

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018388.D
 Acq On : 28 May 2024 18:26
 Operator : SY/MD
 Sample : P2611-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-052424

Quant Time: May 29 01:23:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

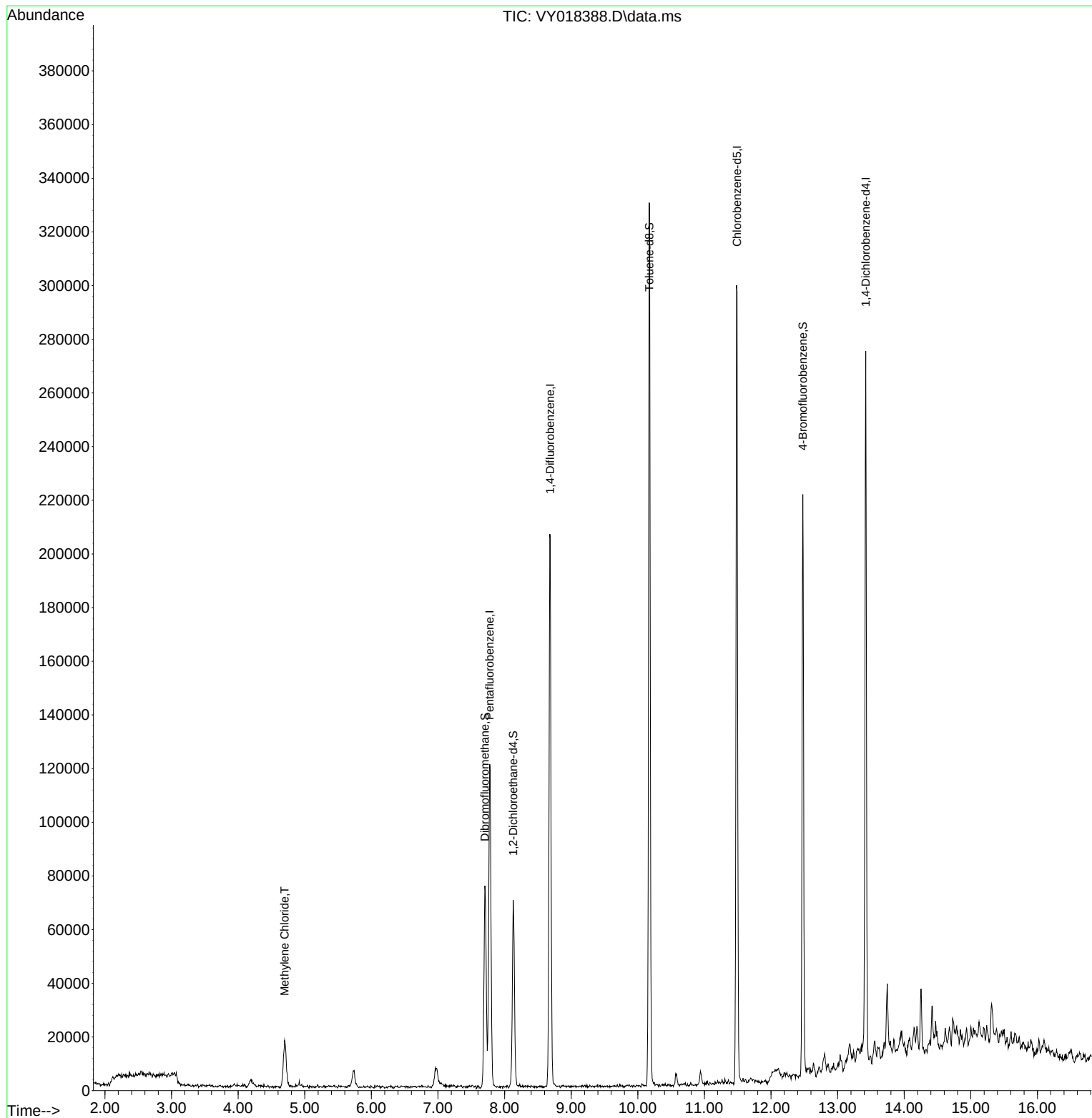
Internal Standards						
1) Pentafluorobenzene	7.777	168	88809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	178298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	162204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	50194	59.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.320%
35) Dibromofluoromethane	7.704	113	54698	52.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.220%
50) Toluene-d8	10.173	98	210314	51.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.477	95	66597	53.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.340%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.698	84	12055	8.036	ug/l #	81

