

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017077.D
 Acq On : 22 Jan 2024 15:52
 Operator : SY/MD
 Sample : P1207-05
 Misc : 4.94g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EC68-EAST

Quant Time: Jan 23 01:47:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

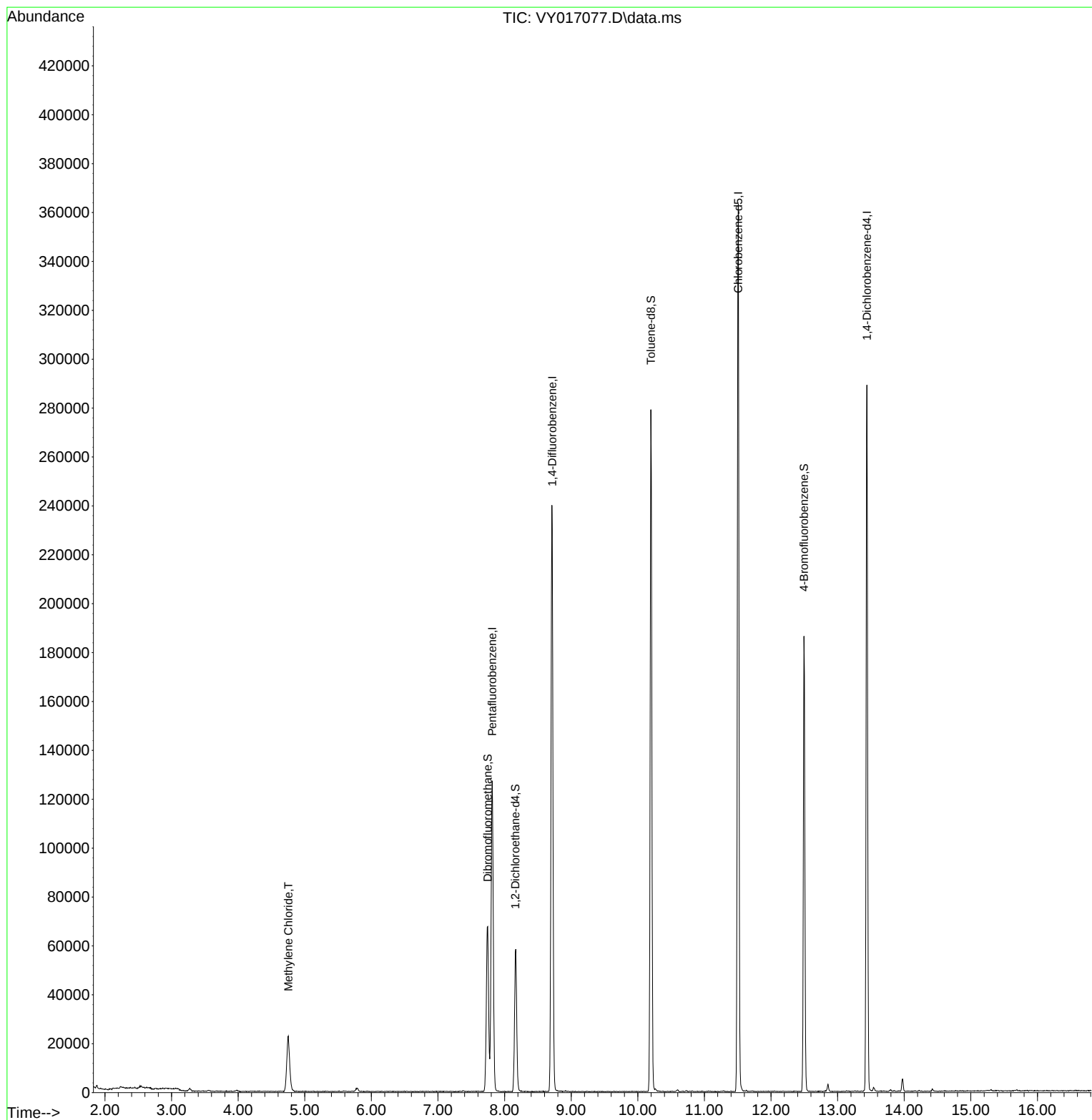
Internal Standards						
1) Pentafluorobenzene	7.813	168	97174	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	208707	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	201218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	44725	46.568	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.140%		
35) Dibromofluoromethane	7.746	113	49973	37.575	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	75.140%		
50) Toluene-d8	10.197	98	182546	39.860	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.720%		
62) 4-Bromofluorobenzene	12.495	95	56602	36.632	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	73.260%		
Target Compounds						
20) Methylene Chloride	4.753	84	16755	7.244	ug/l	95

