

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013252.D
 Acq On : 11 Apr 2023 18:57
 Operator : KP/MD
 Sample : 02270-02
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-7-9-20230410

Quant Time: Apr 12 01:37:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

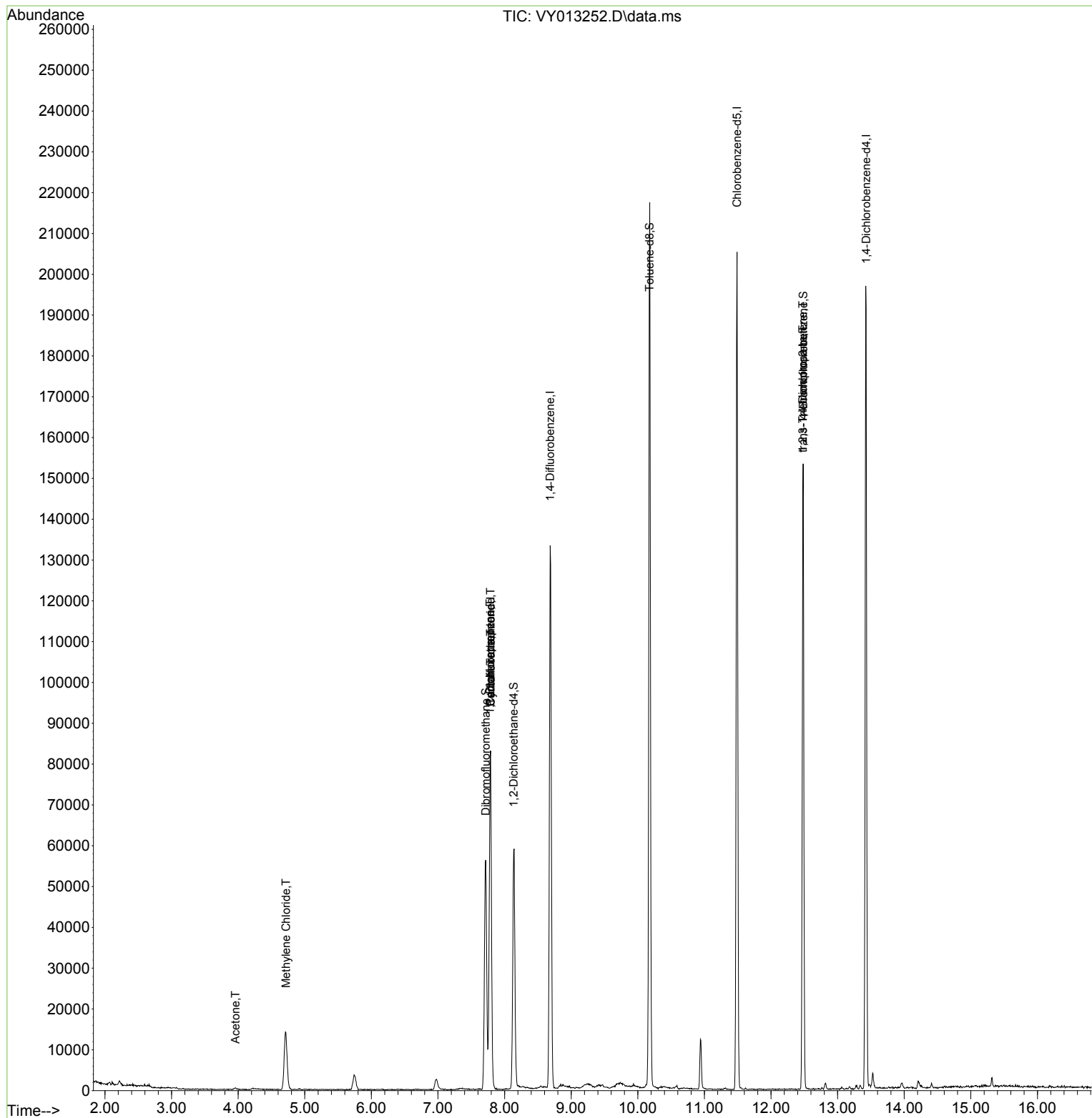
Internal Standards						
1) Pentafluorobenzene	7.789	168	63367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	109018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	105058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	49229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	45755	64.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.420%	
35) Dibromofluoromethane	7.716	113	38689	59.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.740%	
50) Toluene-d8	10.179	98	135290	59.298	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.600%	
62) 4-Bromofluorobenzene	12.483	95	44105	54.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	468	Below Cal	#	85
16) Acetone	3.960	43	681	2.348	ug/l	91
20) Methylene Chloride	4.716	84	9803	6.490	ug/l	97
31) Cyclohexane	7.789	56	1440	1.590	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5203	5.805	ug/l #	48
38) Carbon Tetrachloride	7.789	117	6539	6.266	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	24168	40.334	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	24168	83.178	ug/l #	13

