

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013098.D
 Acq On : 27 Mar 2023 17:41
 Operator : KP/MD
 Sample : 02111-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-SOUTH

Quant Time: Mar 28 01:46:42 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)

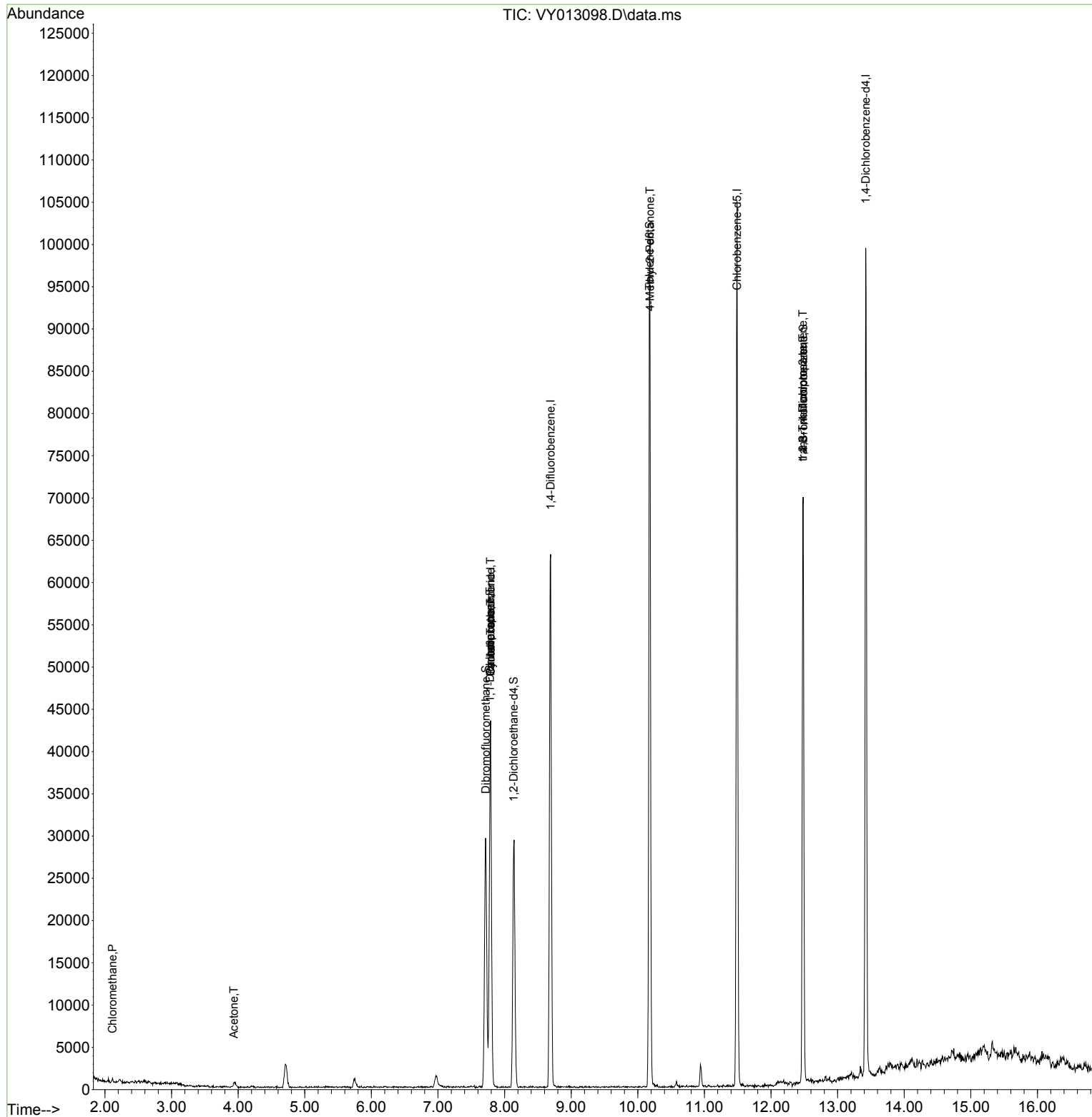
Internal Standards						
1) Pentafluorobenzene	7.789	168	32063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	53267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	52075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22486	70.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.260%	
35) Dibromofluoromethane	7.716	113	20198	62.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.660%	
50) Toluene-d8	10.179	98	65180	55.462	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.920%	
62) 4-Bromofluorobenzene	12.483	95	20978	52.886	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	513	1.358	ug/l	95
16) Acetone	3.936	43	1011	8.091	ug/l	92
31) Cyclohexane	7.789	56	706	1.158	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	2448	4.544	ug/l #	45
38) Carbon Tetrachloride	7.789	117	3108	5.587	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	354	1.077	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	11091	37.336	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11091	77.361	ug/l #	13

