

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013672.D
 Acq On : 09 May 2023 16:45
 Operator : KP/MD
 Sample : 02691-10
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-504-VOC-07

Quant Time: May 10 05:39:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

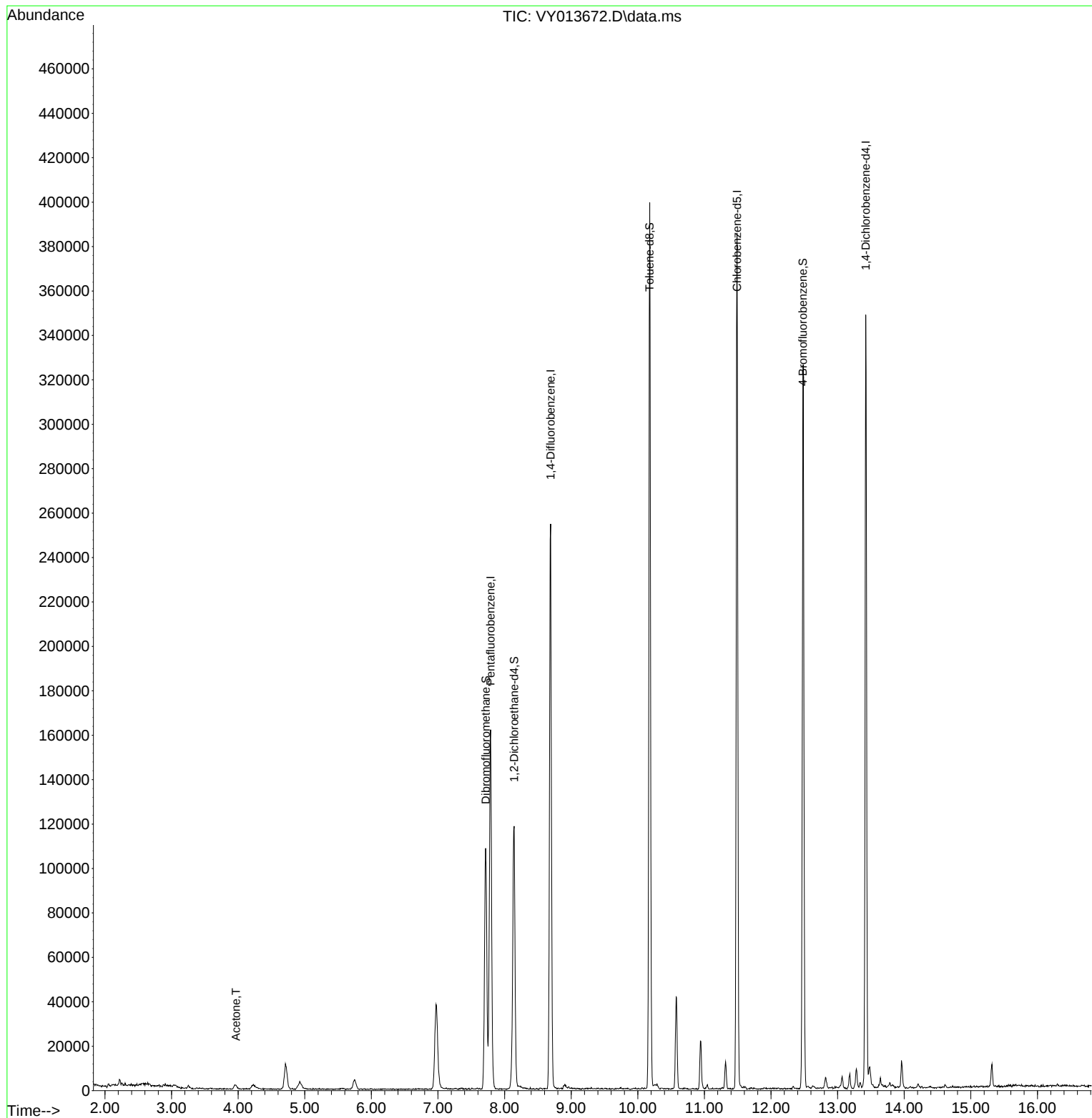
Internal Standards						
1) Pentafluorobenzene	7.789	168	124758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94799	69.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.640%	
35) Dibromofluoromethane	7.715	113	75496	57.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.420%	
50) Toluene-d8	10.178	98	255860	54.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.000%	
62) 4-Bromofluorobenzene	12.477	95	80300	50.741	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.480%	
Target Compounds						Qvalue
16) Acetone	3.966	43	4257	7.904	ug/l	94

