

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013102.D
 Acq On : 27 Mar 2023 19:15
 Operator : KP/MD
 Sample : 02111-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-WEST

Quant Time: Mar 28 01:48:18 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)

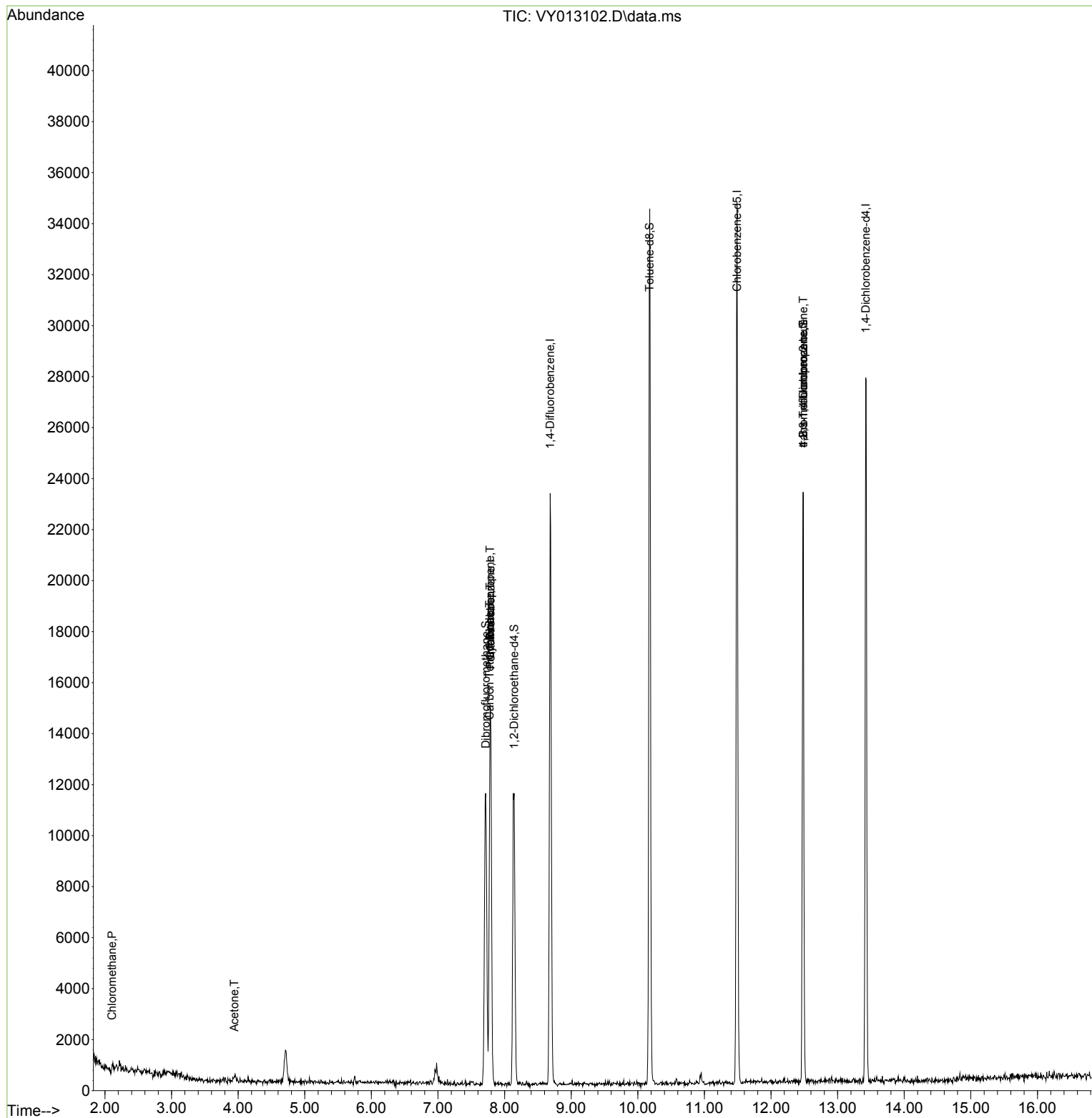
Internal Standards						
1) Pentafluorobenzene	7.789	168	12364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	19403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9583	78.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.120%	
35) Dibromofluoromethane	7.715	113	8288	70.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.560%	
50) Toluene-d8	10.178	98	23770	55.527	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.060%	
62) 4-Bromofluorobenzene	12.483	95	6685	46.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	252	1.730	ug/l	91
16) Acetone	3.942	43	452	9.381	ug/l #	44
31) Cyclohexane	7.783	56	273	1.161	ug/l #	24
36) 1,1-Dichloropropene	7.783	75	976	4.974	ug/l #	41
38) Carbon Tetrachloride	7.776	117	1182	5.833	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	3602	42.287	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3602	87.620	ug/l #	13