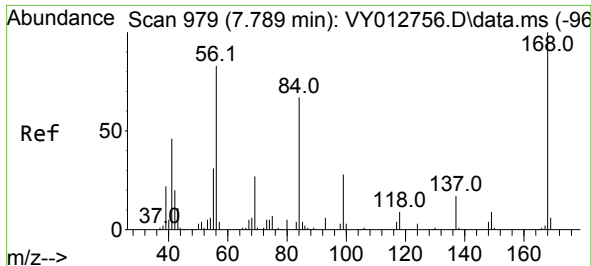
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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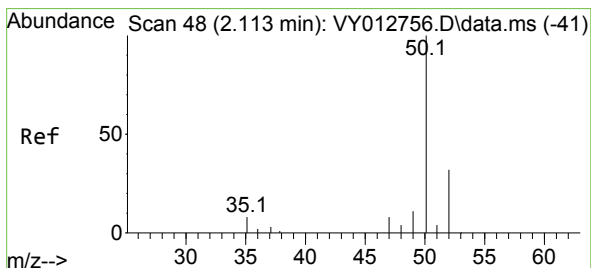
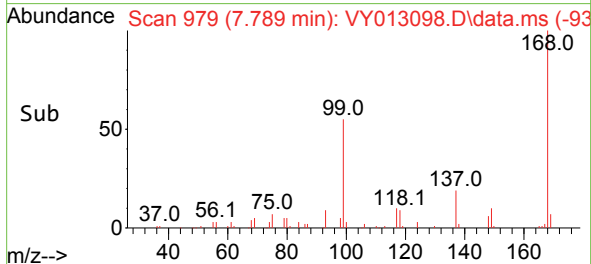
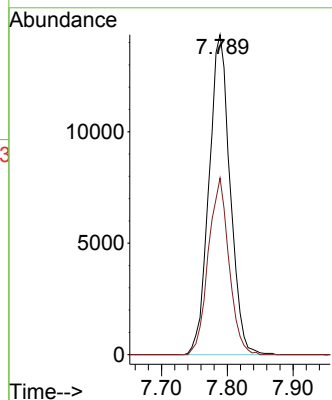
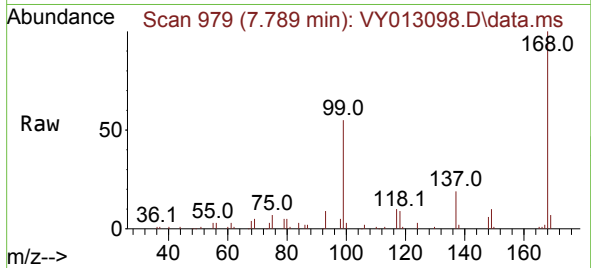




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

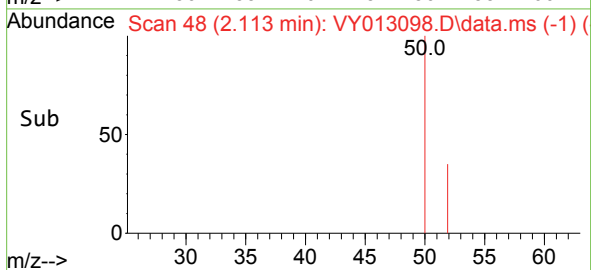
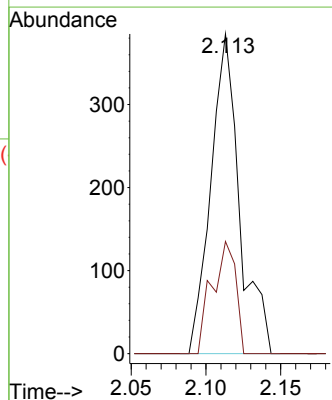
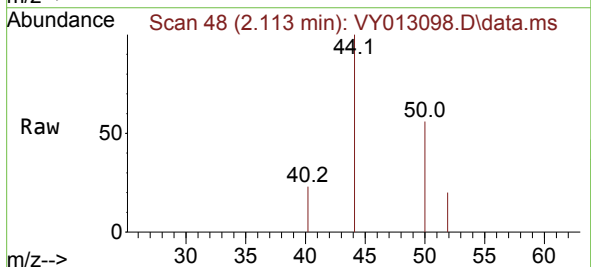
Instrument :
MSVOA_Y
ClientSampleId :
APCS-SOUTH

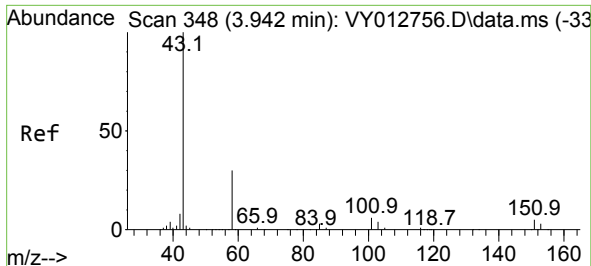
Tgt Ion:168 Resp: 32063
Ion Ratio Lower Upper
168 100
99 55.2 41.7 62.5



#3
Chloromethane
Concen: 1.358 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

