

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013882.D
 Acq On : 25 May 2023 18:44
 Operator : KP/MD
 Sample : 02920-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280608

Quant Time: May 26 04:35:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

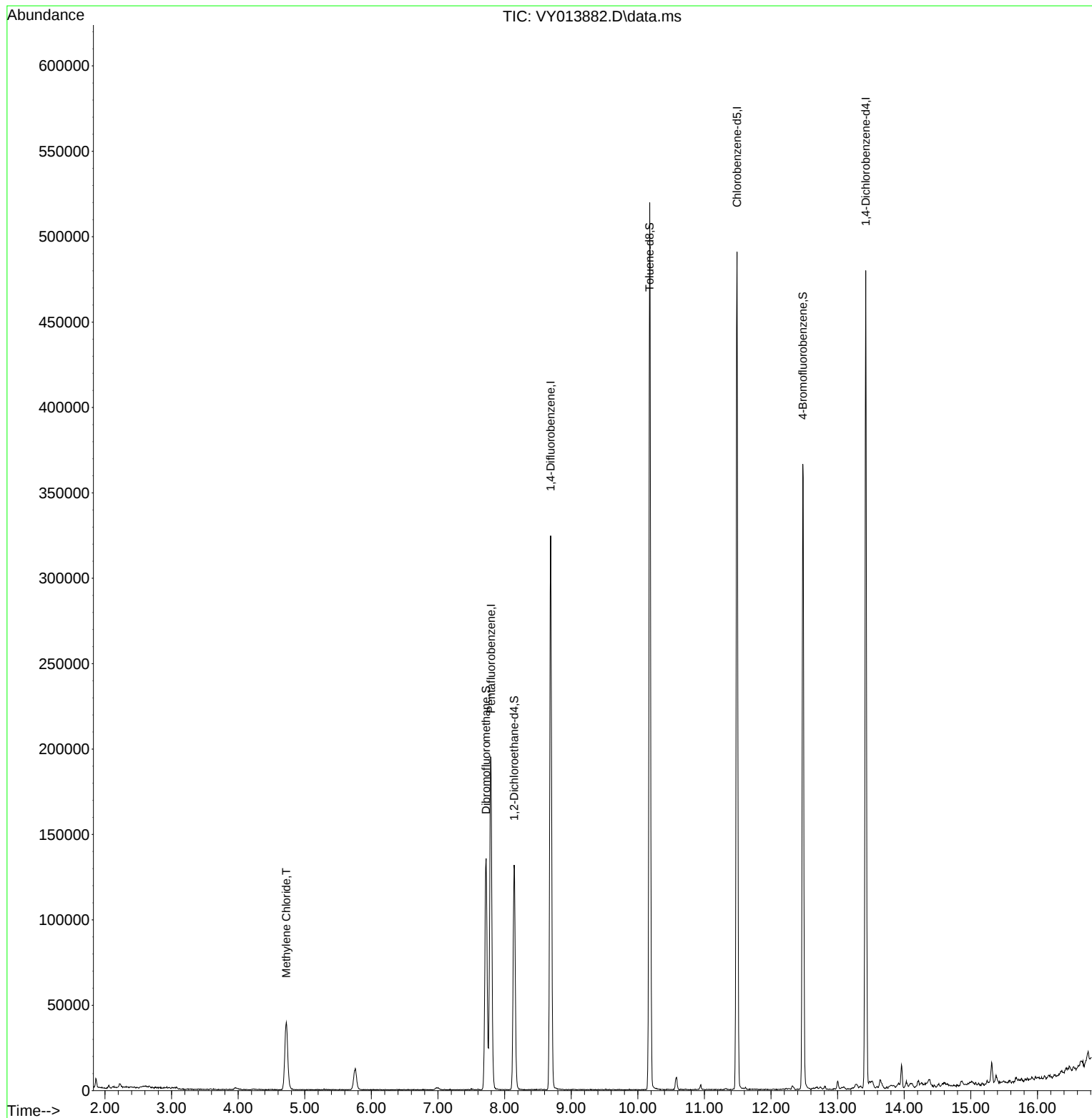
Internal Standards						
1) Pentafluorobenzene	7.795	168	153681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	108987	61.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.600%	
35) Dibromofluoromethane	7.722	113	91010	53.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.460%	
50) Toluene-d8	10.179	98	325488	50.084	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.477	95	102139	47.282	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.560%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	28584	13.419	ug/l	98