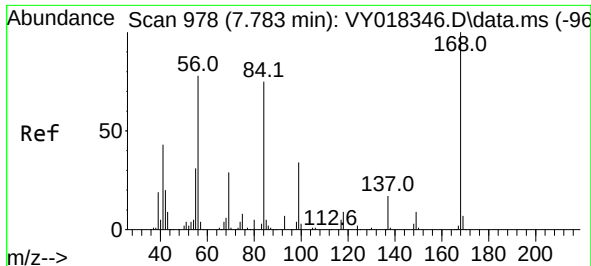
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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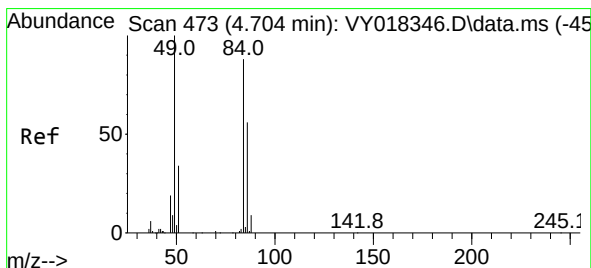
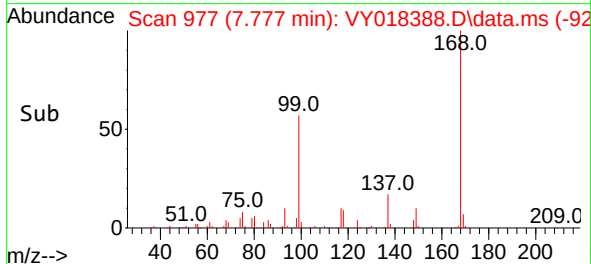
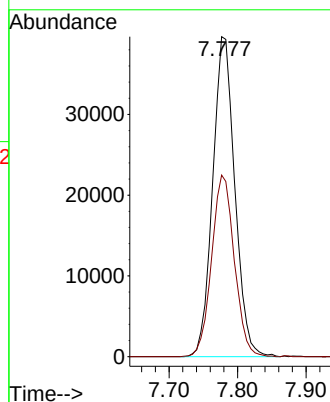
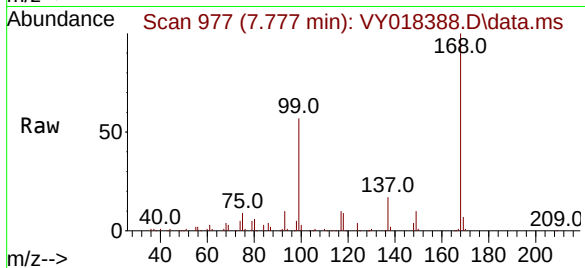




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

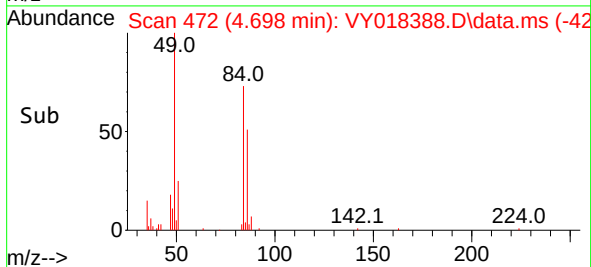
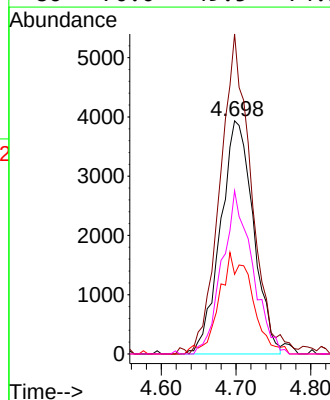
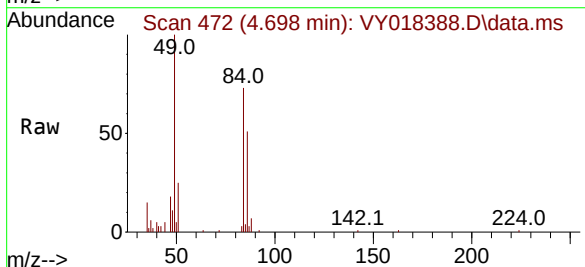
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-052424