Tgt Ion: 50 Resp: 513
Ion Ratio Lower Upper
50 100
52 35.1 26.0 39.0

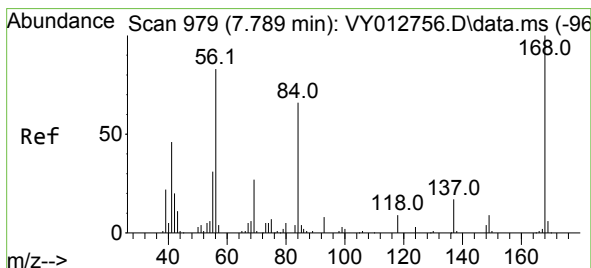
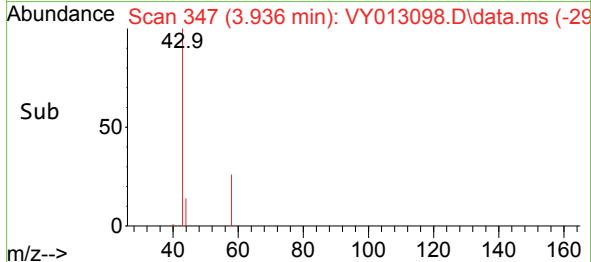
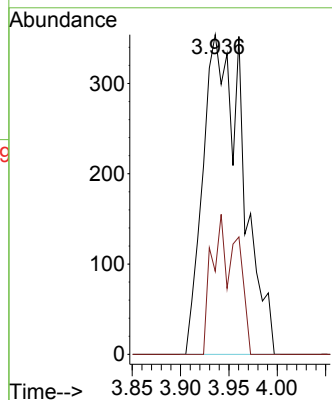
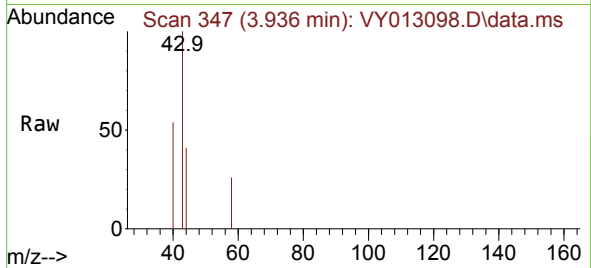




#16
Acetone
Concen: 8.091 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

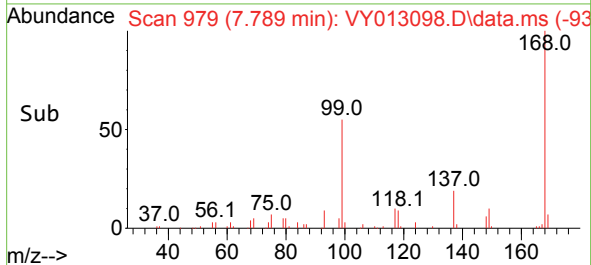
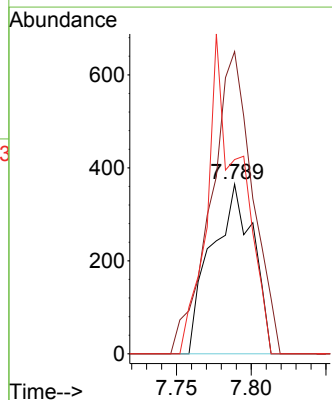
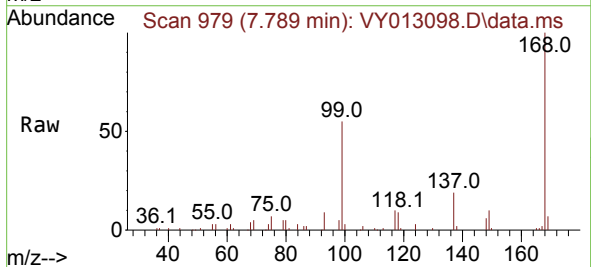
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MSVOA_Y
ClientSampleId :
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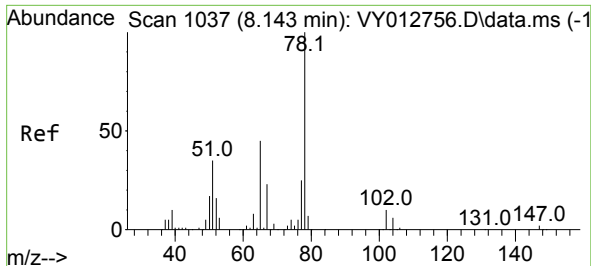
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 26.0 24.2 36.2



#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

Tgt Ion: 56 Resp: 706
Ion Ratio Lower Upper
56 100
69 178.1 25.7 38.5#
84 114.5 64.3 96.5#