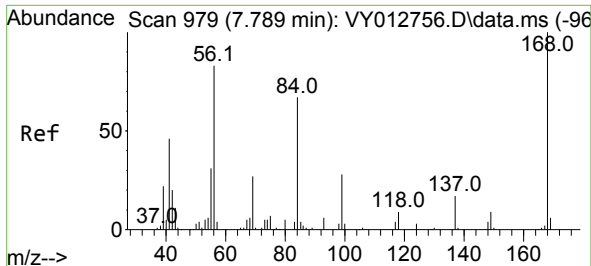
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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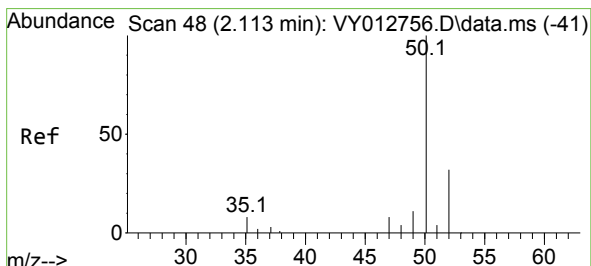
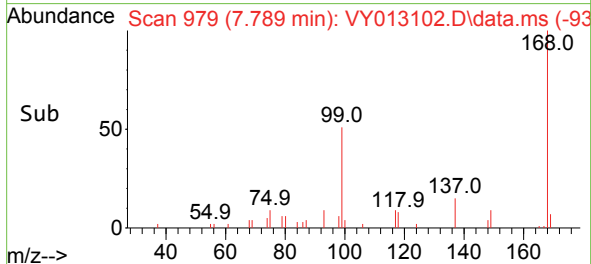
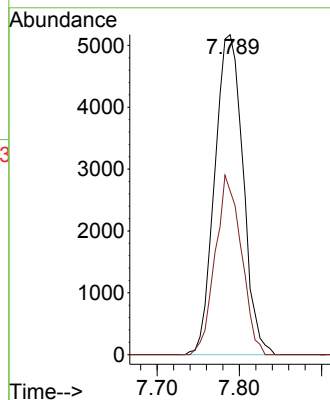
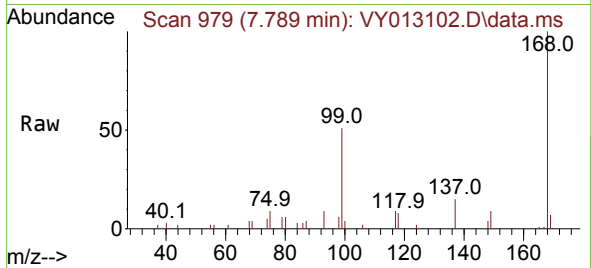




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013102.D
Acq: 27 Mar 2023 19:15

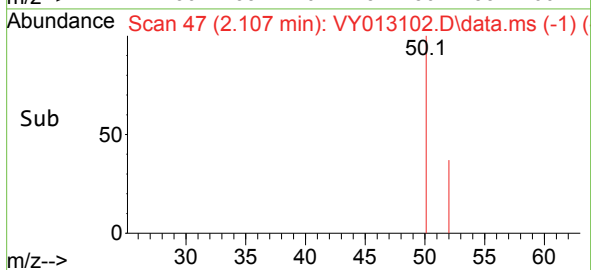
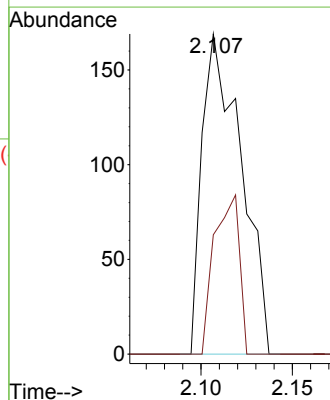
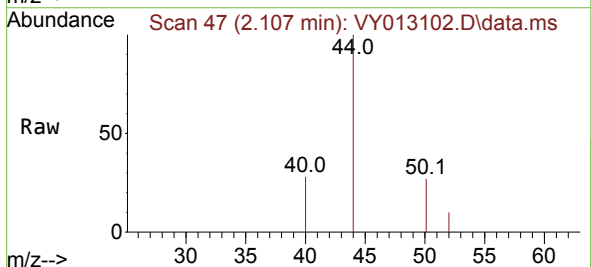
Instrument :
MSVOA_Y
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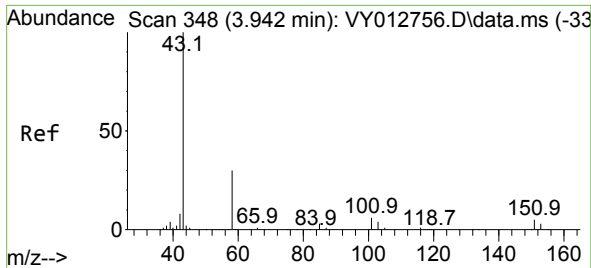
Tgt Ion:168 Resp: 12364
Ion Ratio Lower Upper
168 100
99 51.2 41.7 62.5



