

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013319.D
 Acq On : 14 Apr 2023 15:20
 Operator : KP/MD
 Sample : 02306-03
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230255-16-1

Quant Time: Apr 17 02:12:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

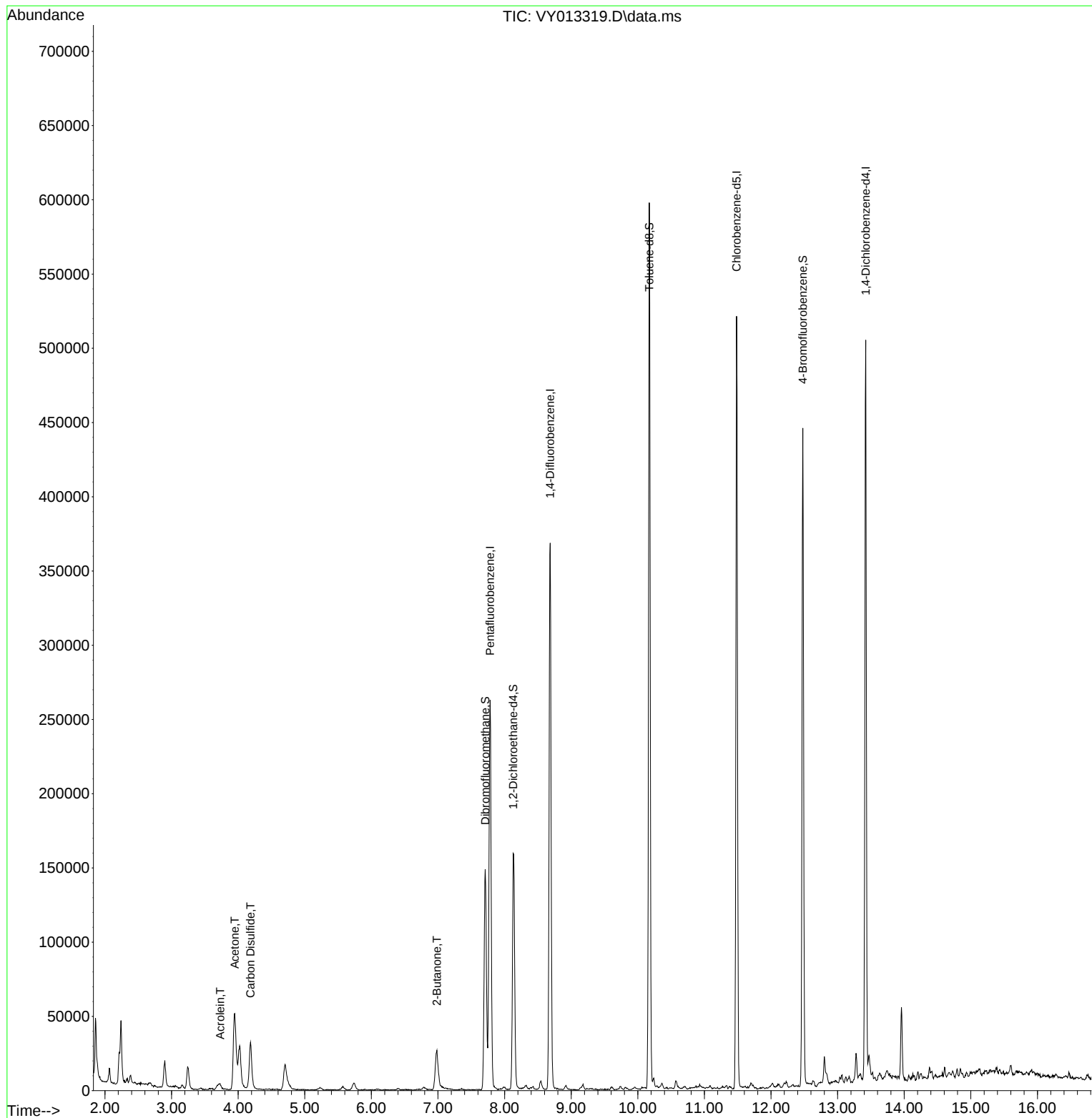
Internal Standards						
1) Pentafluorobenzene	7.783	168	210615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	322742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	286468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	126604	50.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.040%	
35) Dibromofluoromethane	7.710	113	105925	50.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.400%	
50) Toluene-d8	10.173	98	380242	48.892	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	12.477	95	120870	47.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.660%	
Target Compounds						
						Qvalue
13) Acrolein	3.729	56	4701	15.119	ug/l	# 22
16) Acetone	3.948	43	115383	132.584	ug/l	100
17) Carbon Disulfide	4.186	76	62123	9.521	ug/l	99
25) 2-Butanone	6.984	43	35490	31.850	ug/l	98