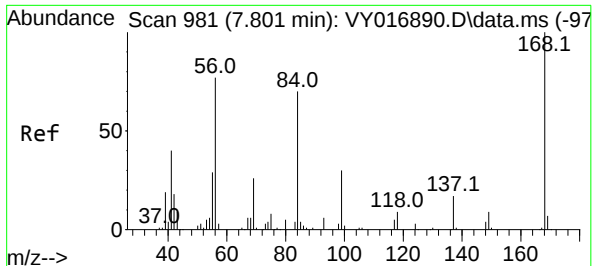
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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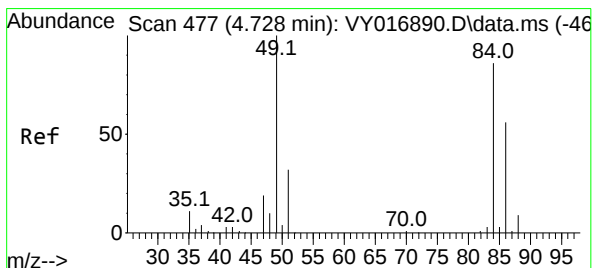
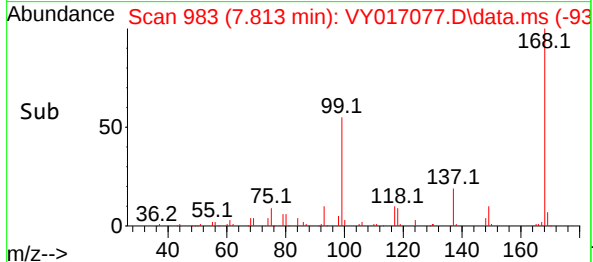
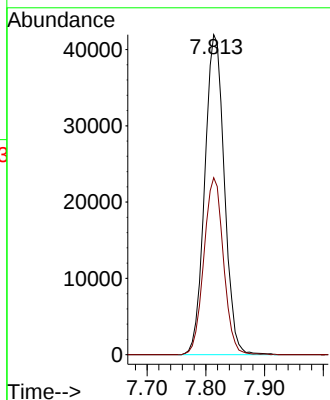
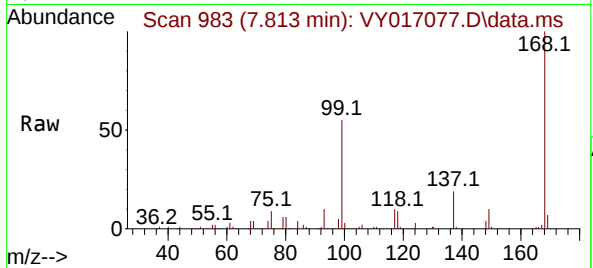