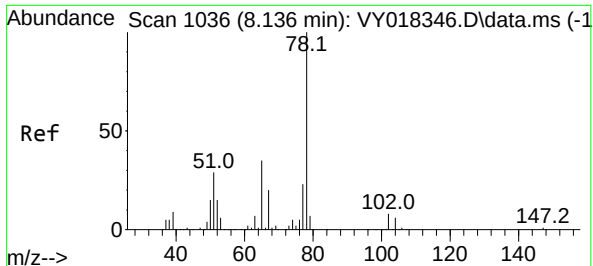
Tgt Ion:168 Resp: 88809
Ion Ratio Lower Upper
168 100
99 56.8 39.1 58.7



#20
Methylene Chloride
Concen: 8.036 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

Tgt Ion: 84 Resp: 12055
Ion Ratio Lower Upper
84 100
49 134.5 84.4 126.6#
51 34.2 26.0 39.0
86 70.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 59.656 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018388.D

Acq: 28 May 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

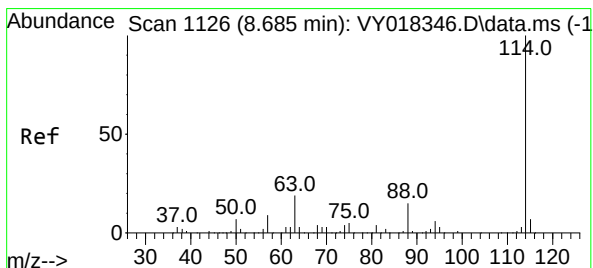
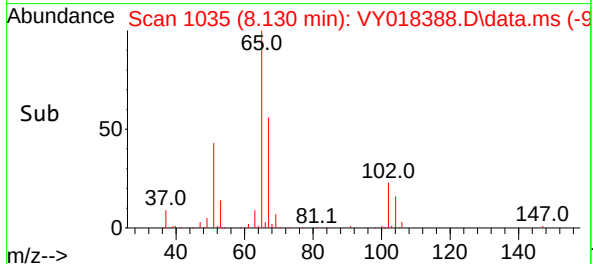
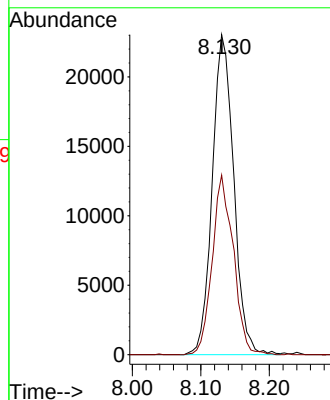
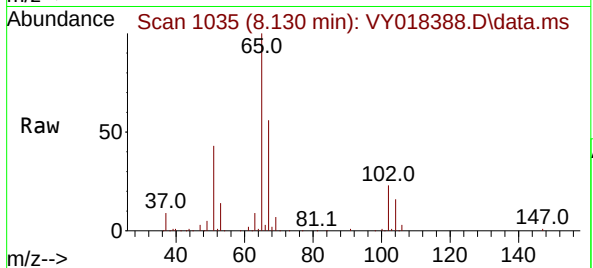
AU-06-052424