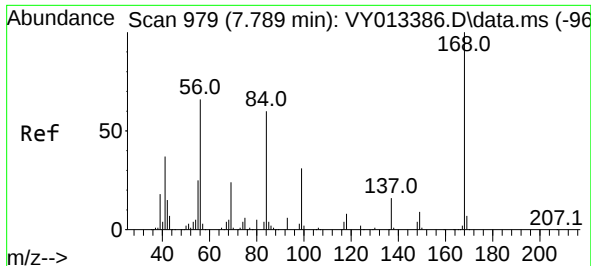
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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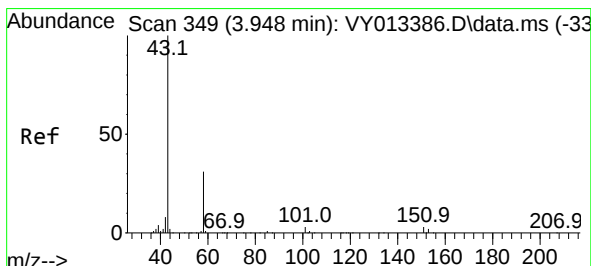
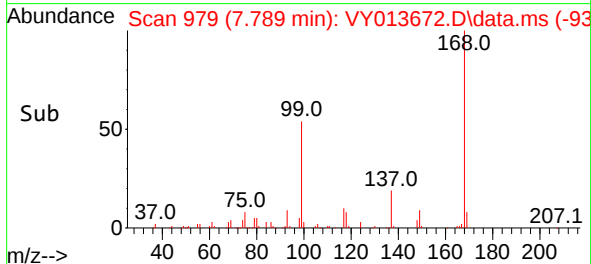
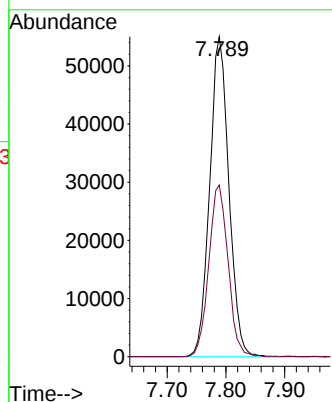
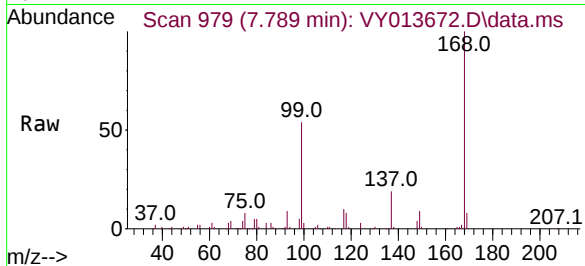




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013672.D
Acq: 09 May 2023 16:45

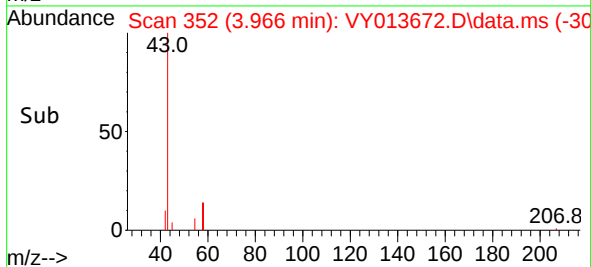
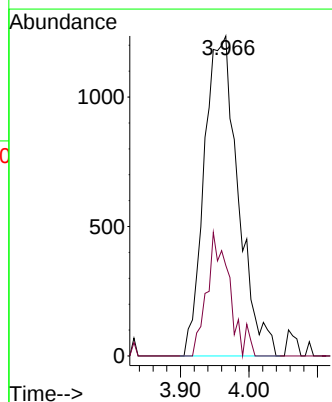
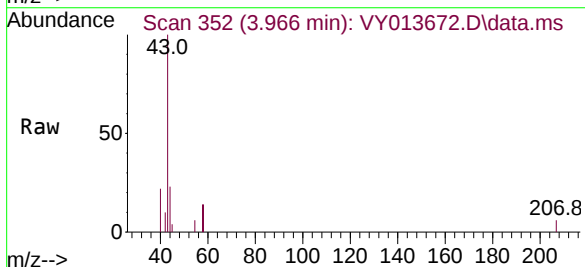
Instrument :
MSVOA_Y
ClientSampleId :
AU-504-VOC-07