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

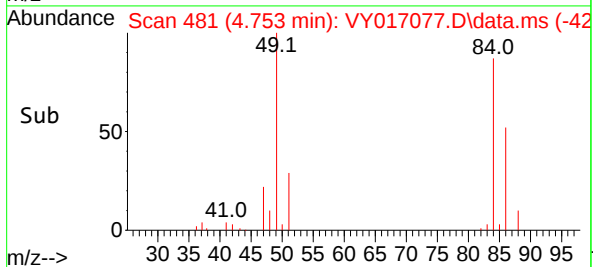
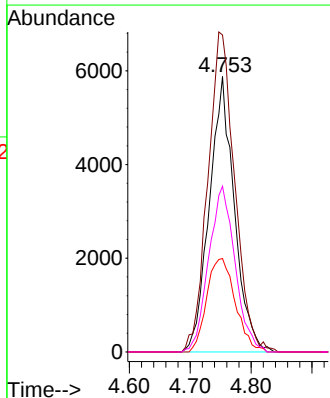
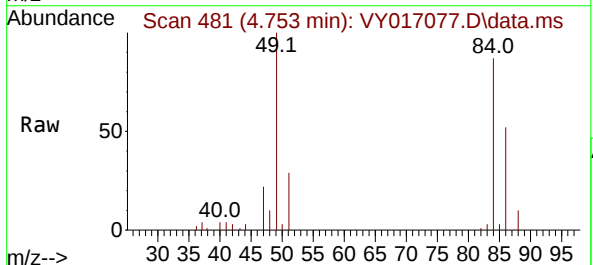
Instrument :
MSVOA_Y
ClientSampleId :
EC68-EAST

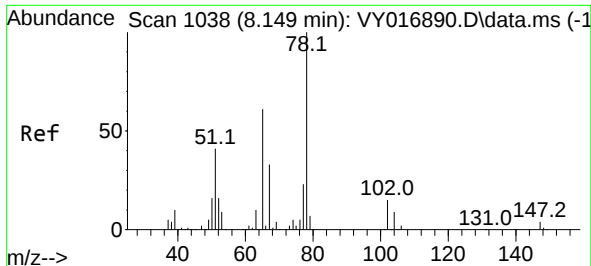
Tgt Ion:168 Resp: 97174
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#20
Methylene Chloride
Concen: 7.244 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

Tgt Ion: 84 Resp: 16755
Ion Ratio Lower Upper
84 100
49 115.1 95.2 142.8
51 33.9 29.9 44.9
86 60.2 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 46.568 ug/l

RT: 8.161 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY017077.D

Acq: 22 Jan 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

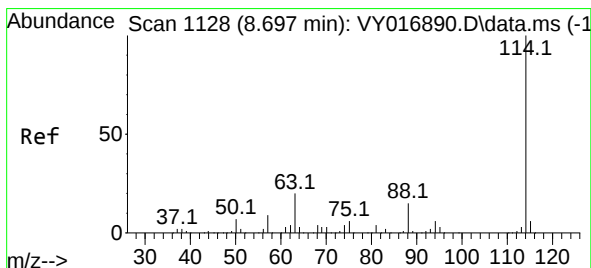
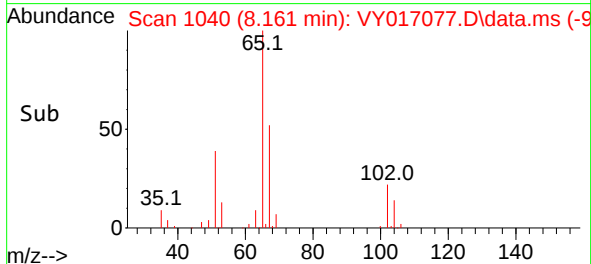
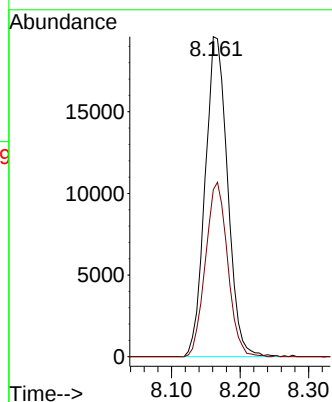
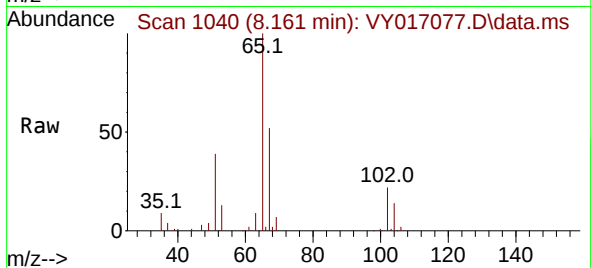
EC68-EAST