#3
Chloromethane
Concen: 1.730 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY013102.D
Acq: 27 Mar 2023 19:15

Tgt Ion: 50 Resp: 252
Ion Ratio Lower Upper
50 100
52 37.3 26.0 39.0

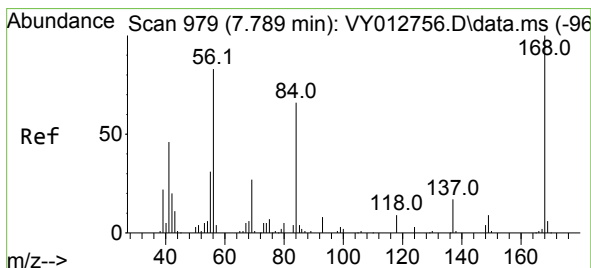
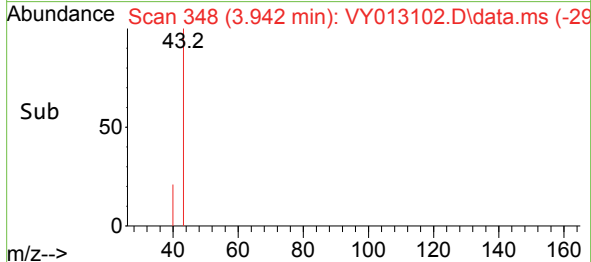
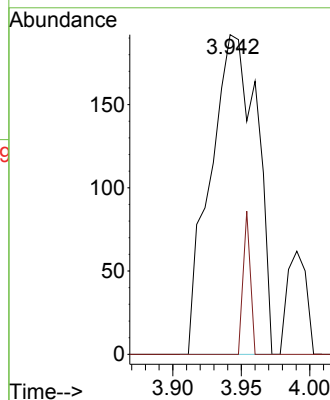
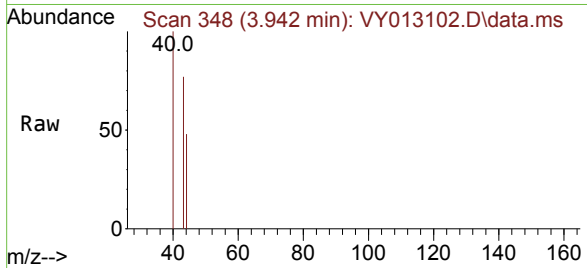




#16
Acetone
Concen: 9.381 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013102.D
Acq: 27 Mar 2023 19:15

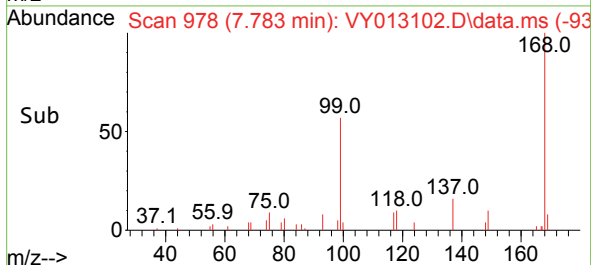
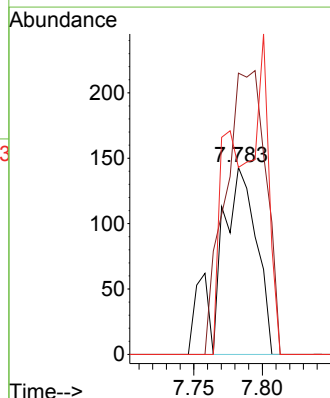
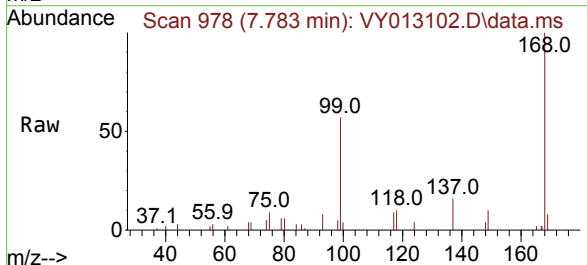
Instrument :
MSVOA_Y
ClientSampleId :
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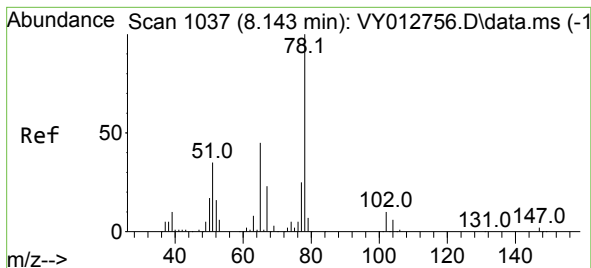
Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY013102.D
Acq: 27 Mar 2023 19:15

