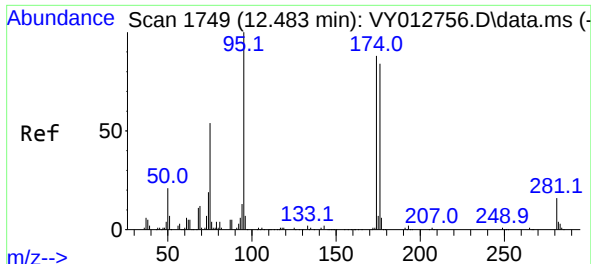
Tgt Ion:117 Resp: 12409
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.703 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

Tgt Ion: 98 Resp: 258310
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

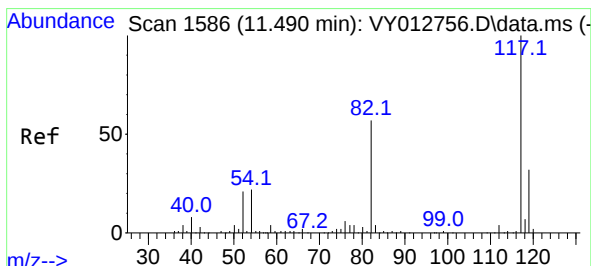
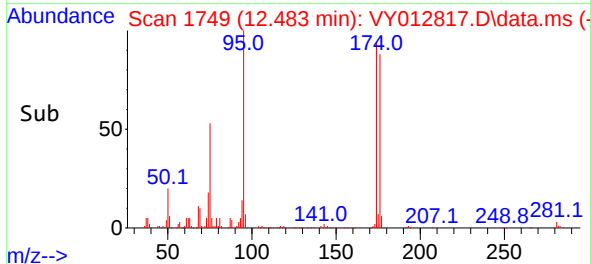
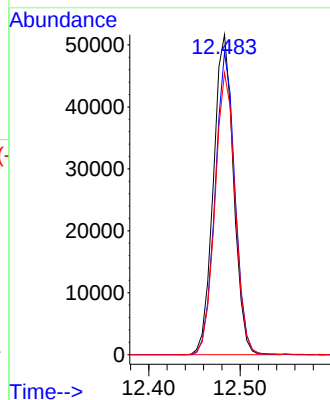
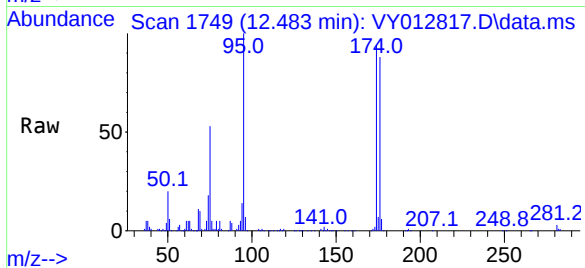




#62
4-Bromofluorobenzene
Concen: 50.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

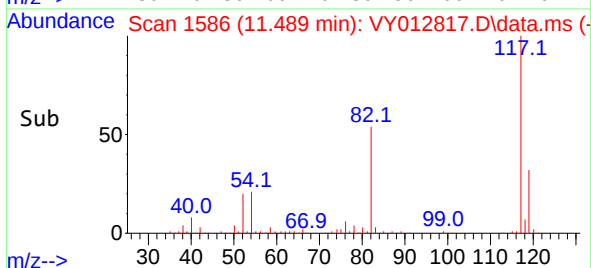
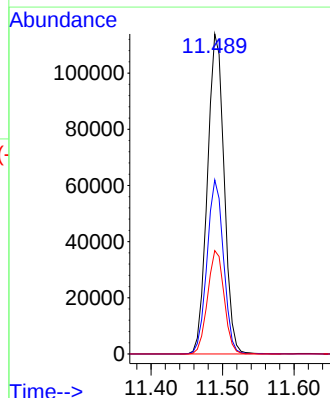
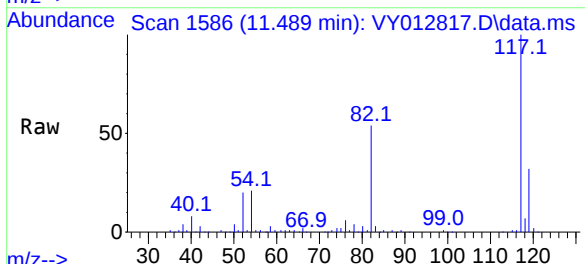
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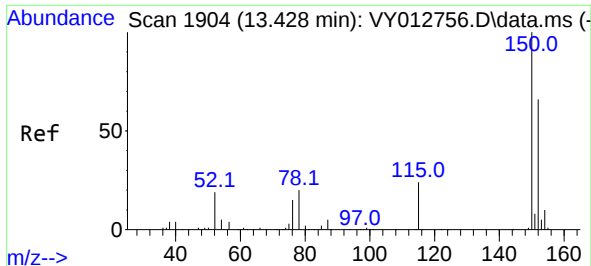
Tgt Ion: 95 Resp: 78838
Ion Ratio Lower Upper
95 100
174 93.3 0.0 176.6
176 88.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012817.D
Acq: 06 Mar 2023 12:49