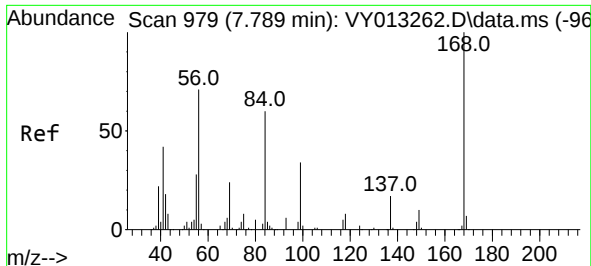
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
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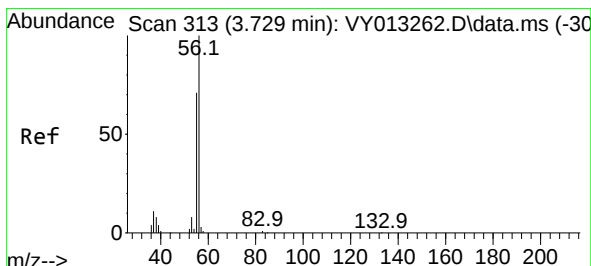
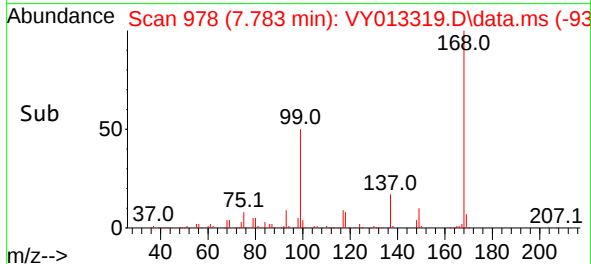
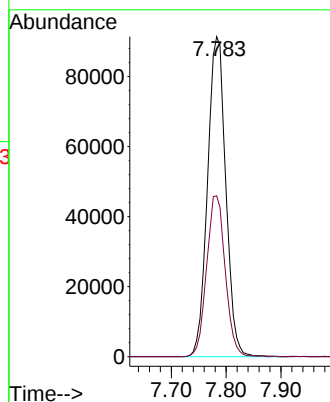
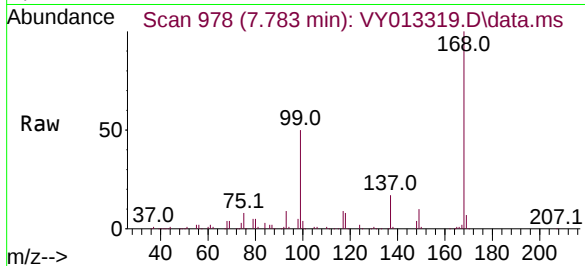




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013319.D
Acq: 14 Apr 2023 15:20