Tgt Ion: 56 Resp: 273
Ion Ratio Lower Upper
56 100
69 150.3 25.7 38.5#
84 100.0 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 78.064 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY013102.D

Acq: 27 Mar 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

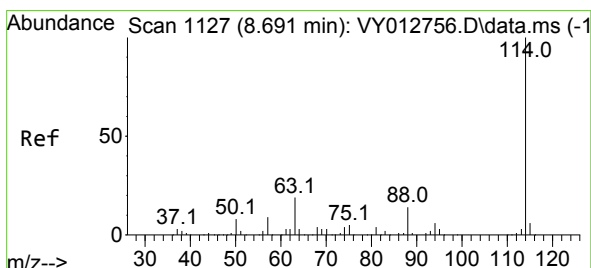
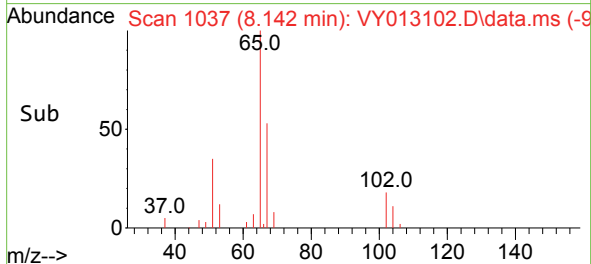
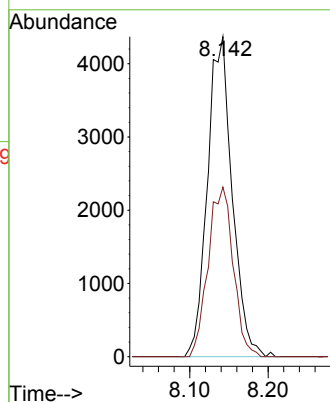
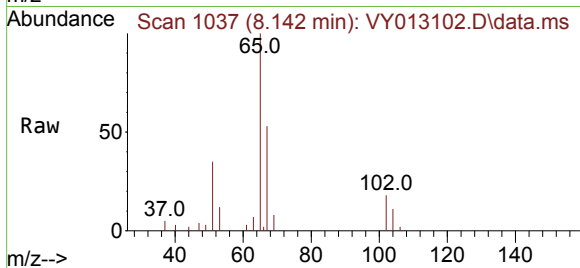
APCS-WEST

Tgt Ion: 65 Resp: 9583

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013102.D

Acq: 27 Mar 2023 19:15

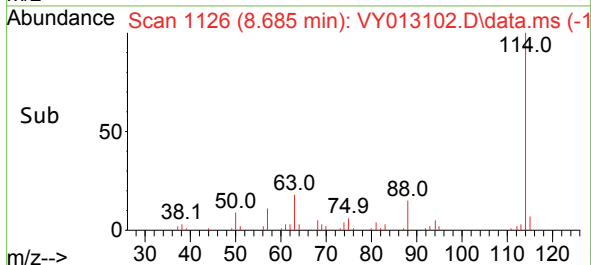
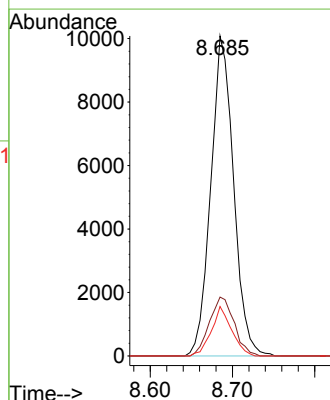
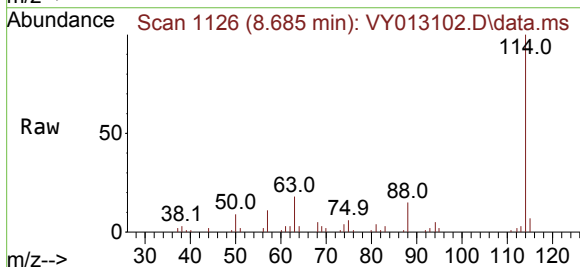
Tgt Ion: 114 Resp: 19403