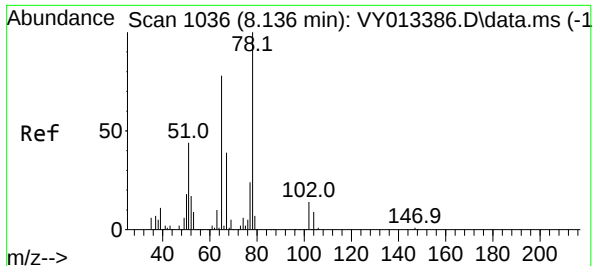
Tgt Ion:168 Resp: 124758
Ion Ratio Lower Upper
168 100
99 53.7 41.8 62.6



#16
Acetone
Concen: 7.904 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY013672.D
Acq: 09 May 2023 16:45

Tgt Ion: 43 Resp: 4257
Ion Ratio Lower Upper
43 100
58 28.3 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 69.317 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013672.D

Acq: 09 May 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

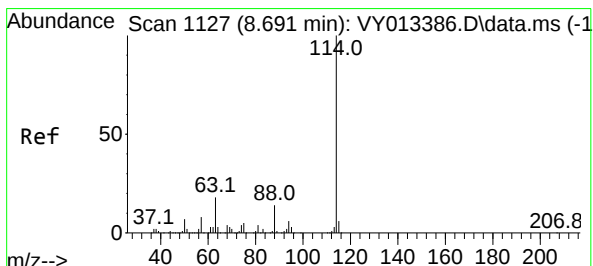
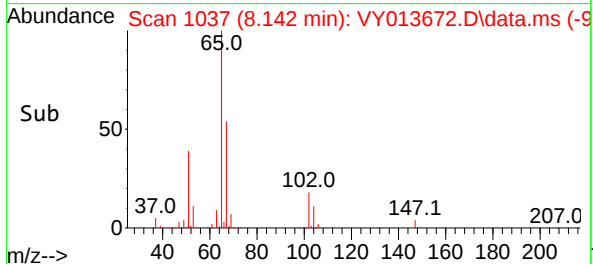
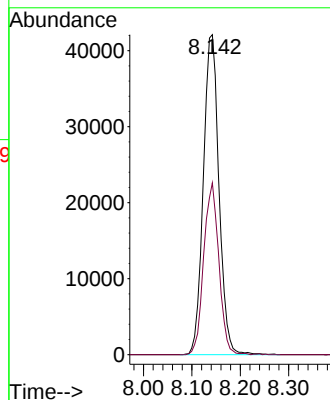
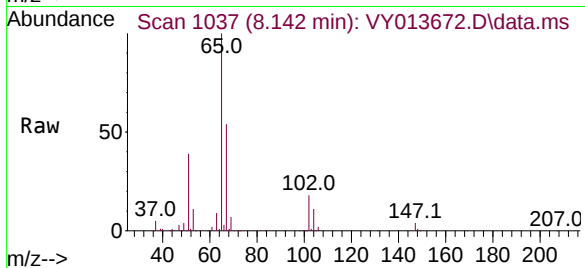
AU-504-VOC-07