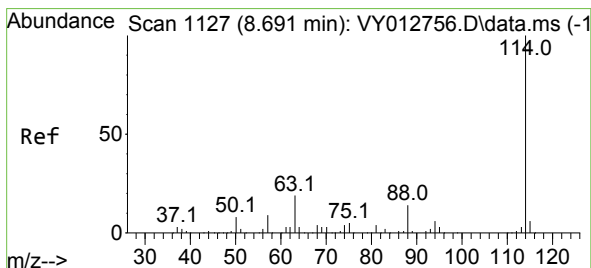
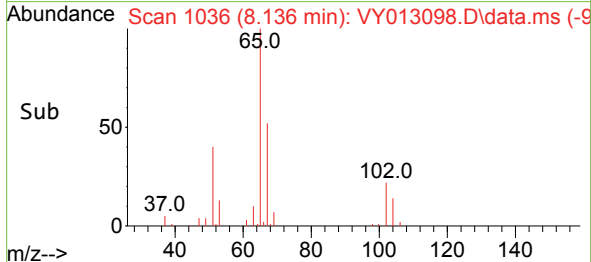
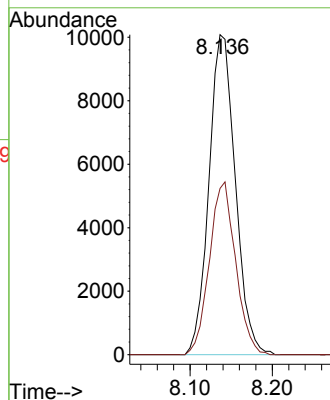
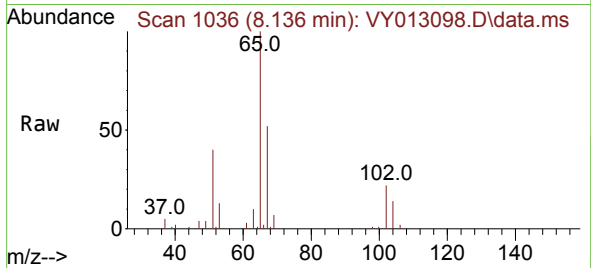




#33
1,2-Dichloroethane-d4
Concen: 70.634 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

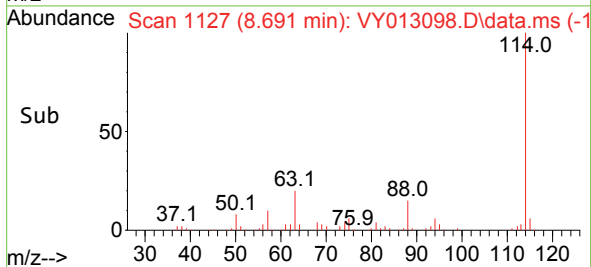
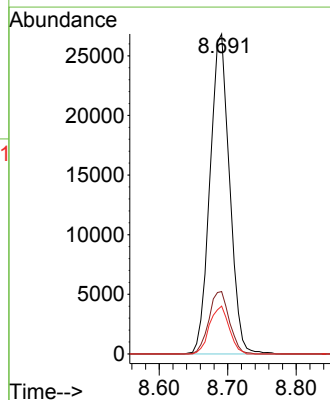
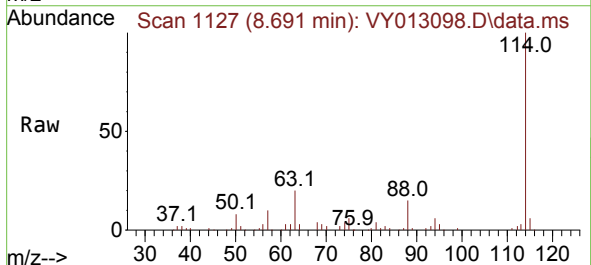
Instrument :
MSVOA_Y
ClientSampleId :
APCS-SOUTH

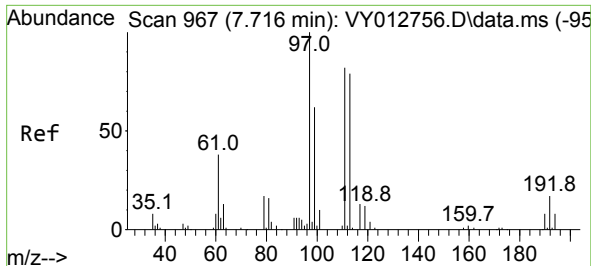
Tgt Ion: 65 Resp: 22486
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

Tgt Ion: 114 Resp: 53267
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 14.9 0.0 28.6