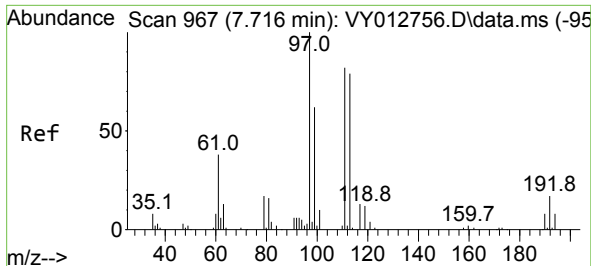
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 15.4 0.0 28.6

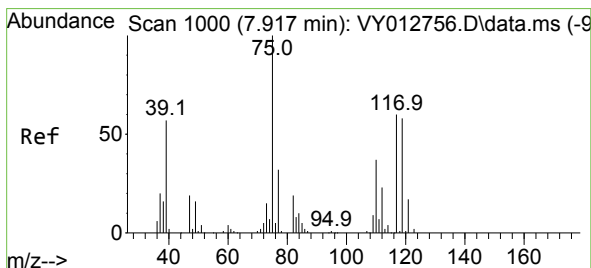
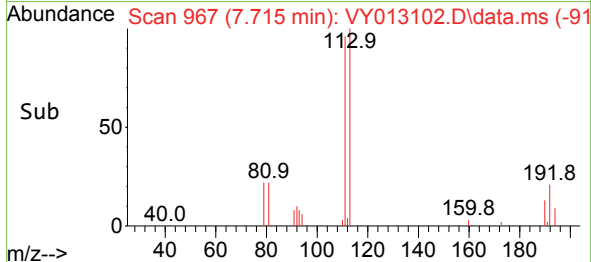
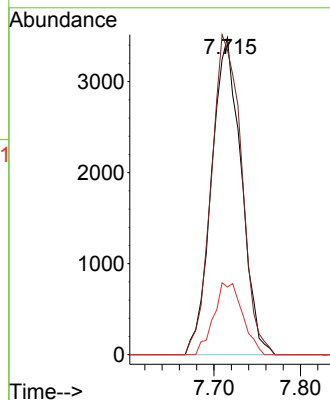
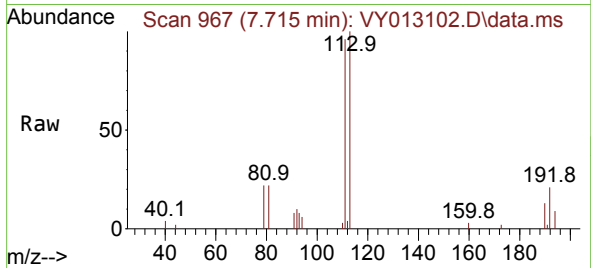




#35
Dibromofluoromethane
Concen: 70.779 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013102.D
Acq: 27 Mar 2023 19:15

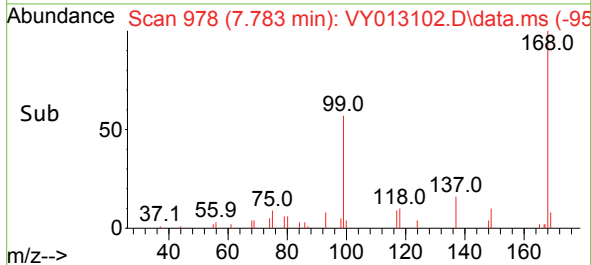
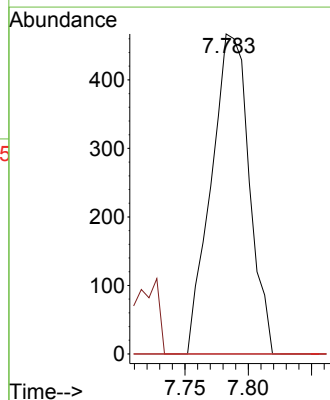
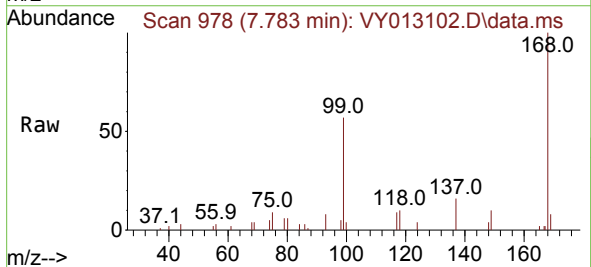
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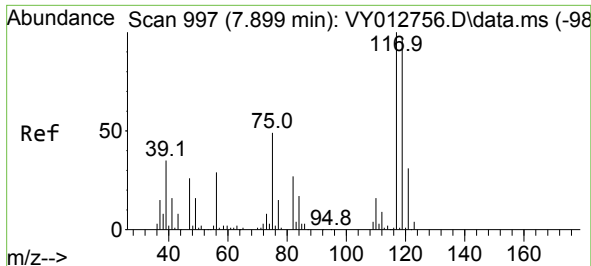
Tgt Ion:113 Resp: 8288
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 22.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.974 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013102.D
Acq: 27 Mar 2023 19:15