Tgt Ion: 65 Resp: 50194

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018388.D

Acq: 28 May 2024 18:26

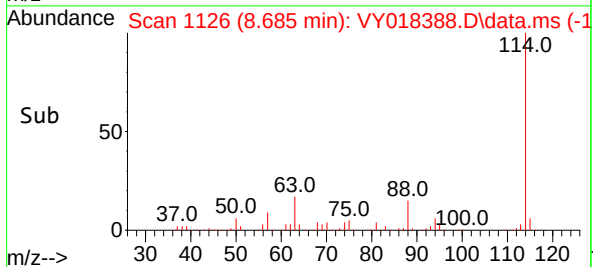
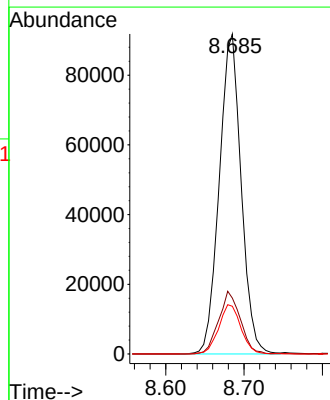
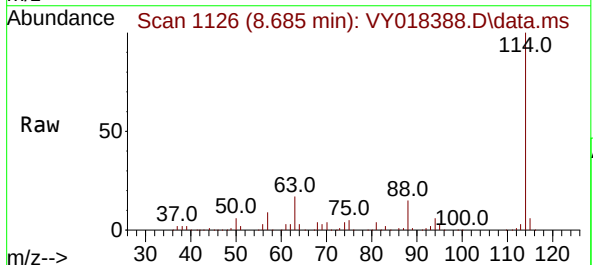
Tgt Ion: 114 Resp: 178298

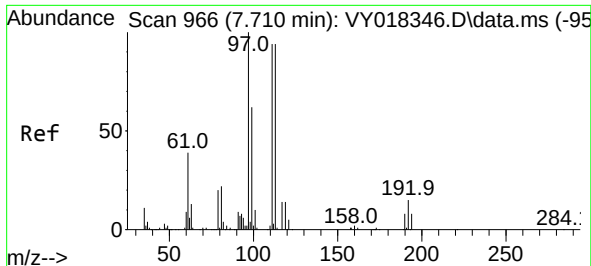
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.9 0.0 27.2

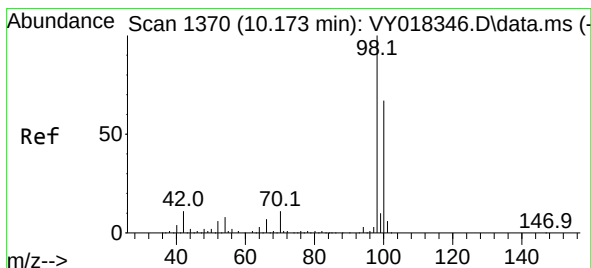
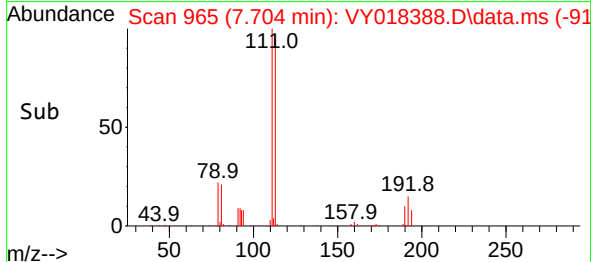
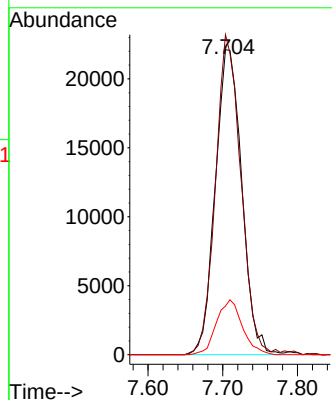
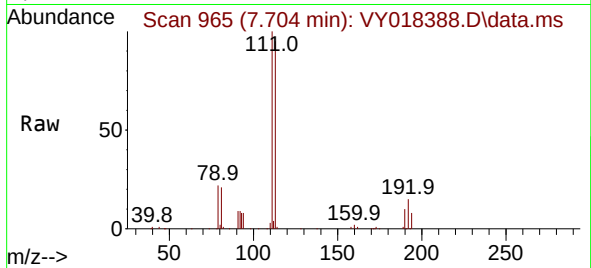