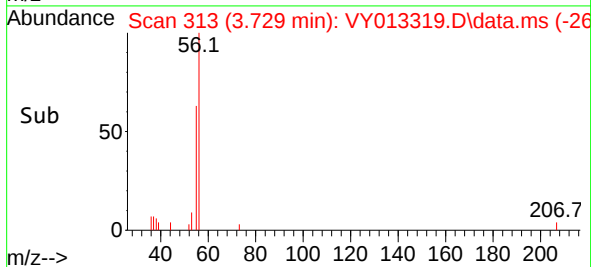
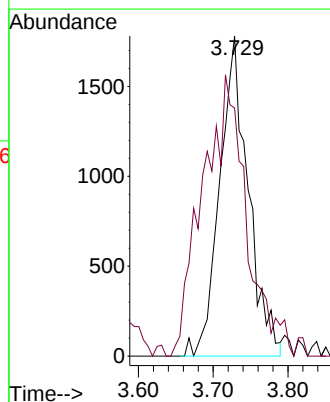
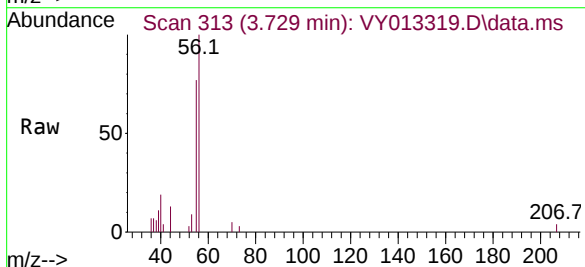
Instrument :
MSVOA_Y
ClientSampleId :
20230255-16-1

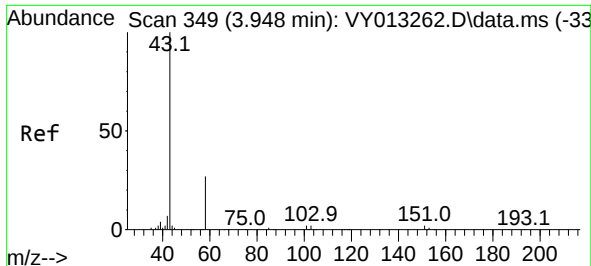
Tgt Ion:168 Resp: 210615
Ion Ratio Lower Upper
168 100
99 50.3 41.7 62.5



#13
Acrolein
Concen: 15.119 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013319.D
Acq: 14 Apr 2023 15:20

Tgt Ion: 56 Resp: 4701
Ion Ratio Lower Upper
56 100
55 135.4 56.8 85.2#

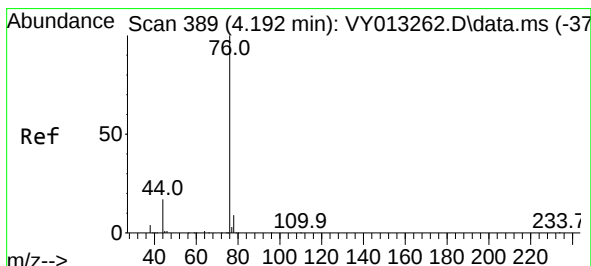
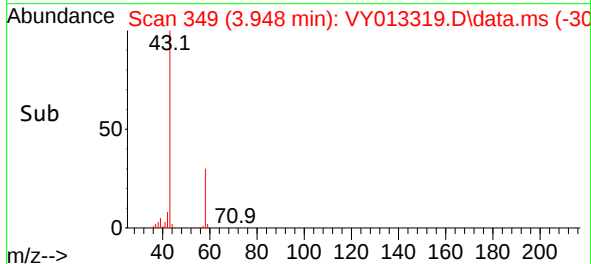
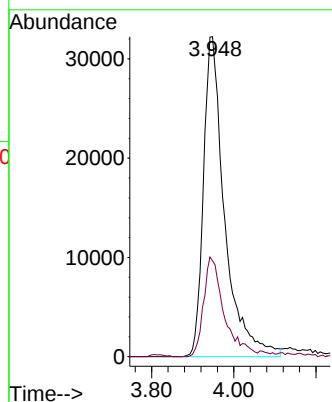
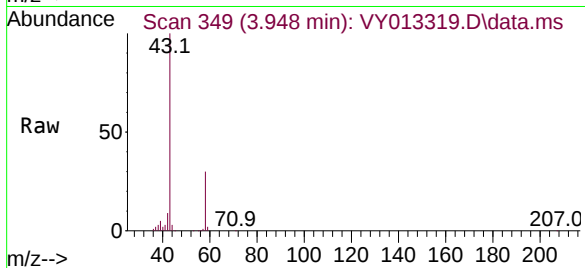