Tgt Ion: 65 Resp: 94799

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013672.D

Acq: 09 May 2023 16:45

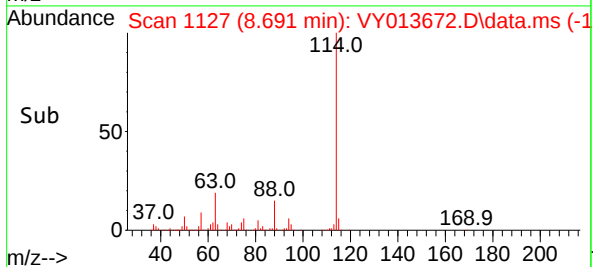
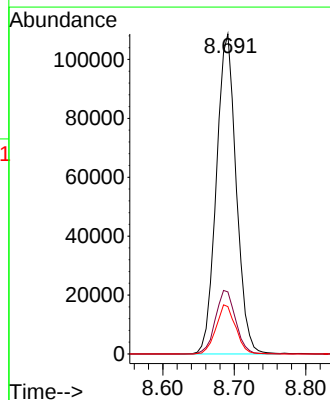
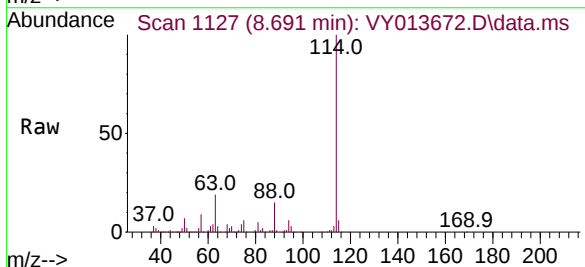
Tgt Ion: 114 Resp: 209805

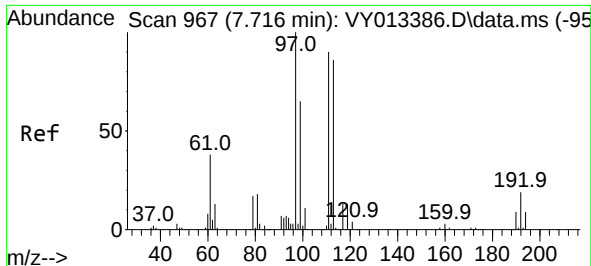
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.6

88 14.8 0.0 28.8

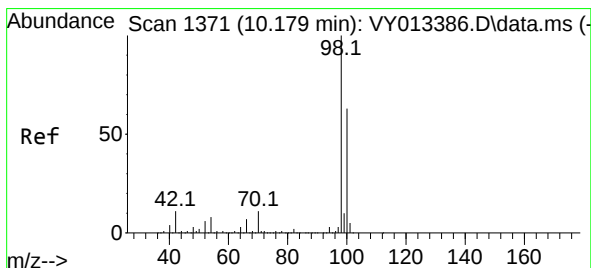
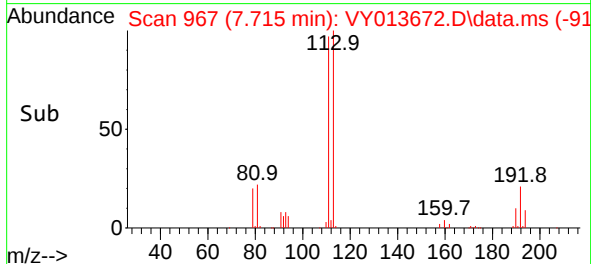
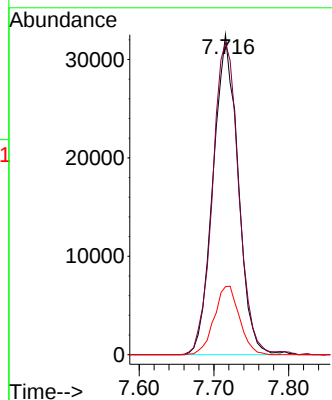
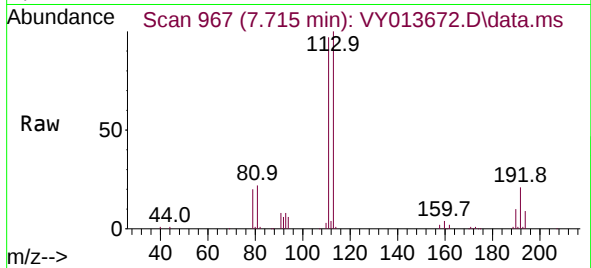