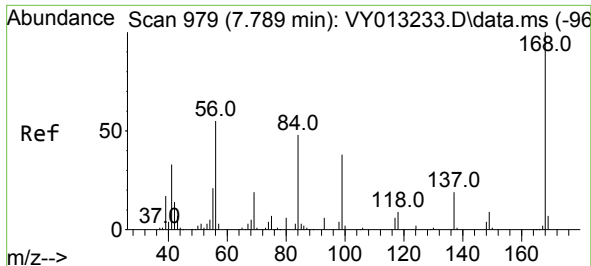
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-17-7-9-20230410

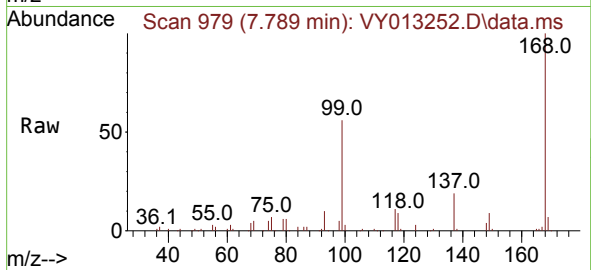
Quant Time: Apr 12 01:37:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 11 11:59:49 2023
Response via : Initial Calibration



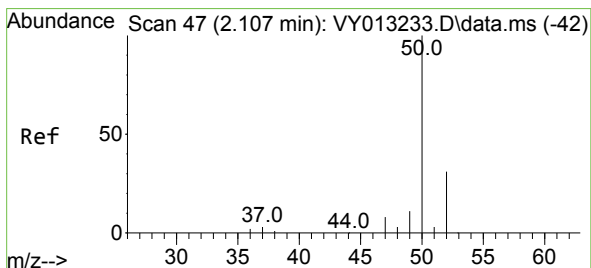
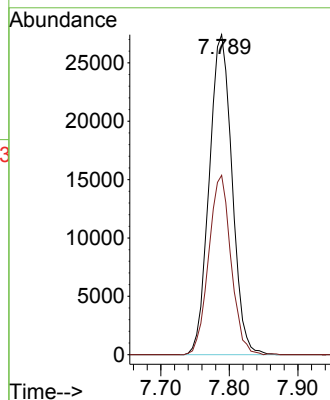
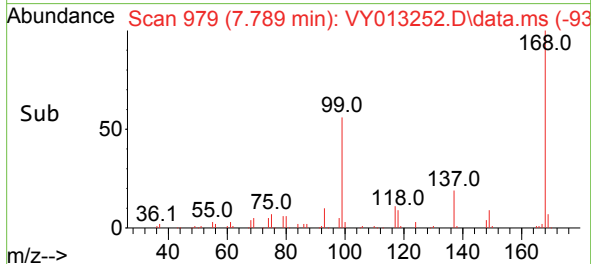


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-7-9-20230410

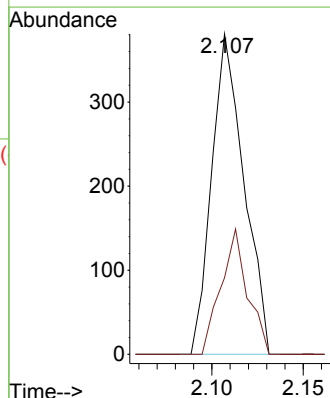
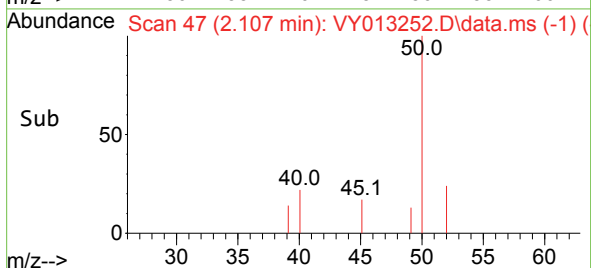
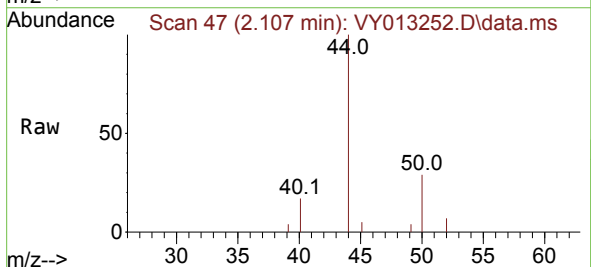


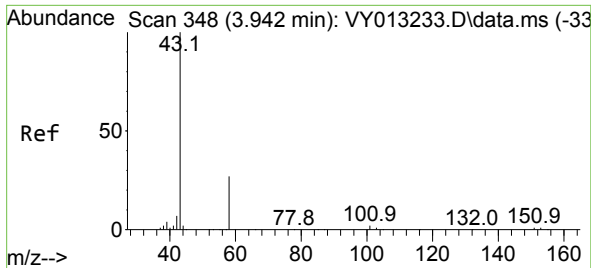
Tgt Ion:168 Resp: 63367
Ion Ratio Lower Upper
168 100
99 56.1 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Tgt Ion: 50 Resp: 468
Ion Ratio Lower Upper
50 100
52 23.9 26.0 39.0#