#16
Acetone
Concen: 132.584 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013319.D
Acq: 14 Apr 2023 15:20

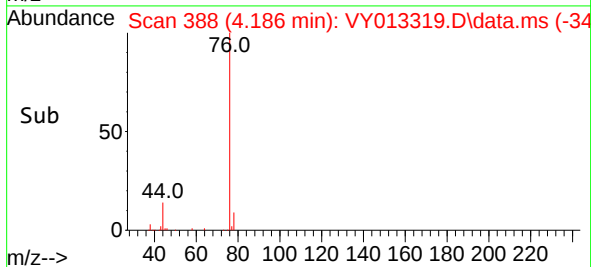
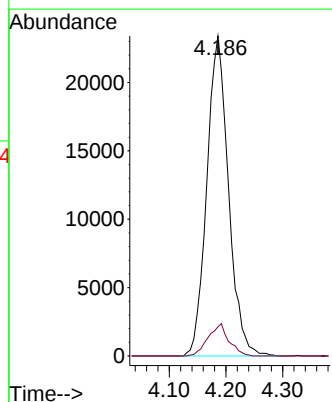
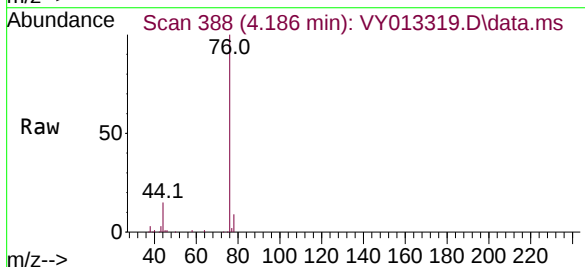
Instrument :
MSVOA_Y
ClientSampleId :
20230255-16-1

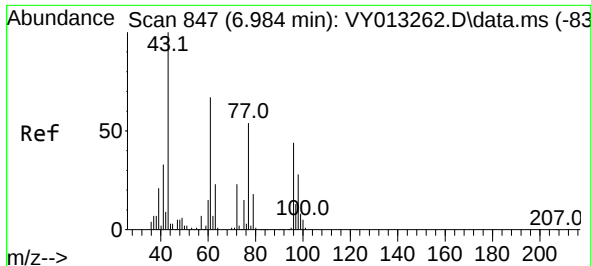
Tgt Ion: 43 Resp: 115383
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.2



#17
Carbon Disulfide
Concen: 9.521 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY013319.D
Acq: 14 Apr 2023 15:20