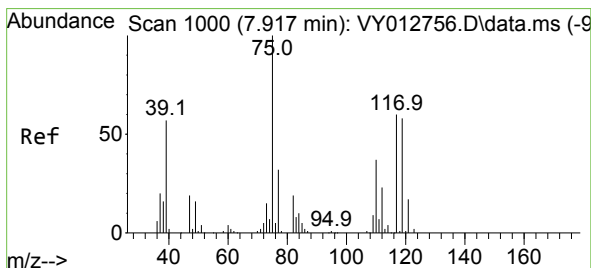
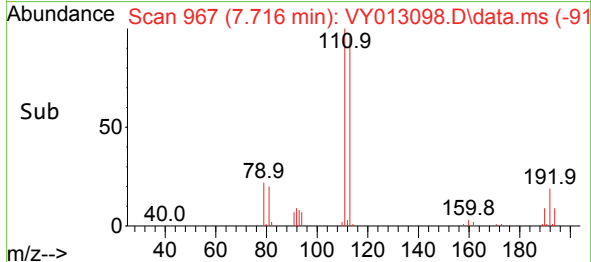
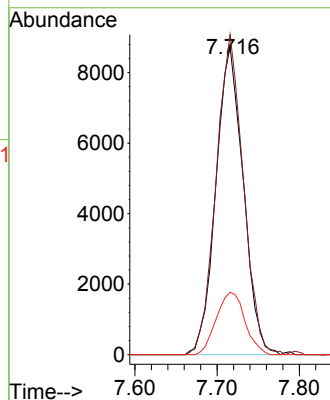
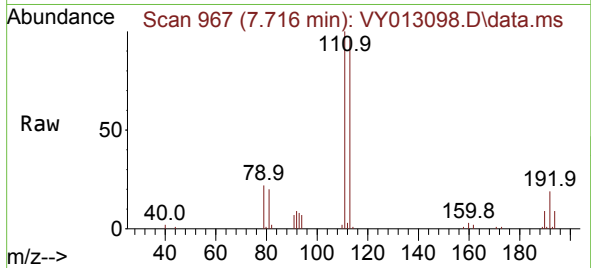




#35
Dibromofluoromethane
Concen: 62.831 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

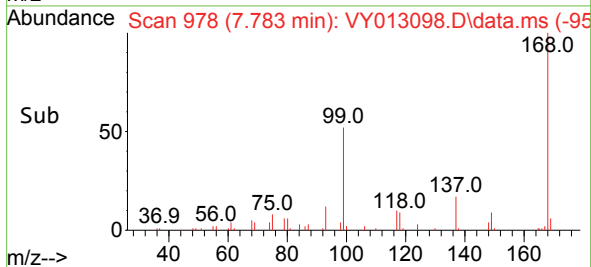
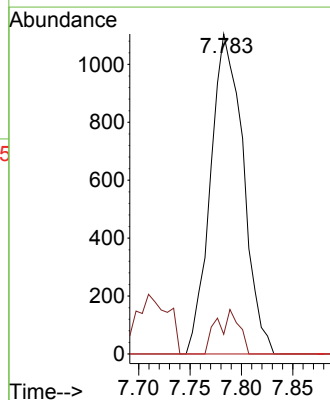
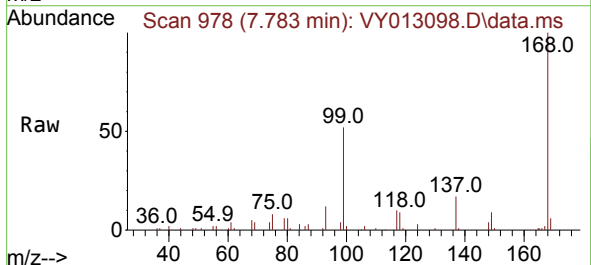
Instrument :
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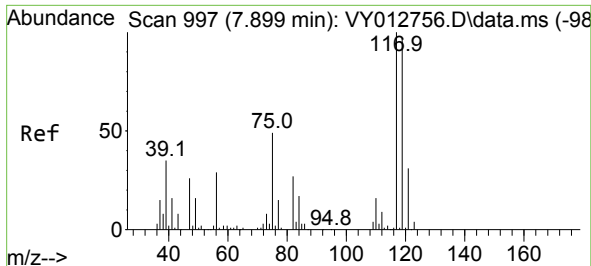
Tgt Ion:113 Resp: 20198
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.544 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

Tgt Ion: 75 Resp: 2448
Ion Ratio Lower Upper
75 100
110 4.2 17.8 53.3#
77 0.0 25.0 37.4#

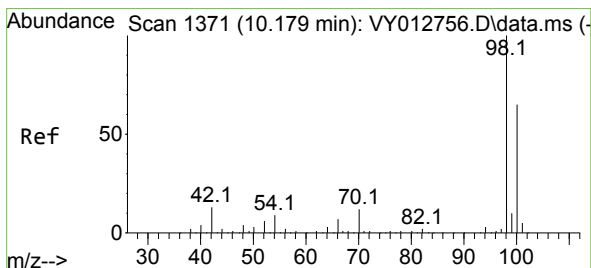
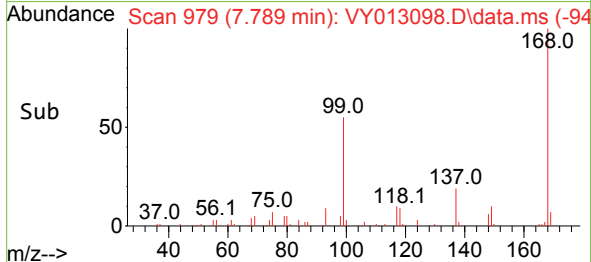
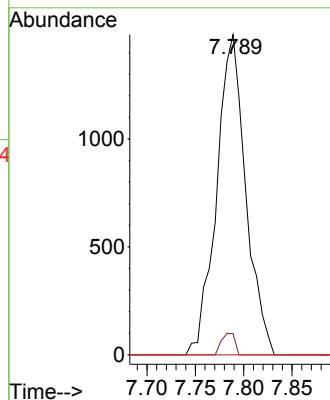
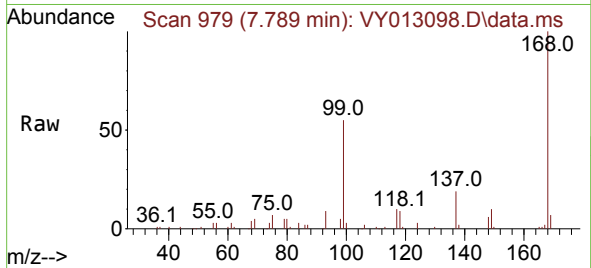