Tgt Ion: 65 Resp: 44725

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY017077.D

Acq: 22 Jan 2024 15:52

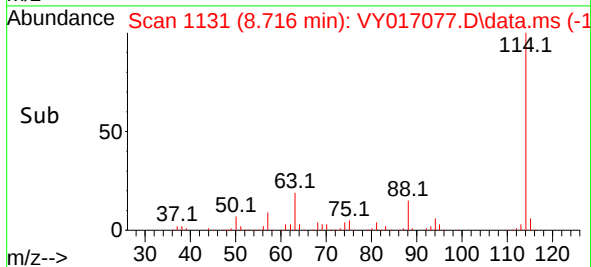
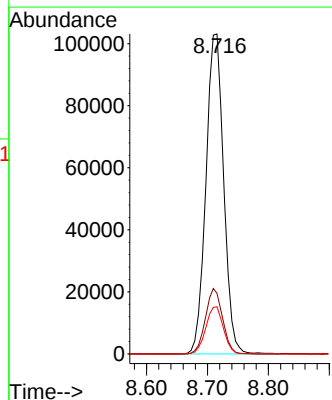
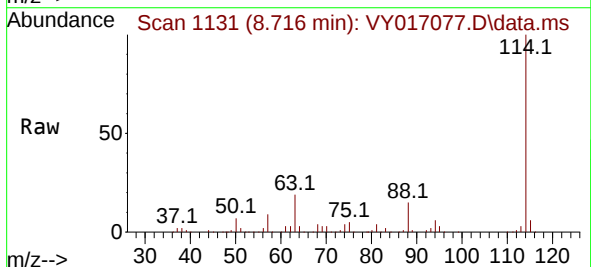
Tgt Ion: 114 Resp: 208707

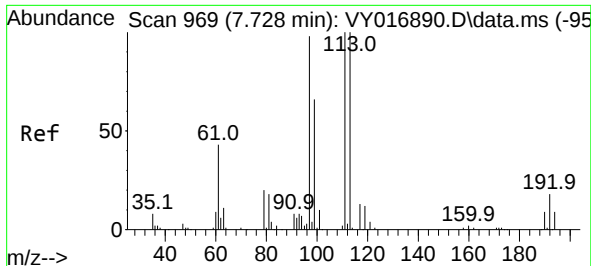
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 37.575 ug/l

RT: 7.746 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY017077.D

Acq: 22 Jan 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

EC68-EAST

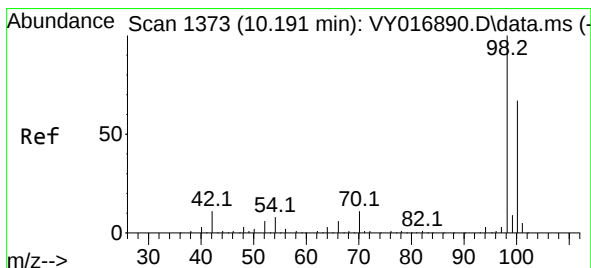
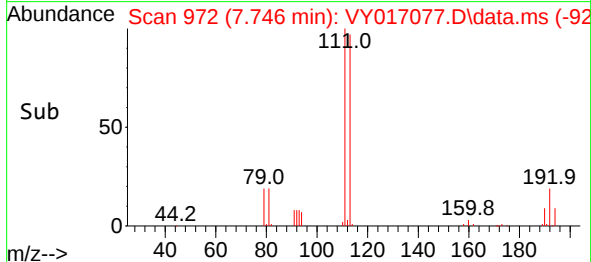
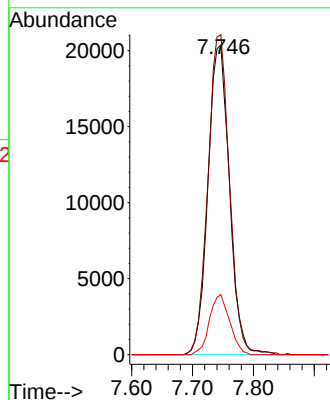
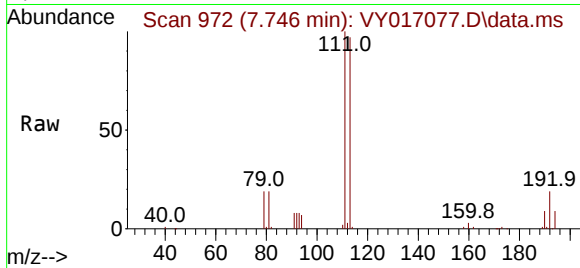
Tgt Ion:113 Resp: 49973

Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 18.3 14.5 21.7



#50

Toluene-d8

Concen: 39.860 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017077.D

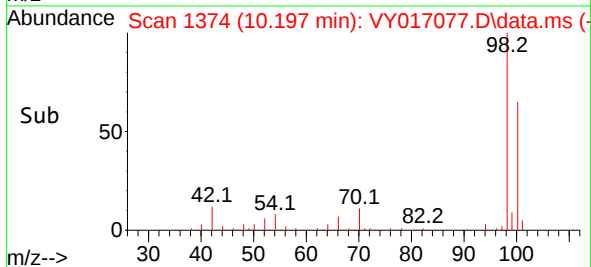
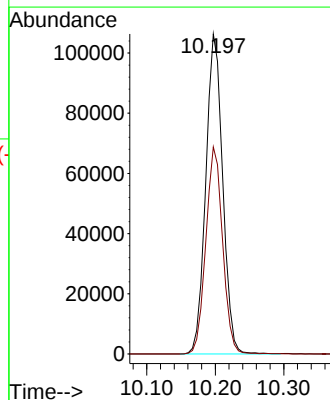
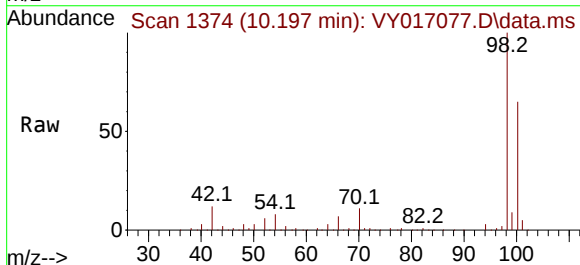
Acq: 22 Jan 2024 15:52

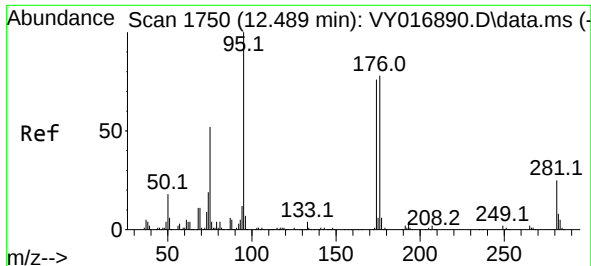
Tgt Ion: 98 Resp: 182546

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5

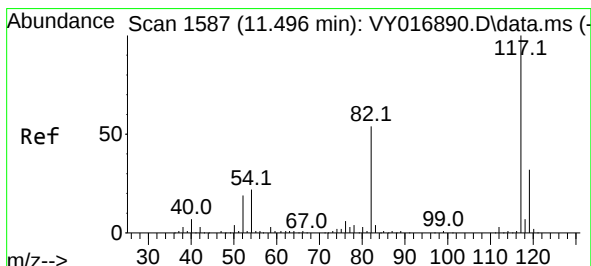
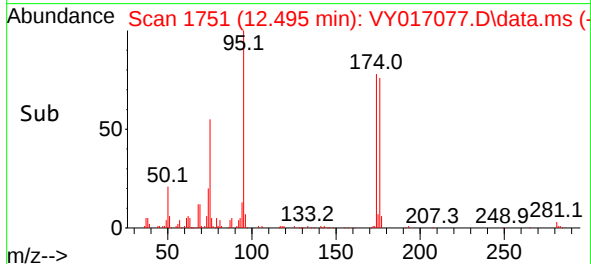
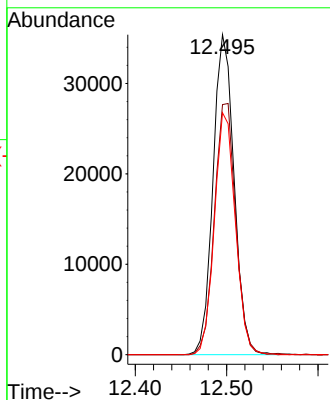
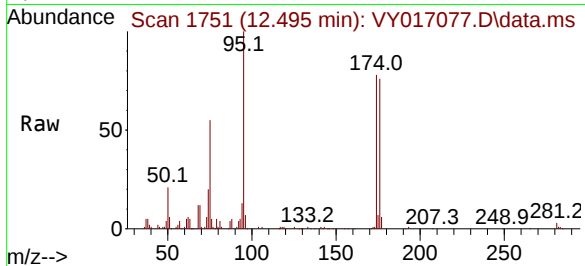