#35
 Dibromofluoromethane
 Concen: 52.607 ug/l
 RT: 7.704 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VY018388.D
 Acq: 28 May 2024 18:26

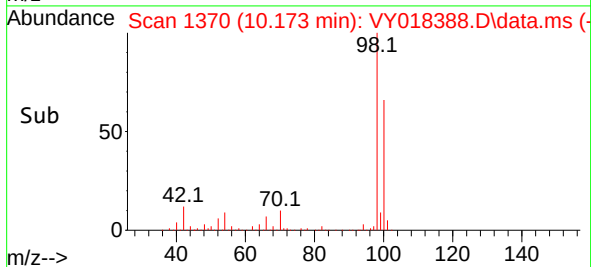
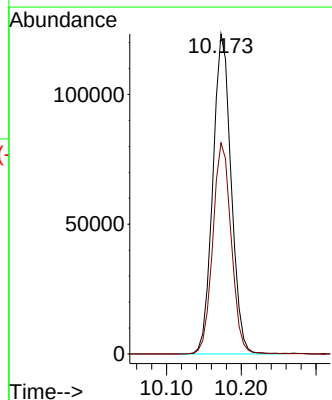
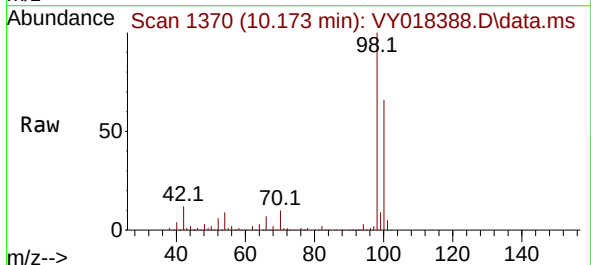
Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-052424

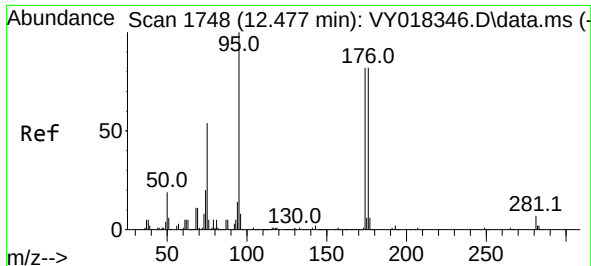
Tgt Ion:113 Resp: 54698
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.2 123.4
 192 17.6 15.9 23.9



#50
 Toluene-d8
 Concen: 51.881 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. 0.000 min
 Lab File: VY018388.D
 Acq: 28 May 2024 18:26

Tgt Ion: 98 Resp: 210314
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.0 78.0

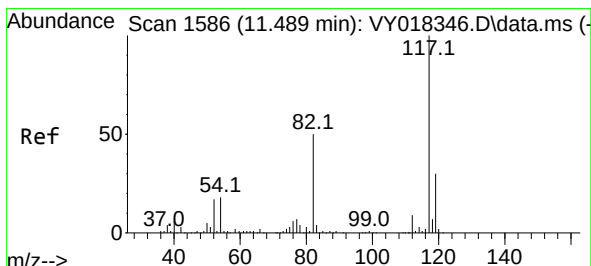
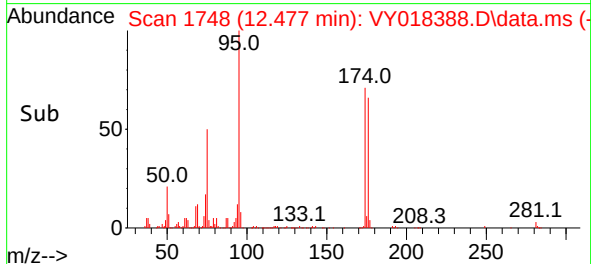
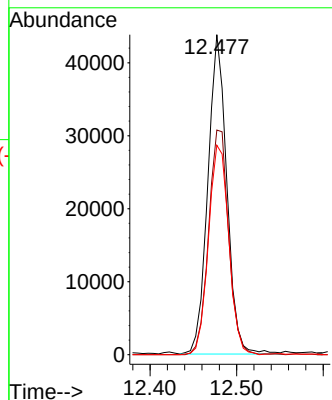
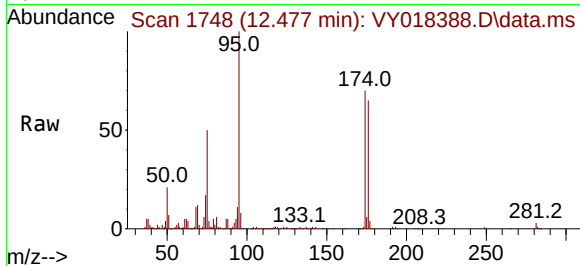