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

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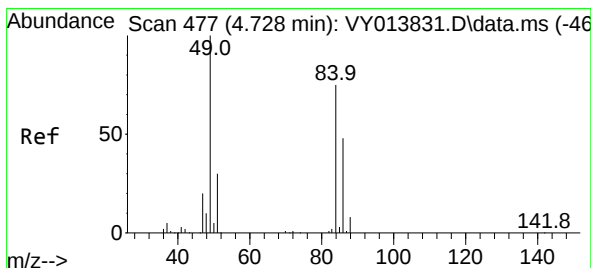
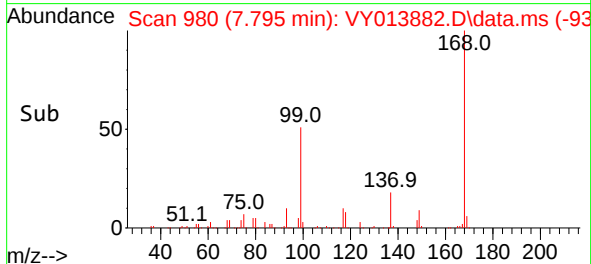
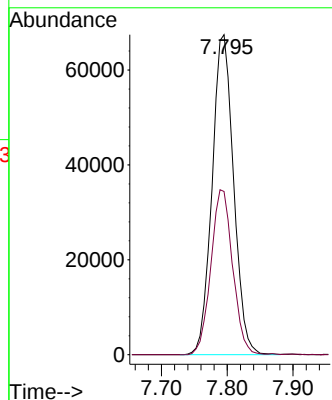
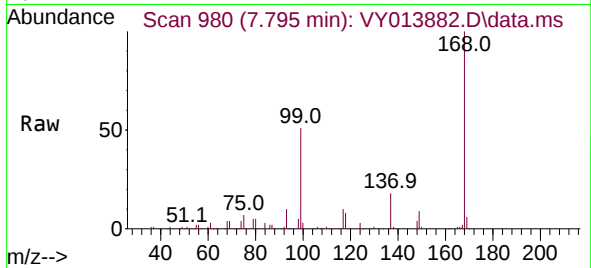




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

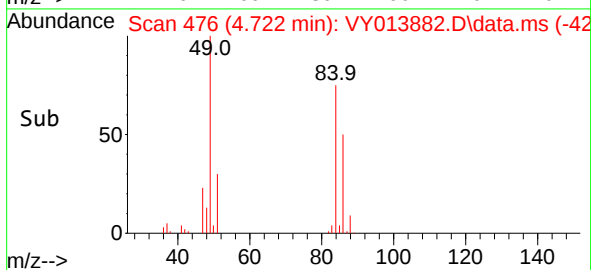
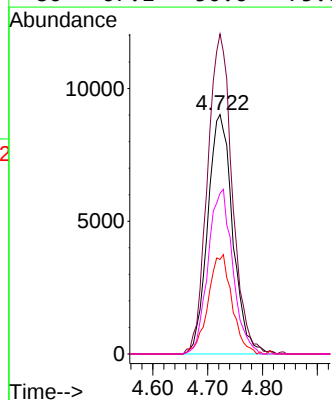
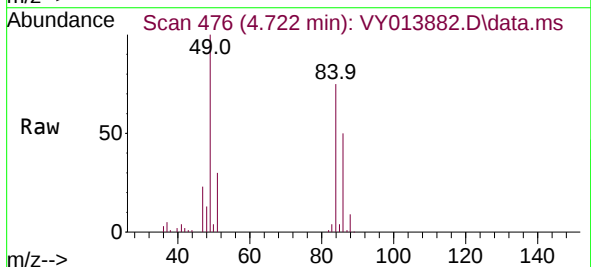
Instrument :
MSVOA_Y
ClientSampleId :
280608