Tgt Ion: 76 Resp: 62123
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

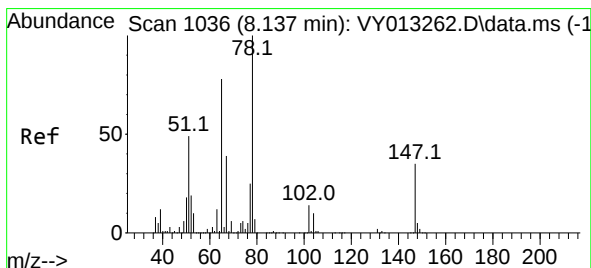
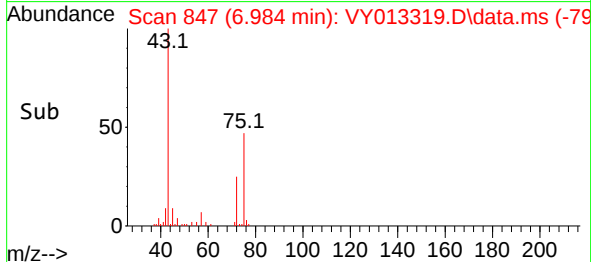
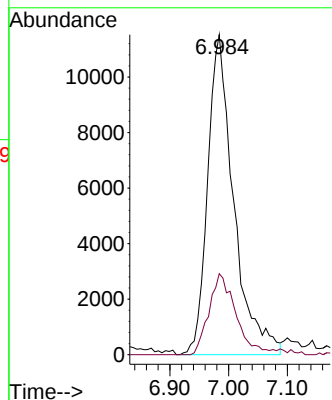
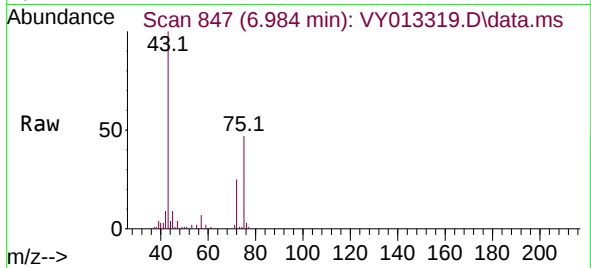




#25
2-Butanone
Concen: 31.850 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013319.D
Acq: 14 Apr 2023 15:20

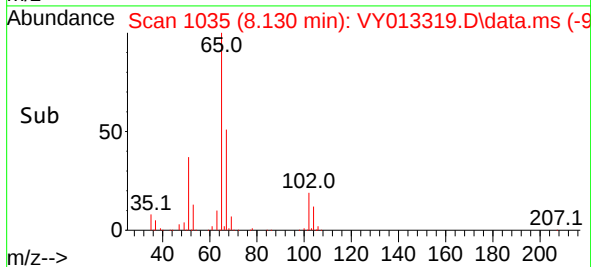
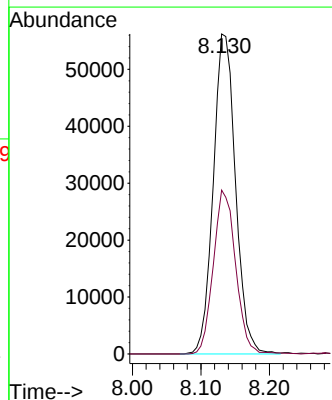
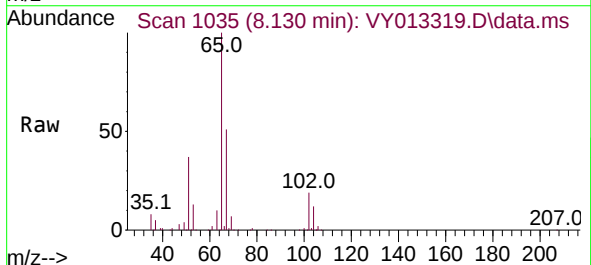
Instrument :
MSVOA_Y
ClientSampleId :
20230255-16-1

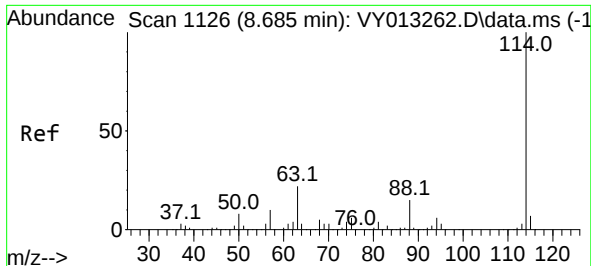
Tgt Ion: 43 Resp: 35490
Ion Ratio Lower Upper
43 100
72 25.3 21.0 31.4



#33
1,2-Dichloroethane-d4
Concen: 50.019 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013319.D
Acq: 14 Apr 2023 15:20

Tgt Ion: 65 Resp: 126604
Ion Ratio Lower Upper
65 100
67 51.4 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: VY013319.D