#38
Carbon Tetrachloride
Concen: 5.587 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

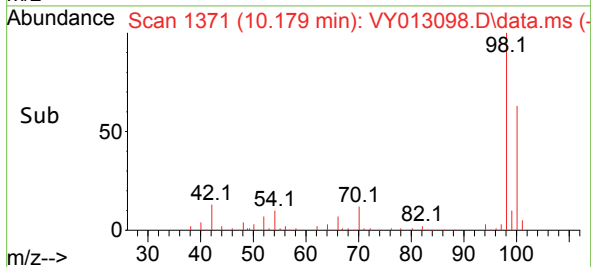
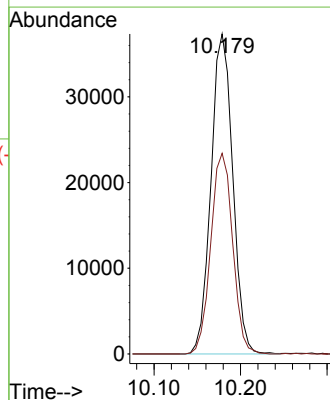
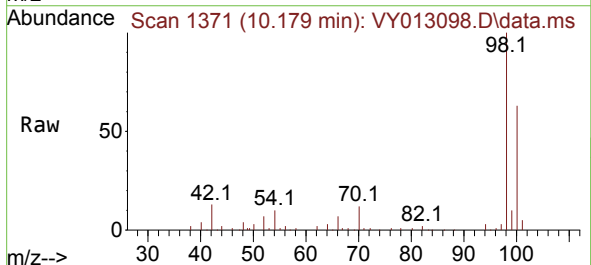
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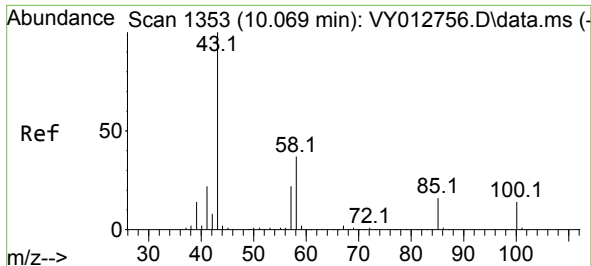
Tgt Ion:117 Resp: 3108
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.462 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

Tgt Ion: 98 Resp: 65180
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

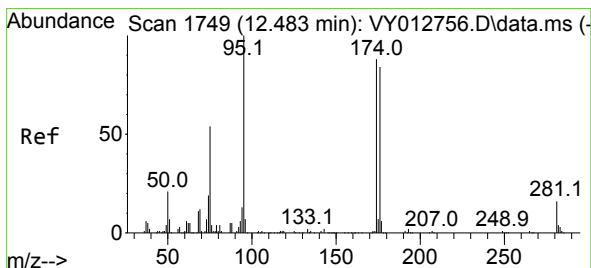
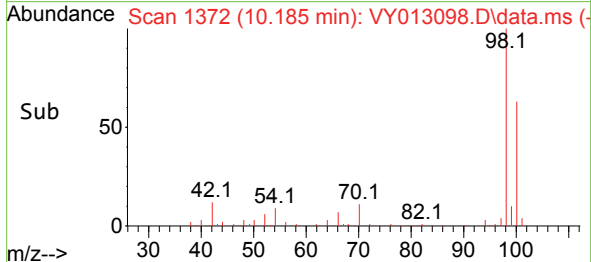
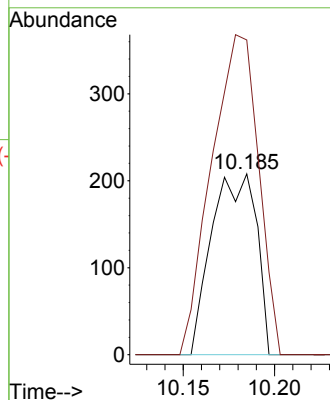
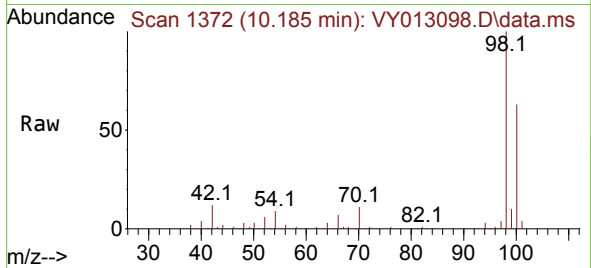