#62
4-Bromofluorobenzene
Concen: 53.168 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

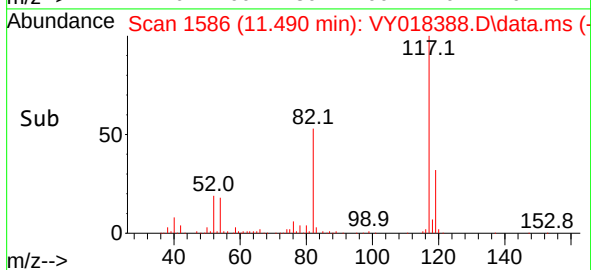
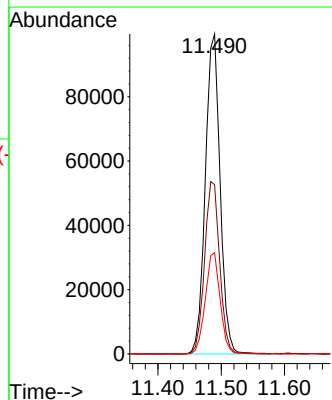
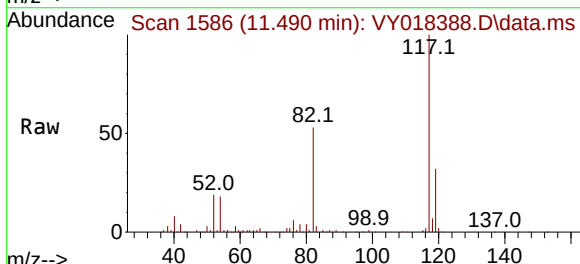
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-052424

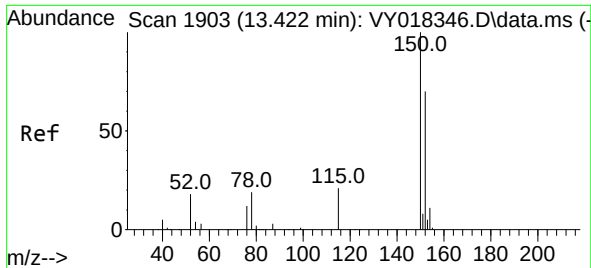
Tgt Ion: 95 Resp: 66597
Ion Ratio Lower Upper
95 100
174 74.4 0.0 175.6
176 70.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

Tgt Ion: 117 Resp: 162204
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018388.D

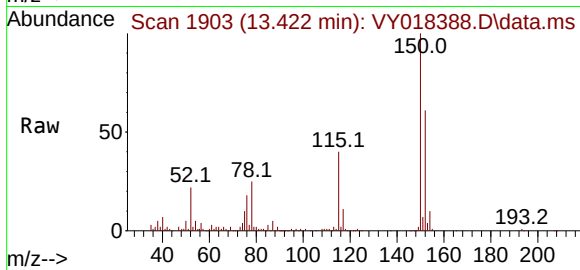
Acq: 28 May 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

AU-06-052424



Tgt Ion:152 Resp: 60419

Ion Ratio Lower Upper

152 100

115 63.1 28.2 84.7

150 162.4 0.0 345.6