#62
4-Bromofluorobenzene
Concen: 36.632 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

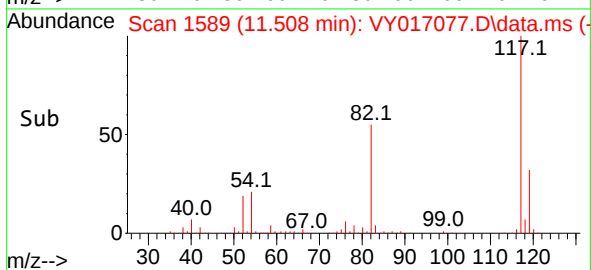
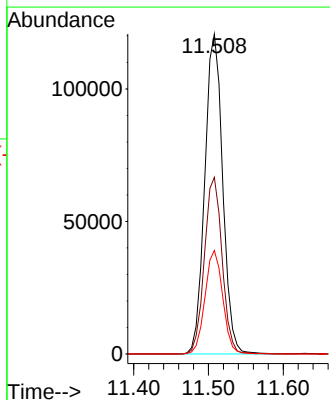
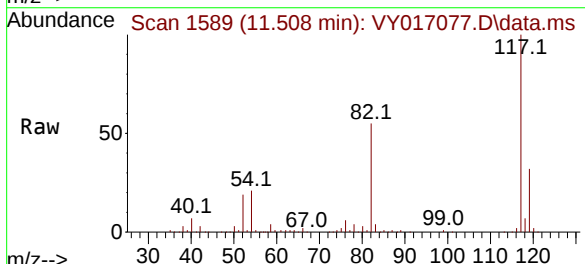
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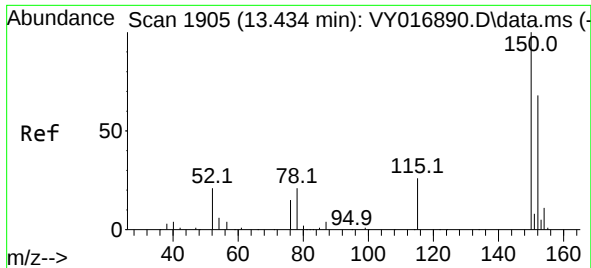
Tgt Ion: 95 Resp: 56602
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.0
176 75.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

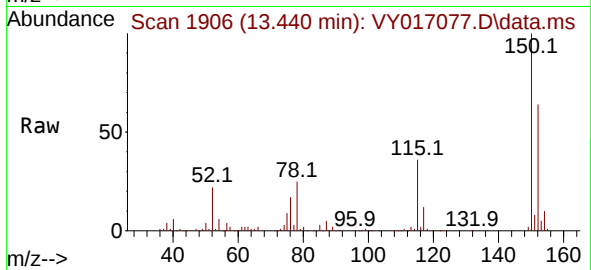
Tgt Ion: 117 Resp: 201218
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 32.4 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY017077.D
 Acq: 22 Jan 2024 15:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 EC68-EAST



Tgt Ion:152 Resp: 72739
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.0 90.0
 150 158.8 0.0 344.6