#51
4-Methyl-2-Pentanone
Concen: 1.077 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

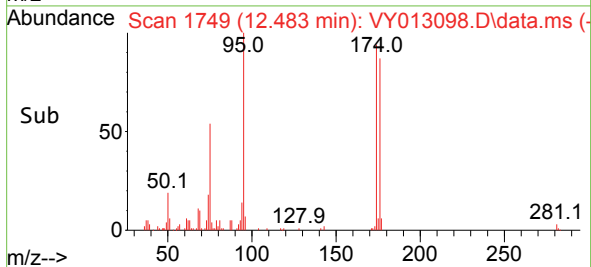
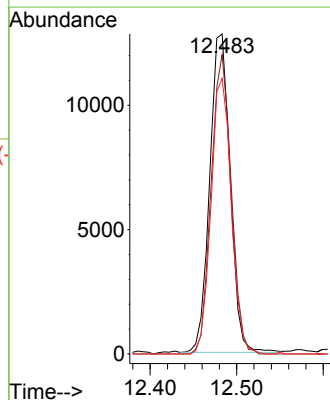
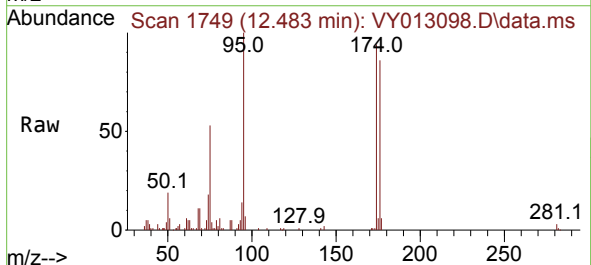
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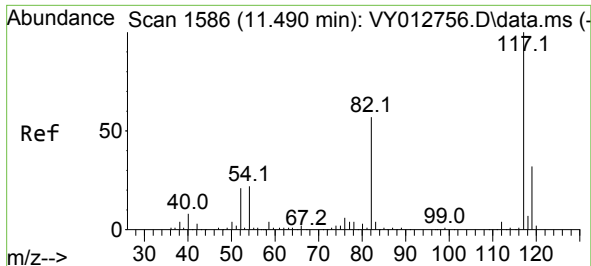
Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
58 185.9 29.8 44.6#



#62
4-Bromofluorobenzene
Concen: 52.886 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

Tgt Ion: 95 Resp: 20978
Ion Ratio Lower Upper
95 100
174 92.3 0.0 176.6
176 85.7 0.0 170.2

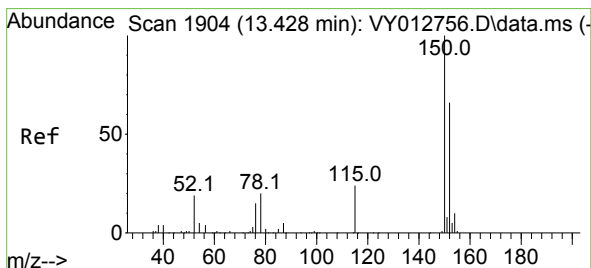
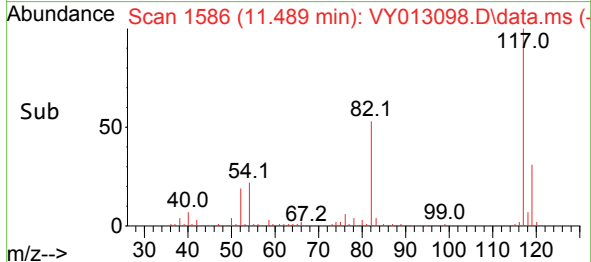
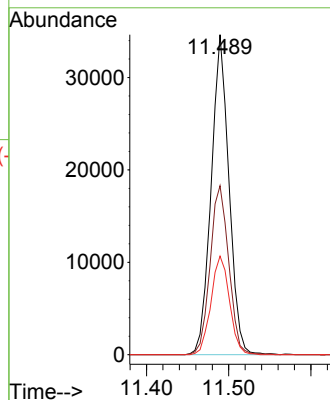
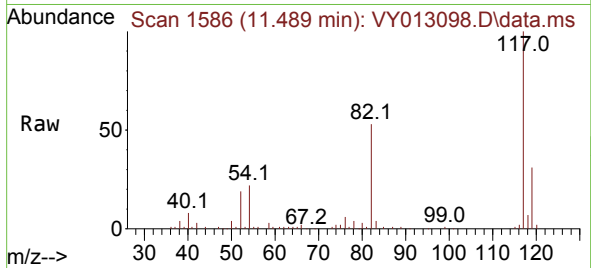