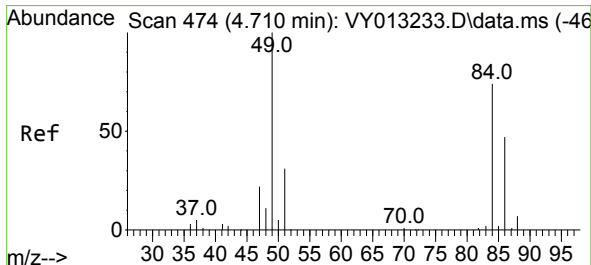
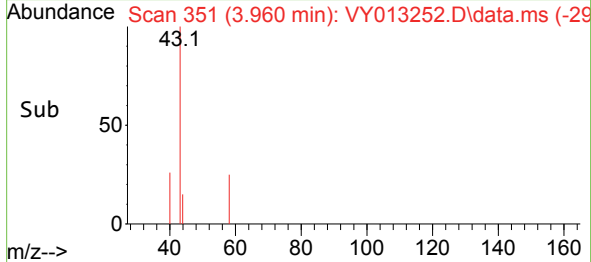
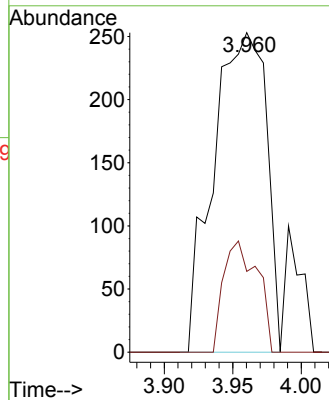
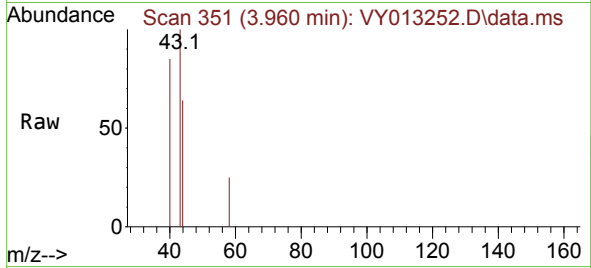




#16
Acetone
Concen: 2.348 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

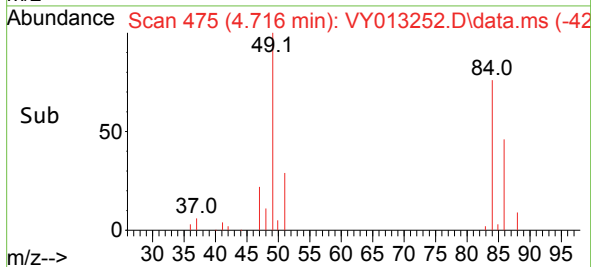
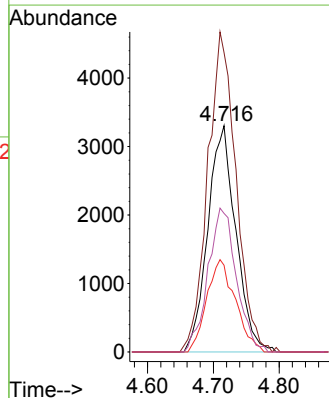
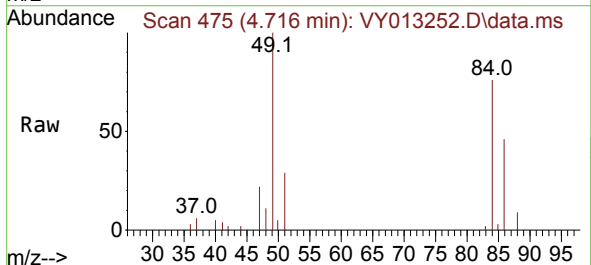
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-7-9-20230410

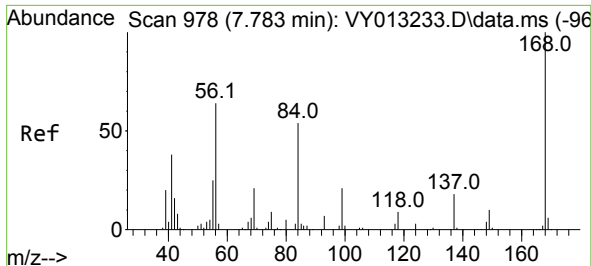
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 25.3 24.2 36.2



#20
Methylene Chloride
Concen: 6.490 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

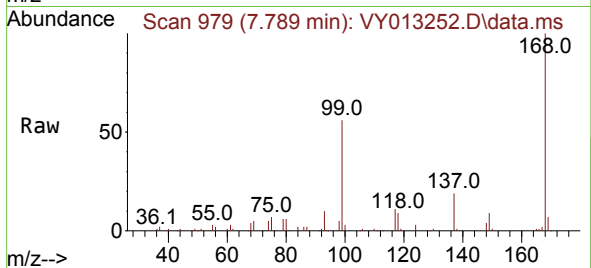
Tgt Ion: 84 Resp: 9803
Ion Ratio Lower Upper
84 100
49 132.3 102.6 154.0
51 38.3 31.9 47.9
86 61.2 51.0 76.6