#35
Dibromofluoromethane
Concen: 57.212 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY013672.D
Acq: 09 May 2023 16:45

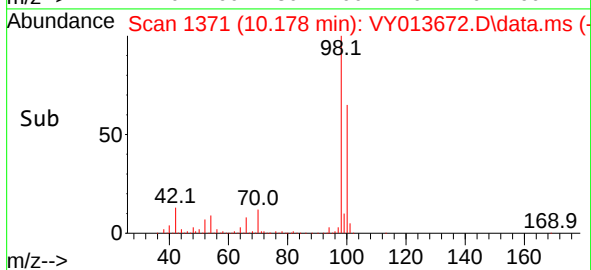
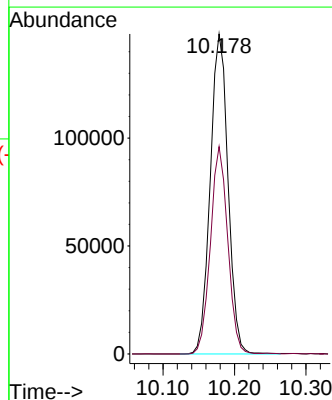
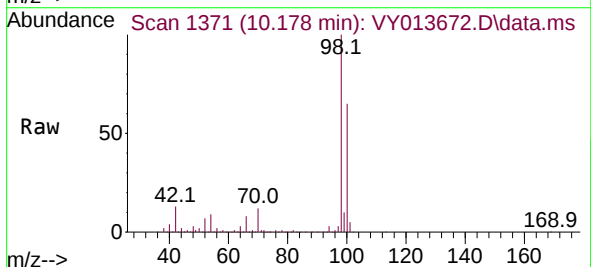
Instrument :
MSVOA_Y
ClientSampleId :
AU-504-VOC-07

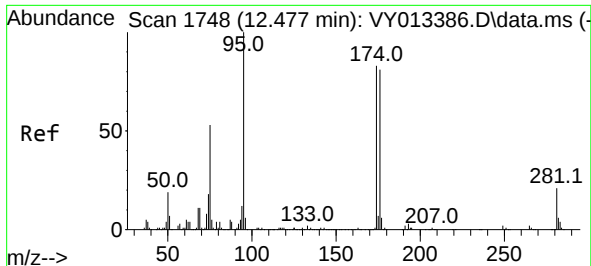
Tgt Ion:113 Resp: 75496
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 21.6 16.7 25.1



#50
Toluene-d8
Concen: 54.505 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY013672.D
Acq: 09 May 2023 16:45

Tgt Ion: 98 Resp: 255860
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

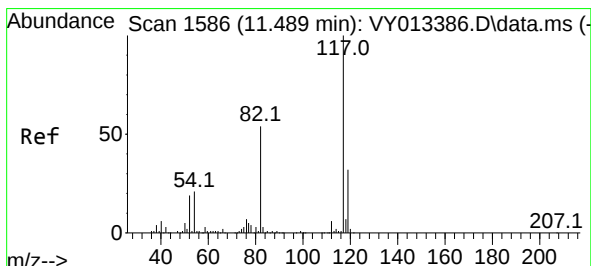
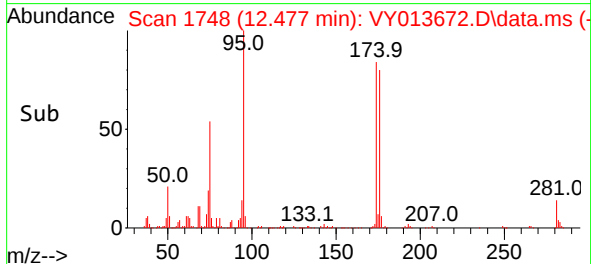
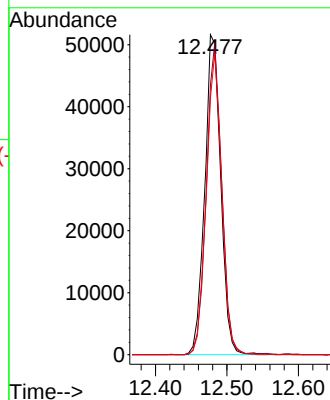
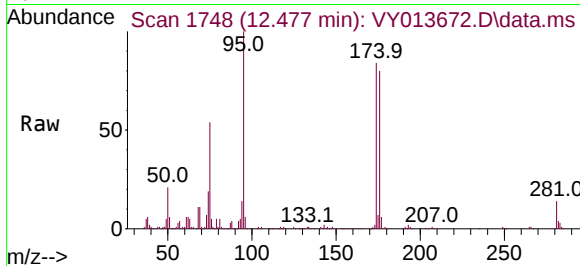