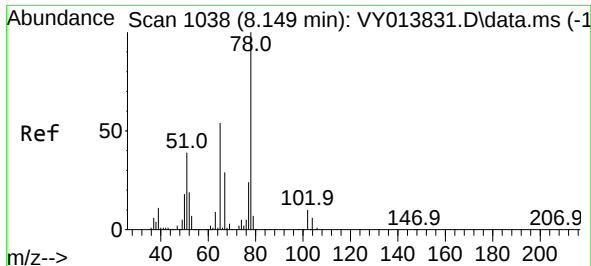
Tgt Ion:168 Resp: 153681
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.2



#20
Methylene Chloride
Concen: 13.419 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Tgt Ion: 84 Resp: 28584
Ion Ratio Lower Upper
84 100
49 133.7 106.2 159.2
51 39.5 31.4 47.0
86 67.1 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 61.300 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013882.D

Acq: 25 May 2023 18:44

Instrument :

MSVOA_Y

ClientSampleId :

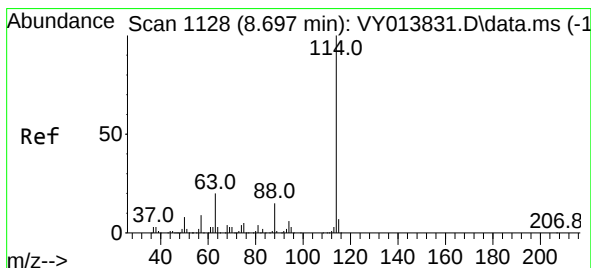
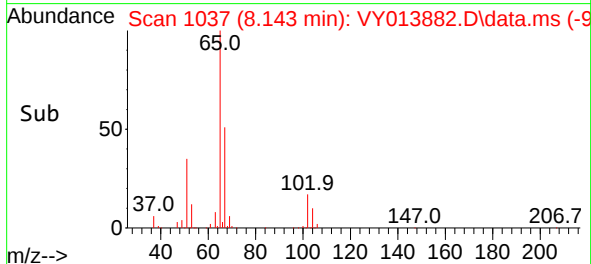
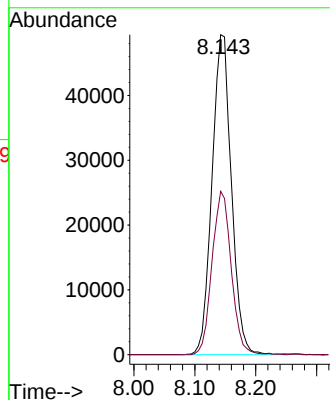
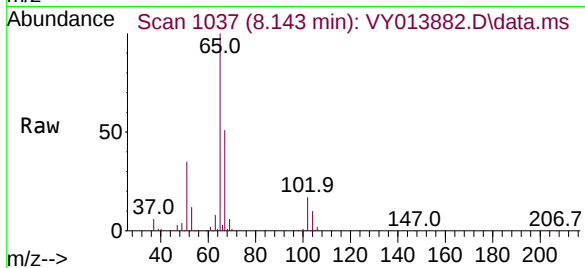
280608