Acq: 14 Apr 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

20230255-16-1

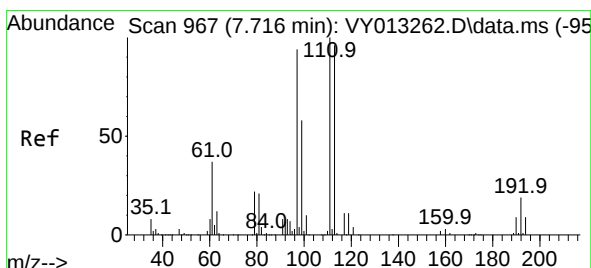
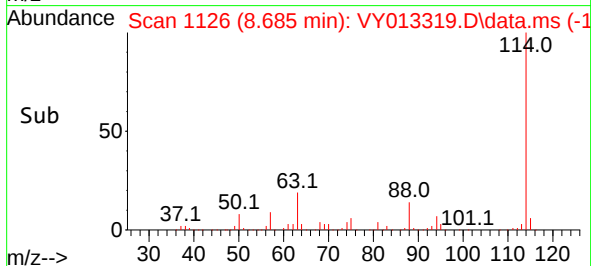
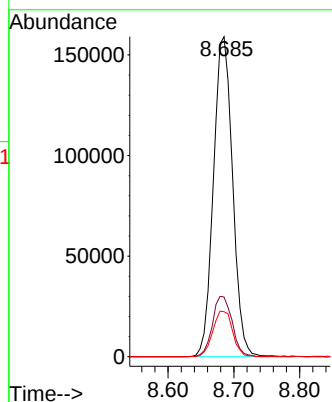
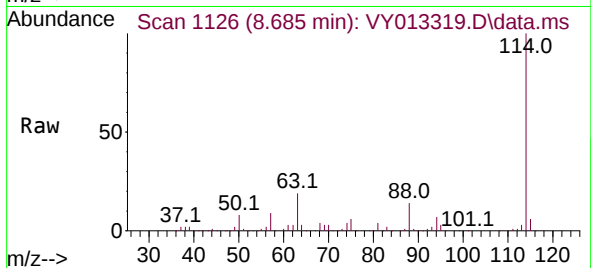
Tgt Ion:114 Resp: 322742

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.696 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013319.D

Acq: 14 Apr 2023 15:20

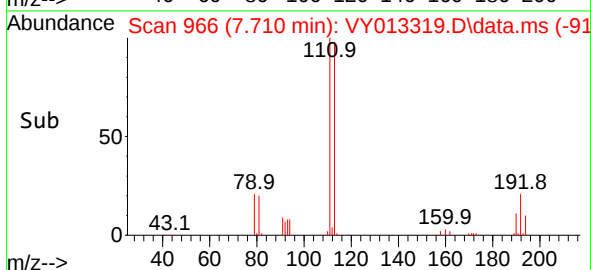
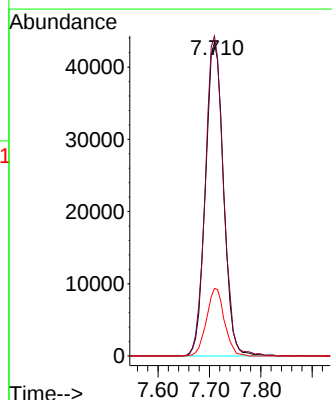
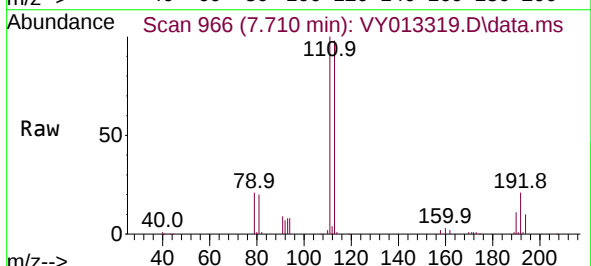
Tgt Ion:113 Resp: 105925