Tgt Ion: 75 Resp: 976
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#

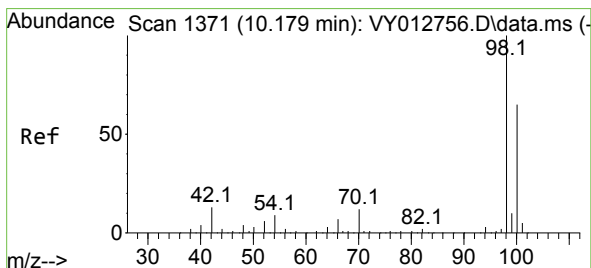
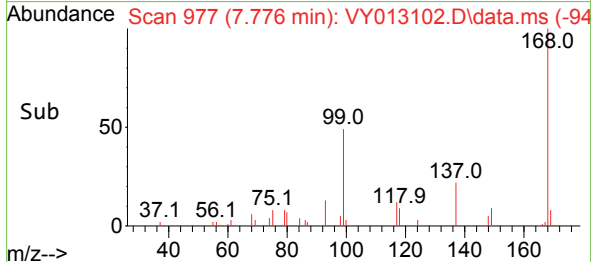
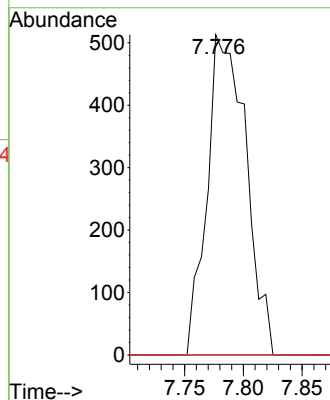
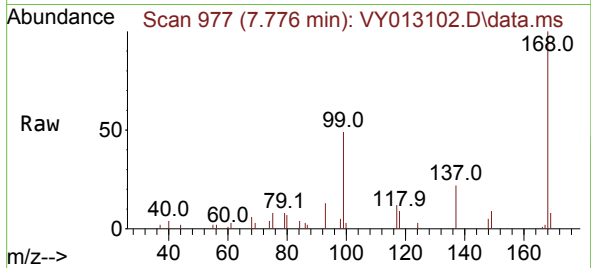




#38
Carbon Tetrachloride
Concen: 5.833 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013102.D
Acq: 27 Mar 2023 19:15

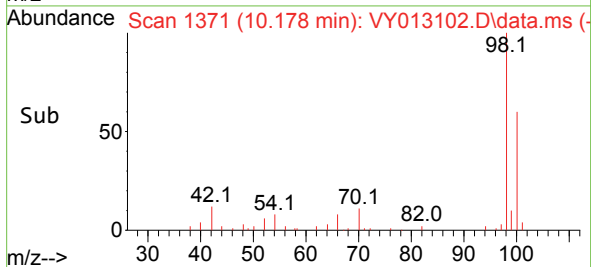
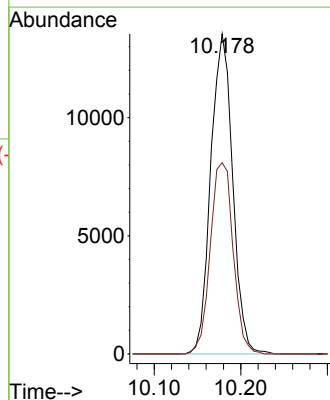
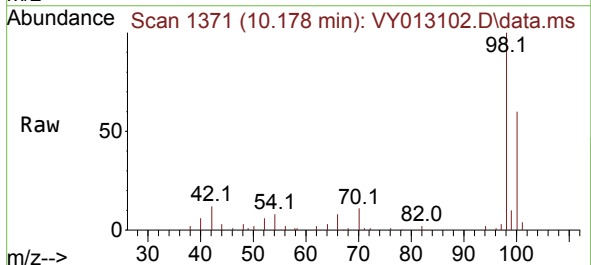
Instrument :
MSVOA_Y
ClientSampleId :
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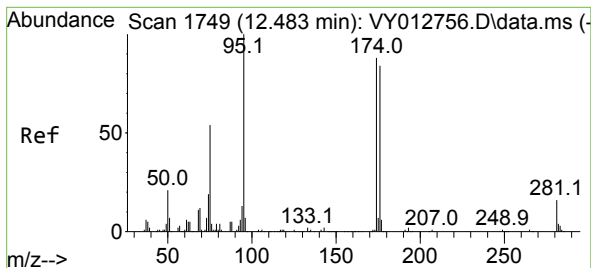
Tgt Ion:117 Resp: 1182
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.527 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013102.D
Acq: 27 Mar 2023 19:15