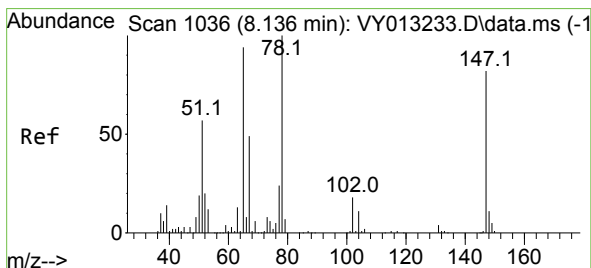
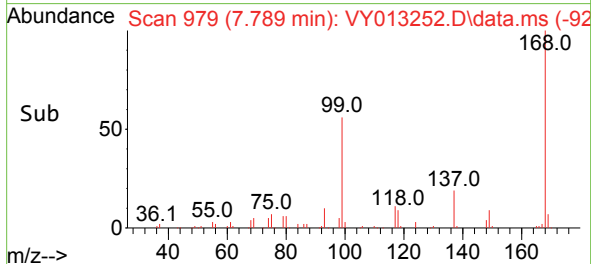
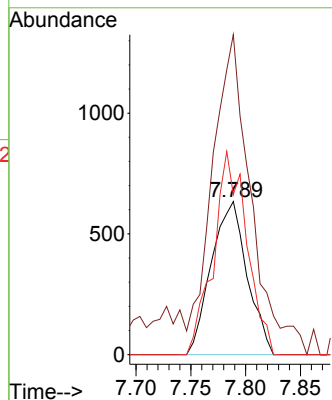


#31
Cyclohexane
Concen: 1.590 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-7-9-20230410

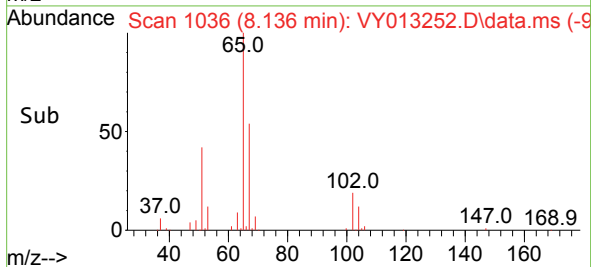
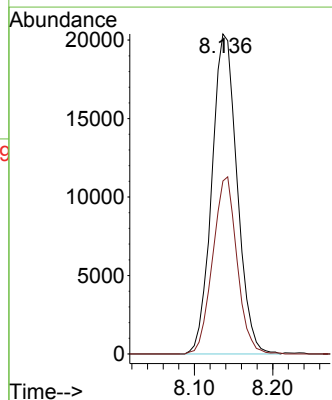
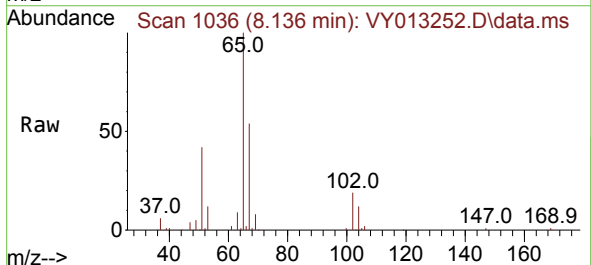


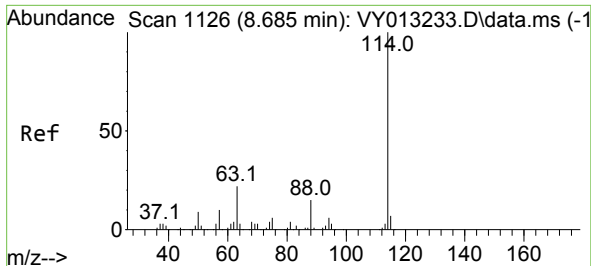
Tgt Ion: 56 Resp: 1440
Ion Ratio Lower Upper
56 100
69 191.8 25.7 38.5#
84 104.6 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 64.210 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

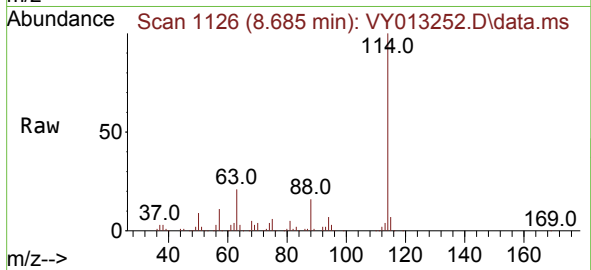
Tgt Ion: 65 Resp: 45755
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.0