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

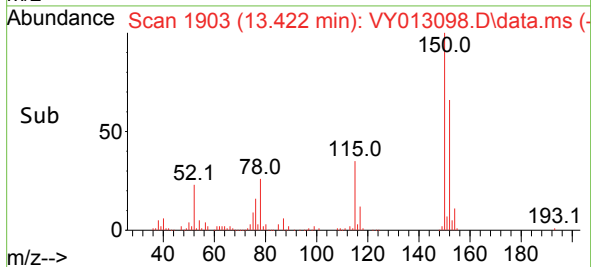
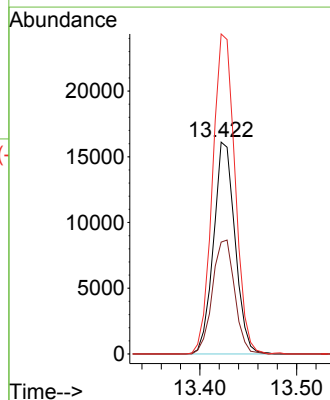
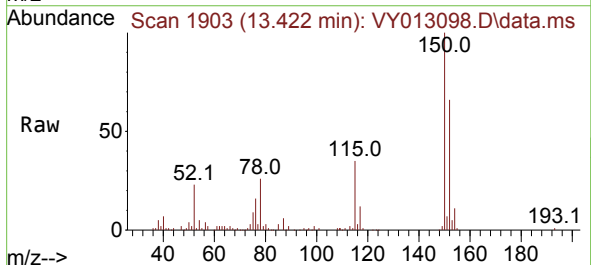
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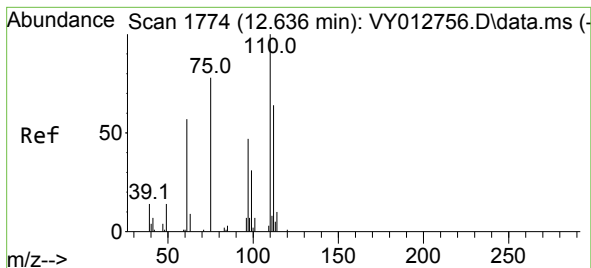
Tgt Ion:117 Resp: 52075
Ion Ratio Lower Upper
117 100
82 52.8 45.4 68.0
119 30.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013098.D
Acq: 27 Mar 2023 17:41

Tgt Ion:152 Resp: 24876
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 158.2 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 37.336 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY013098.D

Acq: 27 Mar 2023 17:41

Instrument :

MSVOA_Y

ClientSampleId :

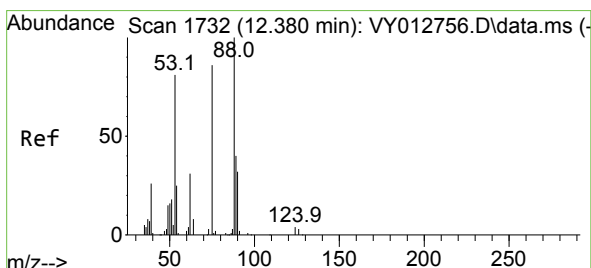
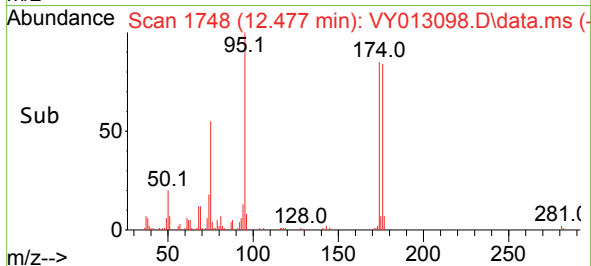
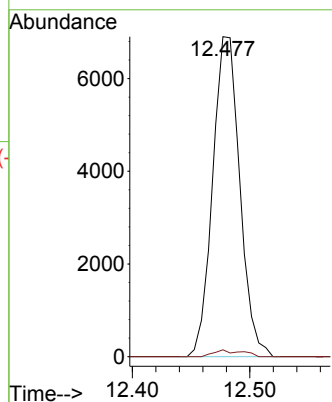
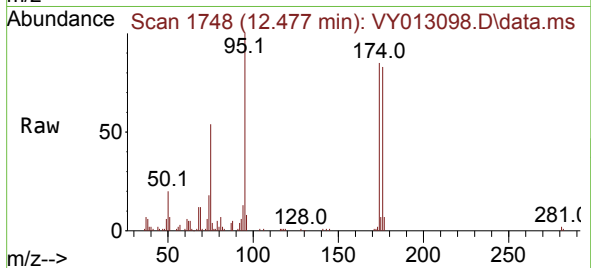
APCS-SOUTH

Tgt Ion: 75 Resp: 11091

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.361 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY013098.D

Acq: 27 Mar 2023 17:41

Tgt Ion: 75 Resp: 11091

Ion Ratio Lower Upper

75 100

53 0.4 73.4 110.0#

89 0.0 36.6 55.0#