Tgt Ion: 98 Resp: 23770
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3

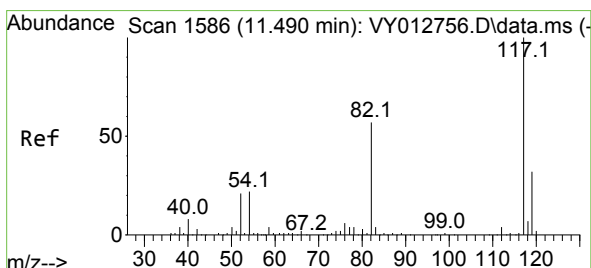
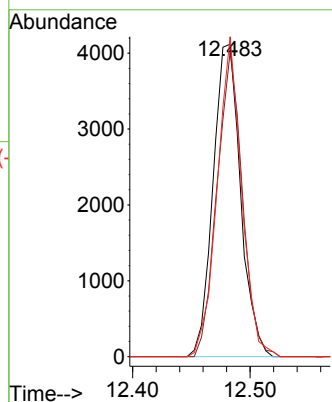
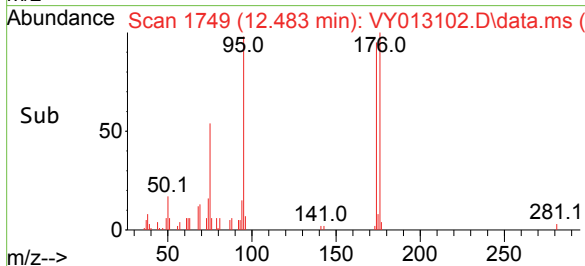
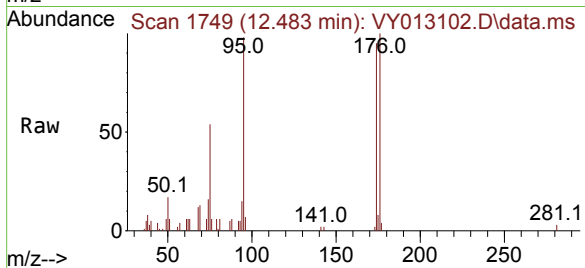




#62
4-Bromofluorobenzene
Concen: 46.267 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013102.D
Acq: 27 Mar 2023 19:15

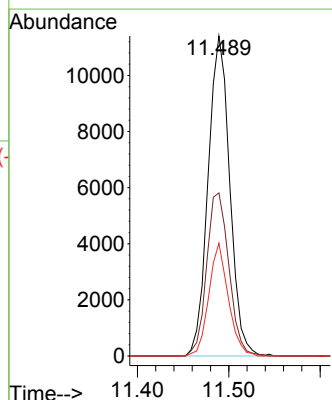
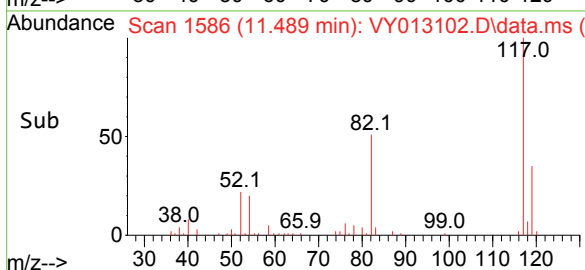
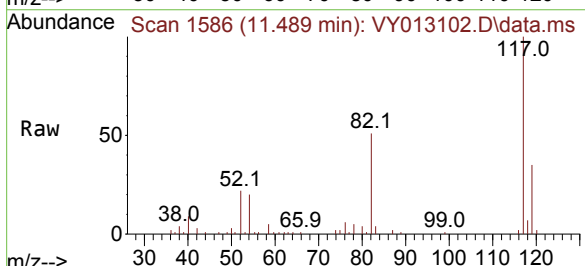
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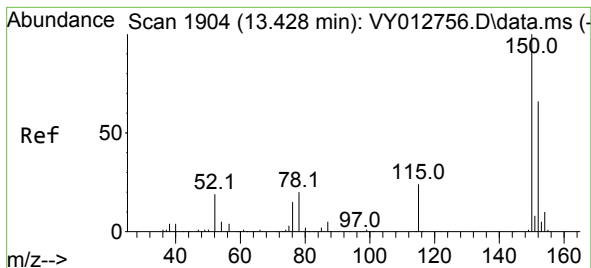
Tgt Ion: 95 Resp: 6685
Ion Ratio Lower Upper
95 100
174 89.9 0.0 176.6
176 91.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013102.D
Acq: 27 Mar 2023 19:15

Tgt Ion: 117 Resp: 18748
Ion Ratio Lower Upper
117 100
82 51.0 45.4 68.0
119 35.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY013102.D