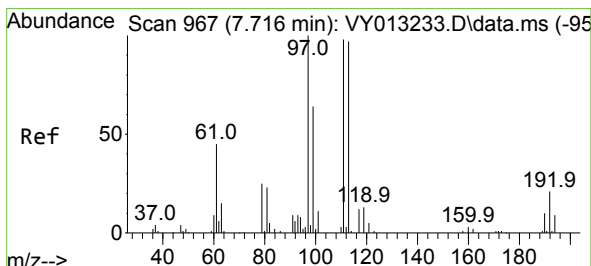
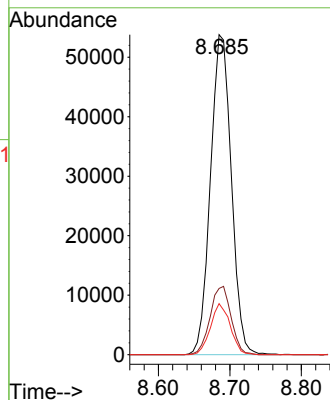
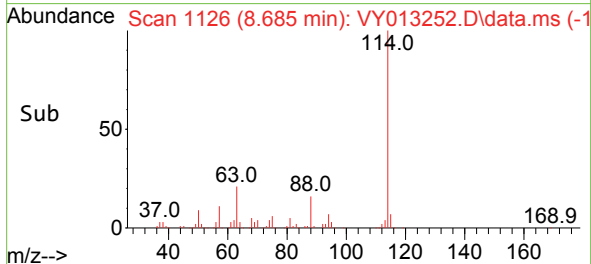


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Instrument :
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ClientSampleId :
SB-17-7-9-20230410

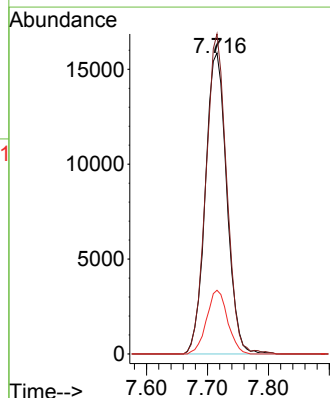
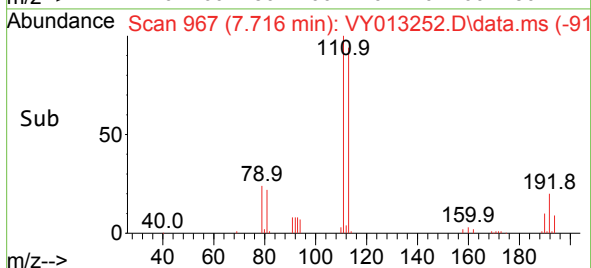
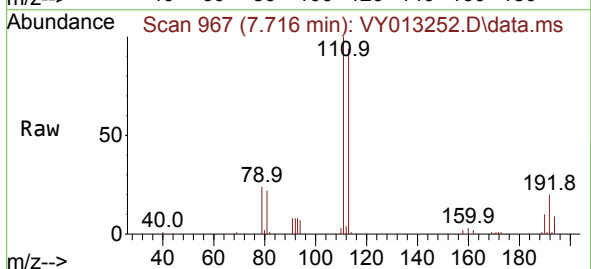


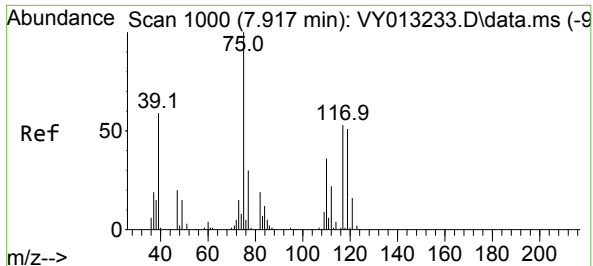
Tgt Ion:114 Resp: 109018
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 16.0 0.0 28.6



#35
Dibromofluoromethane
Concen: 59.370 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Tgt Ion:113 Resp: 38689
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.805 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013252.D