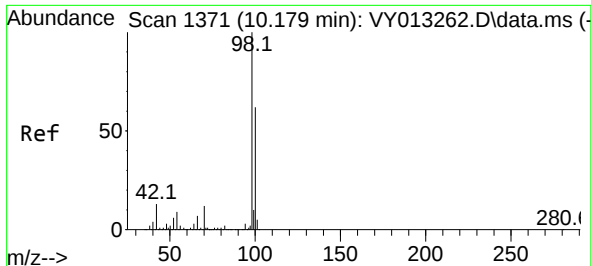
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 21.3 16.8 25.2

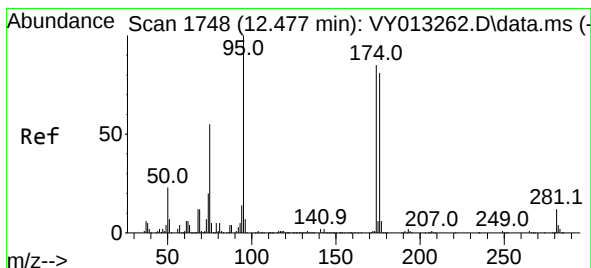
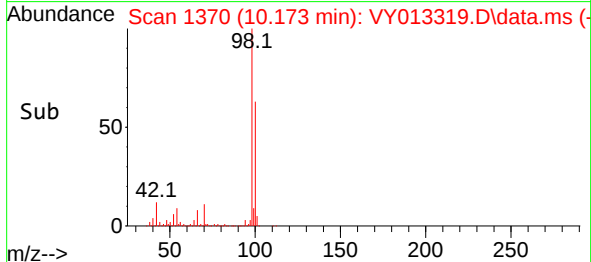
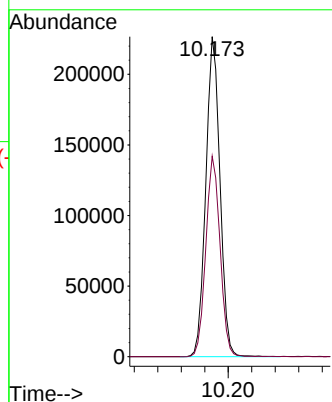
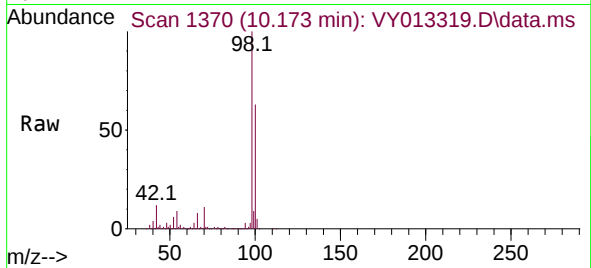




#50
Toluene-d8
Concen: 48.892 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013319.D
Acq: 14 Apr 2023 15:20