Tgt Ion: 117 Resp: 184983
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 32.3 25.6 38.4

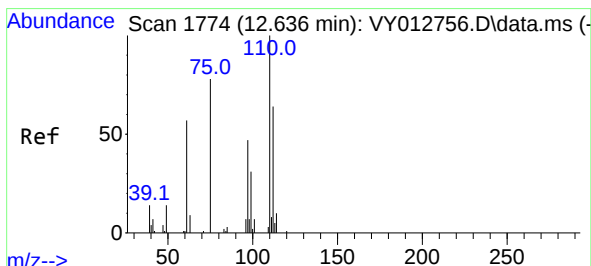
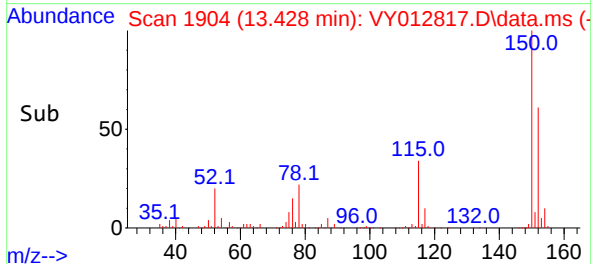
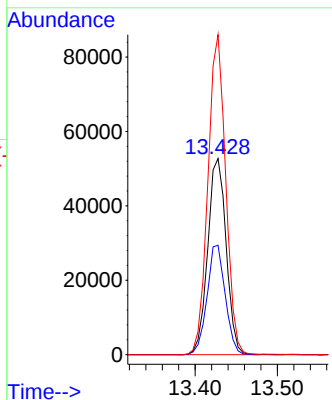
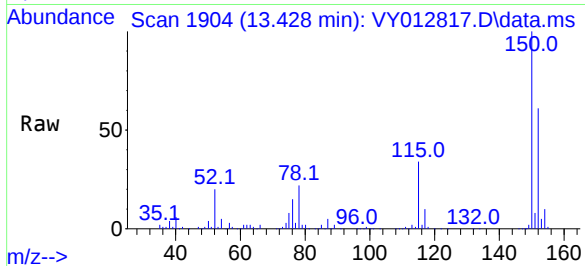




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012817.D
 Acq: 06 Mar 2023 12:49

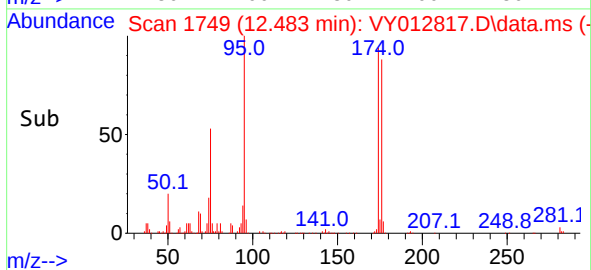
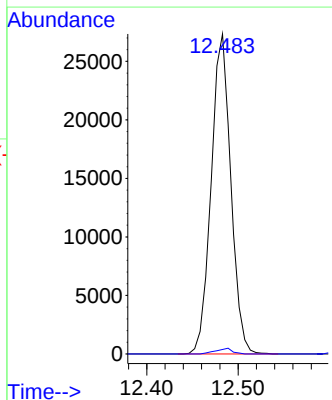
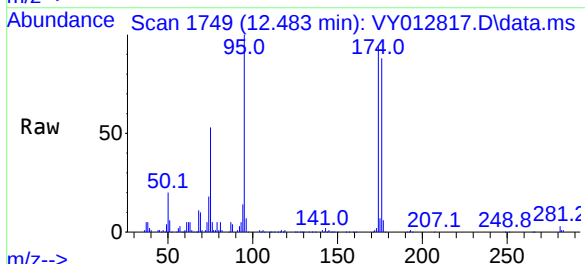
Instrument :
 MSVOA_Y
 ClientSampleId :
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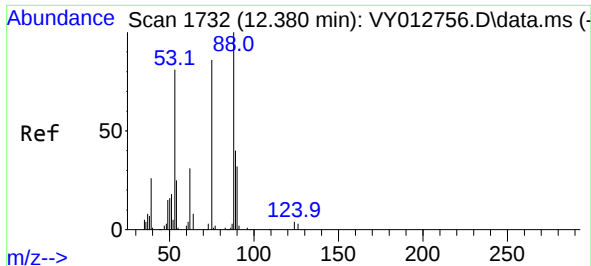
Tgt Ion:152 Resp: 82328
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.1 81.3
 150 156.8 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 41.462 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012817.D
 Acq: 06 Mar 2023 12:49

Tgt Ion: 75 Resp: 40762
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.910 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012817.D
 Acq: 06 Mar 2023 12:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-5

Tgt Ion: 75 Resp: 40762
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