Acq: 11 Apr 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-7-9-20230410

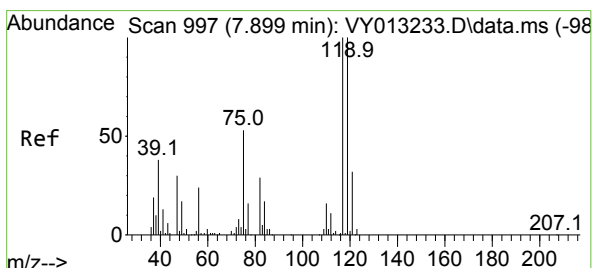
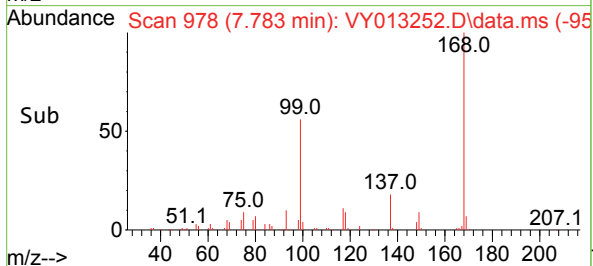
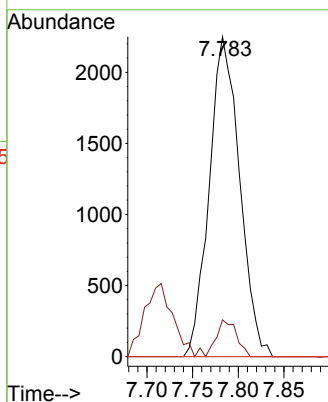
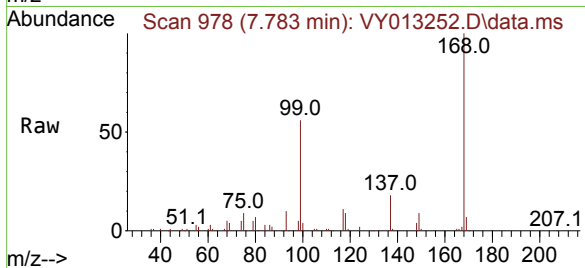
Tgt Ion: 75 Resp: 5203

Ion Ratio Lower Upper

75 100

110 7.6 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.266 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013252.D

Acq: 11 Apr 2023 18:57

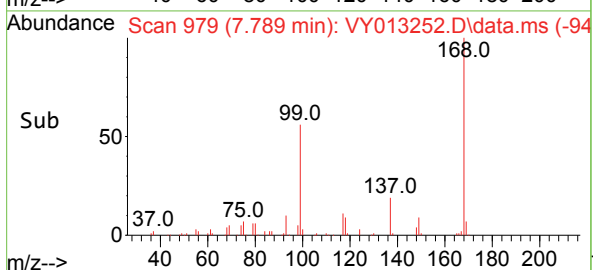
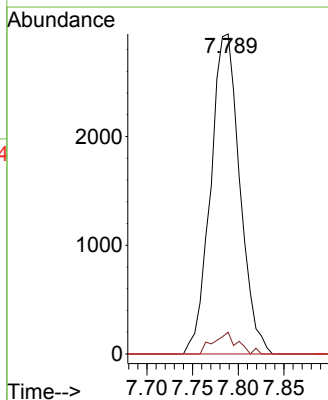
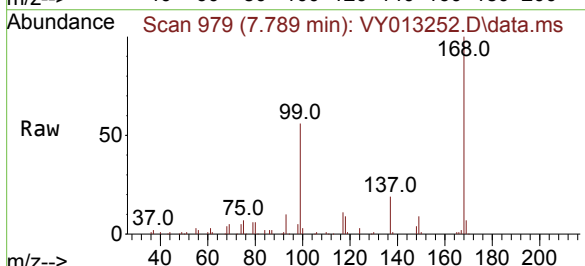
Tgt Ion: 117 Resp: 6539

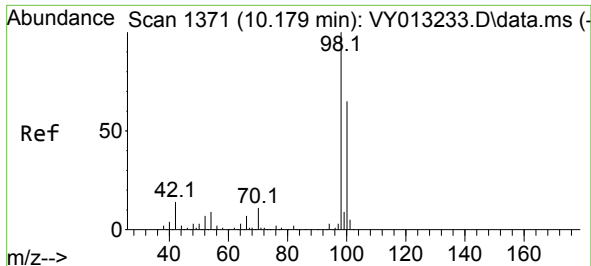
Ion Ratio Lower Upper

117 100

119 6.8 77.2 115.8#

121 0.0 24.7 37.1#

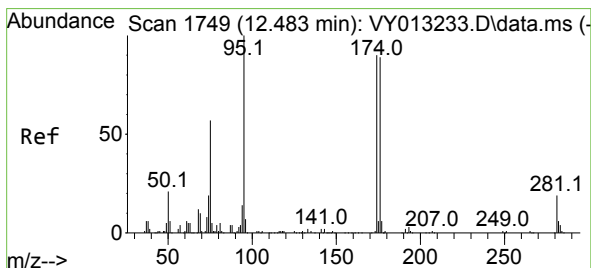
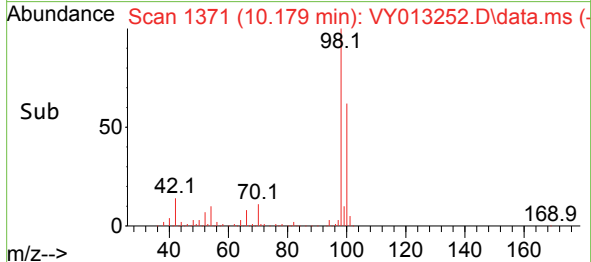
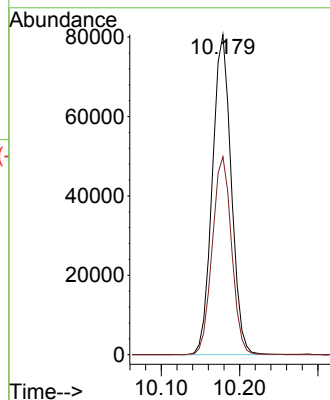
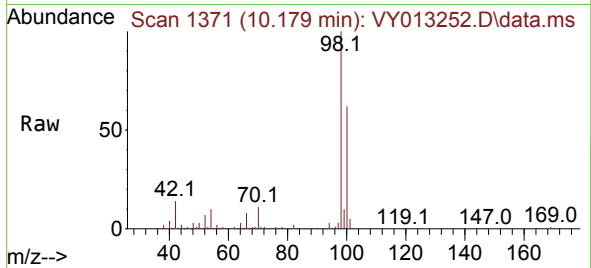