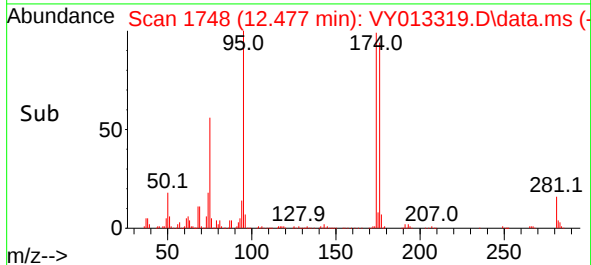
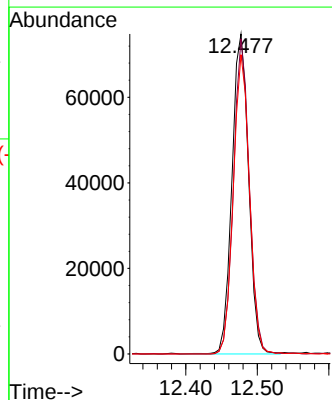
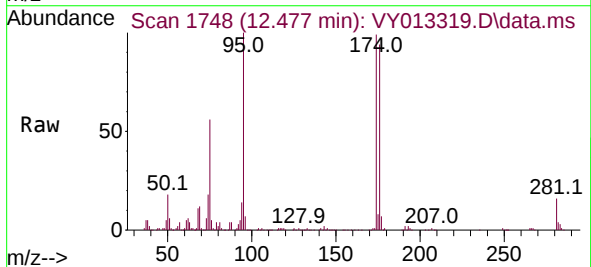
Instrument :
MSVOA_Y
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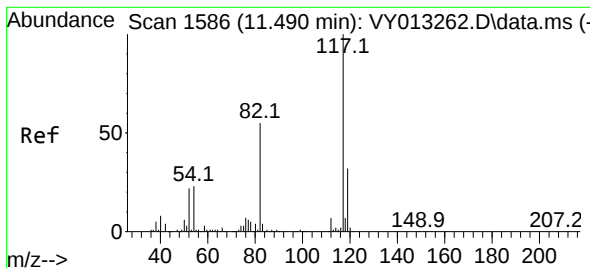
Tgt Ion: 98 Resp: 380242
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.833 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013319.D
Acq: 14 Apr 2023 15:20

Tgt Ion: 95 Resp: 120870
Ion Ratio Lower Upper
95 100
174 93.5 0.0 176.6
176 90.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013319.D

Acq: 14 Apr 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

20230255-16-1

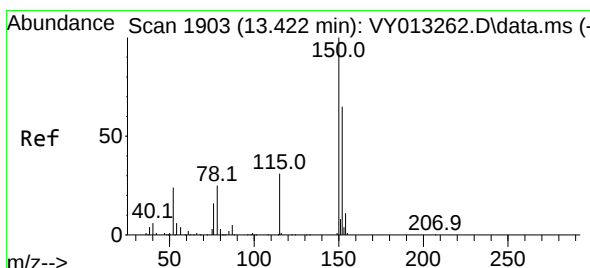
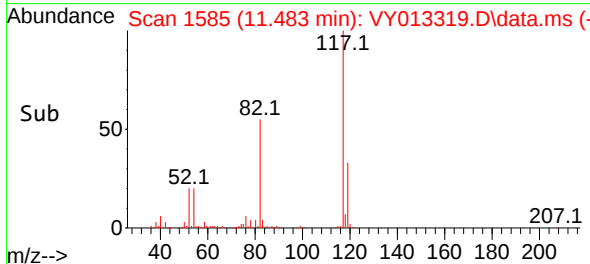
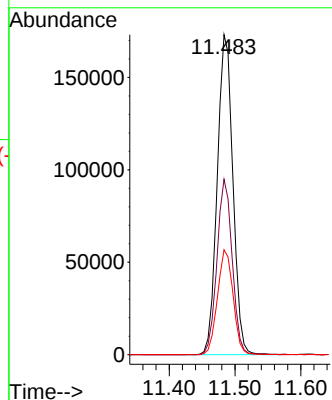
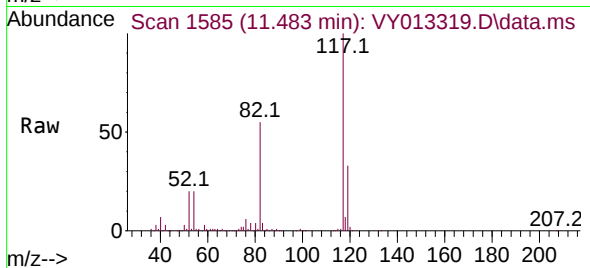
Tgt Ion:117 Resp: 286468

Ion Ratio Lower Upper

117 100

82 54.8 45.4 68.0

119 32.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013319.D

Acq: 14 Apr 2023 15:20

Tgt Ion:152 Resp: 127925

Ion Ratio Lower Upper

152 100

115 57.2 27.1 81.3

150 156.4 0.0 347.8