#62
4-Bromofluorobenzene
Concen: 50.741 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013672.D
Acq: 09 May 2023 16:45

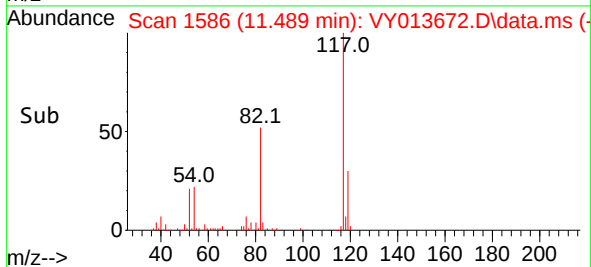
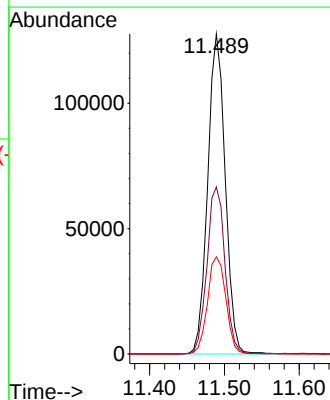
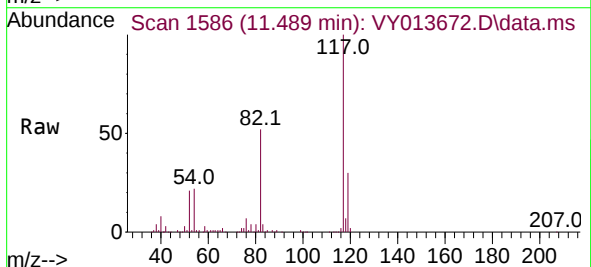
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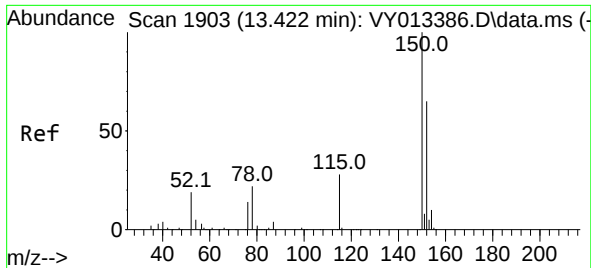
Tgt Ion: 95 Resp: 80300
Ion Ratio Lower Upper
95 100
174 93.6 0.0 182.0
176 91.4 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013672.D
Acq: 09 May 2023 16:45

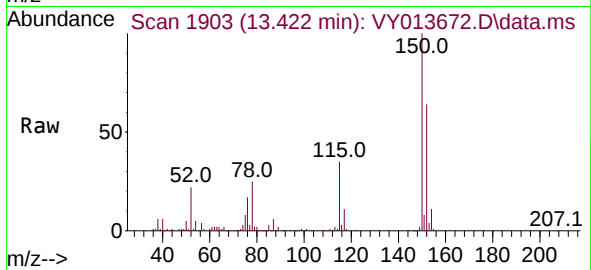
Tgt Ion: 117 Resp: 207770
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.6
119 30.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013672.D
 Acq: 09 May 2023 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-504-VOC-07



Tgt Ion:152 Resp: 90294
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.1 84.2
 150 157.8 0.0 352.0