#50
Toluene-d8
Concen: 59.298 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

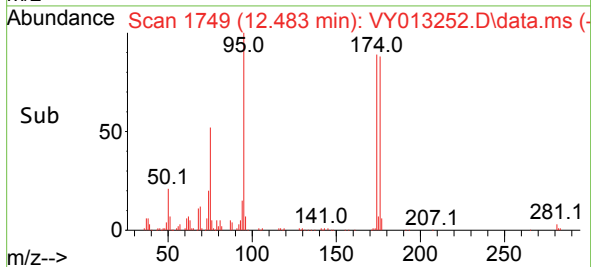
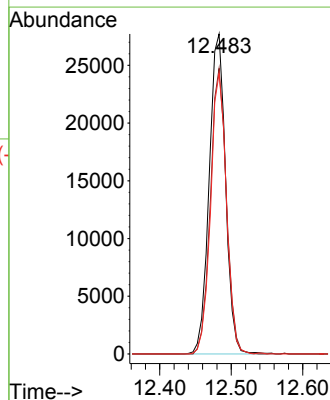
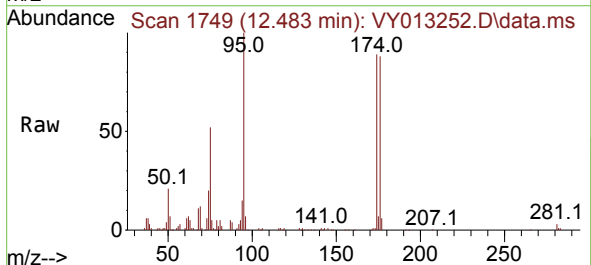
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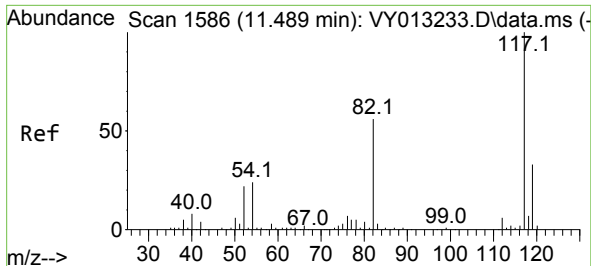
Tgt Ion: 98 Resp: 135290
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Tgt Ion: 95 Resp: 44105
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 84.8 0.0 170.2

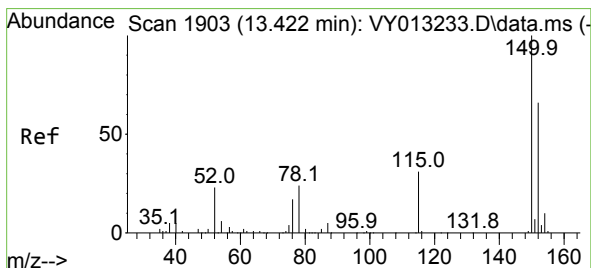
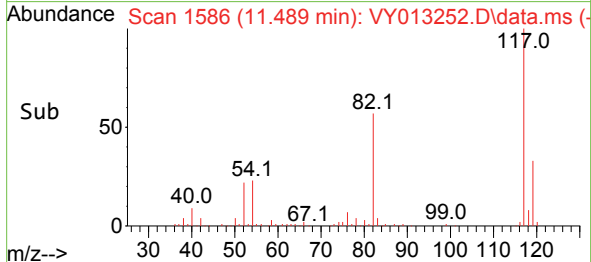
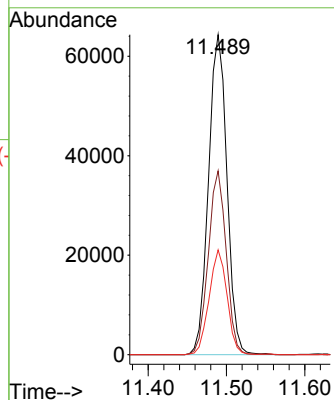
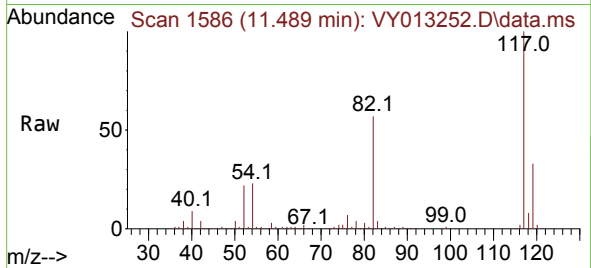