Acq: 27 Mar 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

APCS-WEST

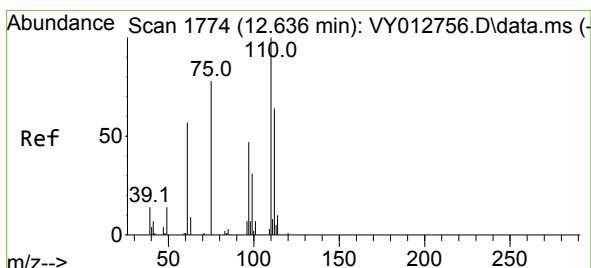
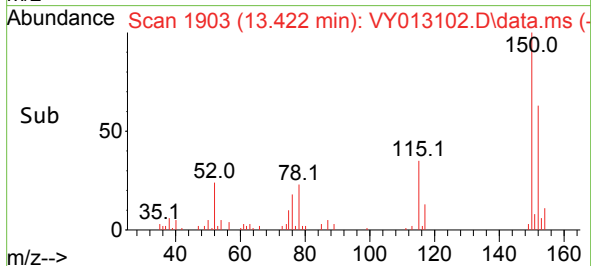
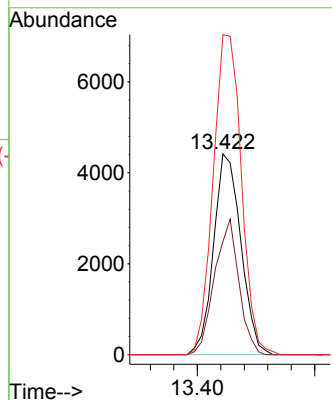
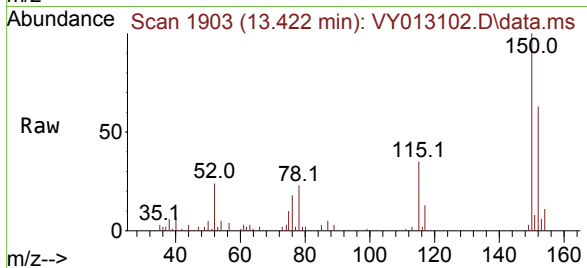
Tgt Ion:152 Resp: 7133

Ion Ratio Lower Upper

152 100

115 60.3 27.1 81.3

150 164.5 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 42.287 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY013102.D

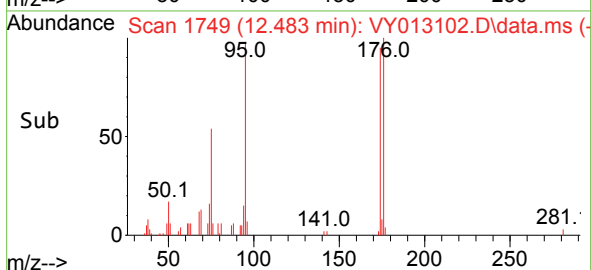
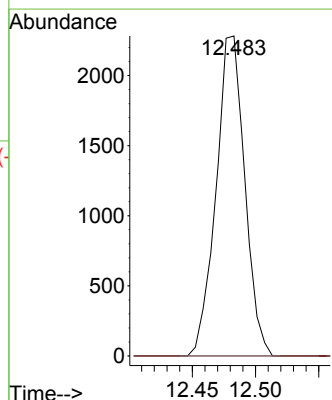
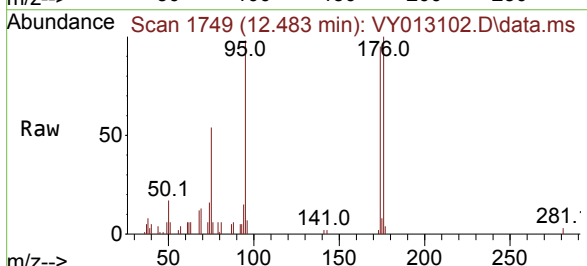
Acq: 27 Mar 2023 19:15

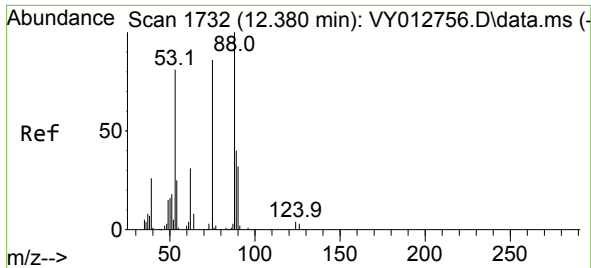
Tgt Ion: 75 Resp: 3602

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.620 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY013102.D
 Acq: 27 Mar 2023 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-WEST

Tgt Ion: 75 Resp: 3602
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