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

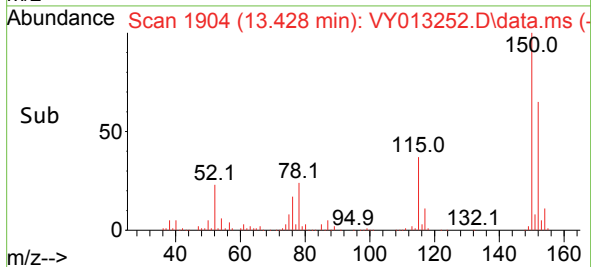
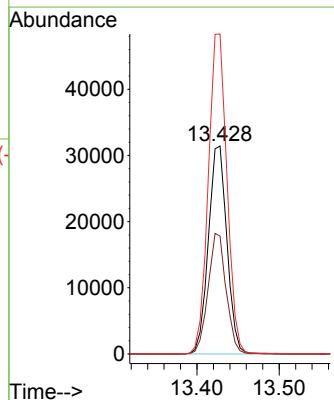
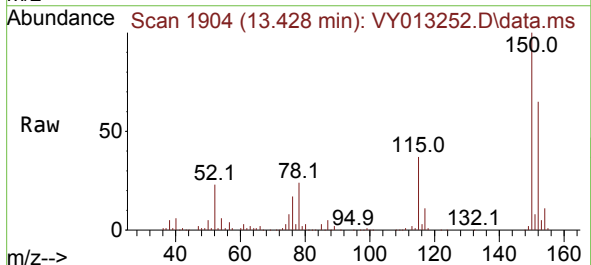
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-7-9-20230410

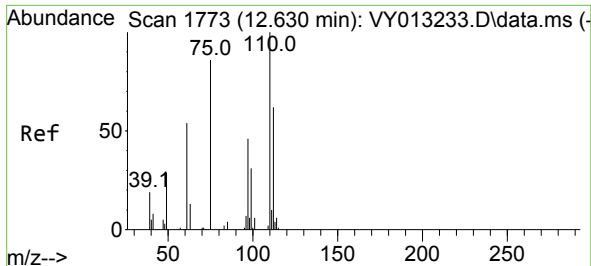
Tgt Ion:117 Resp: 105058
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.0
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Tgt Ion:152 Resp: 49229
Ion Ratio Lower Upper
152 100
115 56.5 27.1 81.3
150 155.1 0.0 347.8

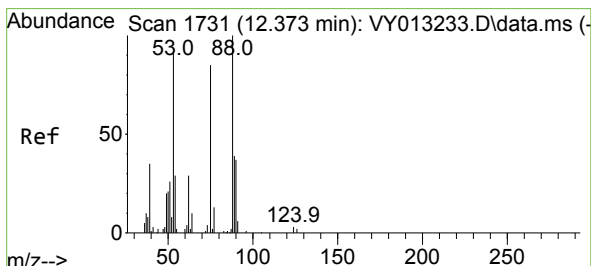
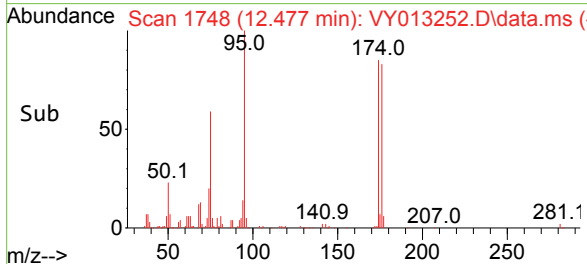
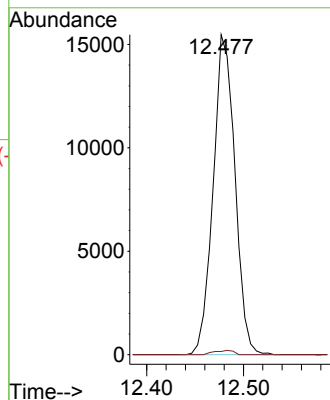
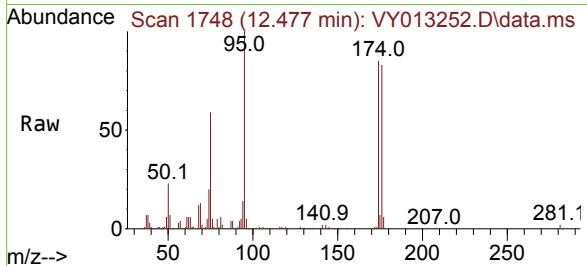




#76
1,2,3-Trichloropropane
Concen: 40.334 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-7-9-20230410

Tgt Ion: 75 Resp: 24168
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.178 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Tgt Ion: 75 Resp: 24168
Ion Ratio Lower Upper
75 100
53 0.2 73.4 110.0#
89 0.1 36.6 55.0#