Tgt Ion: 65 Resp: 108987

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013882.D

Acq: 25 May 2023 18:44

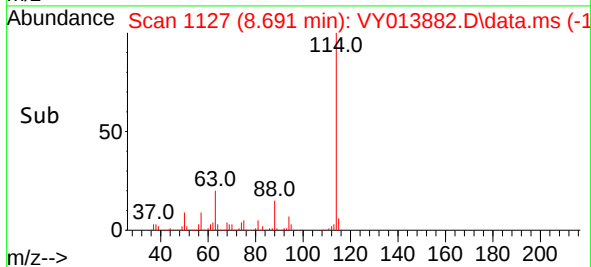
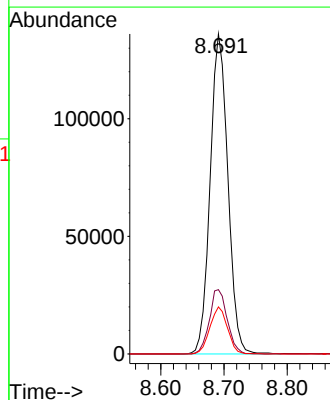
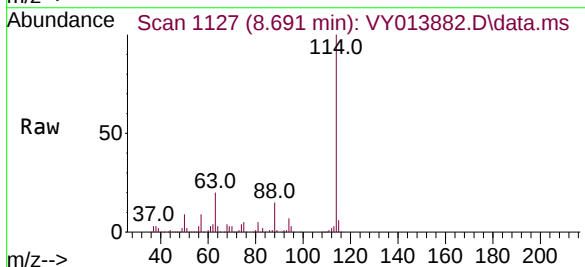
Tgt Ion: 114 Resp: 264770

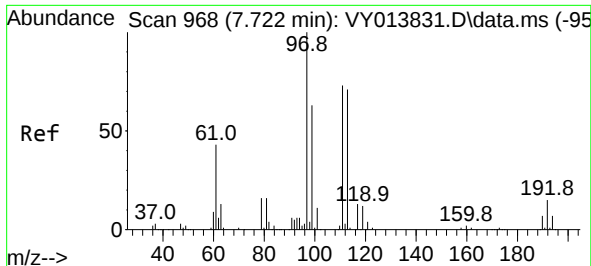
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.7 0.0 30.0

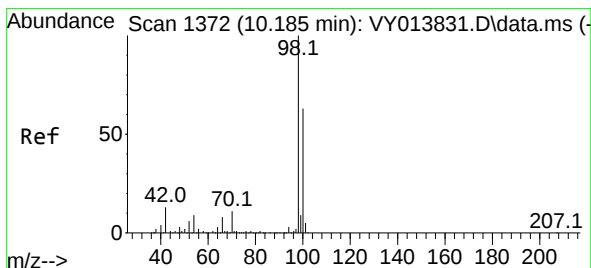
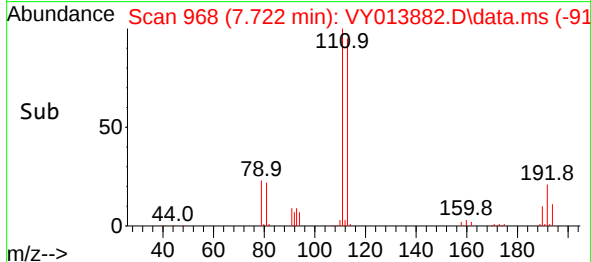
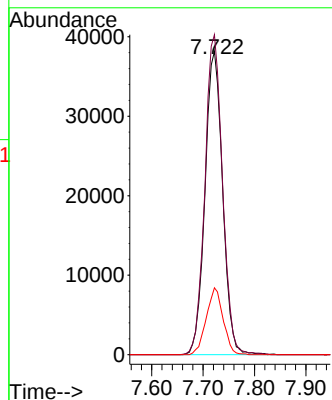
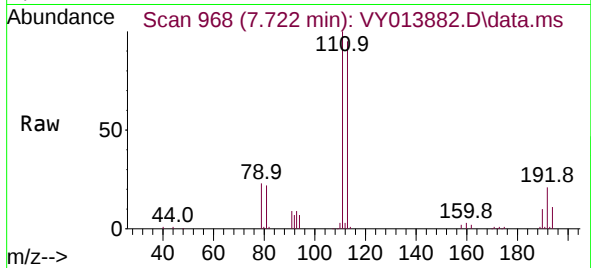




#35
Dibromofluoromethane
Concen: 53.225 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

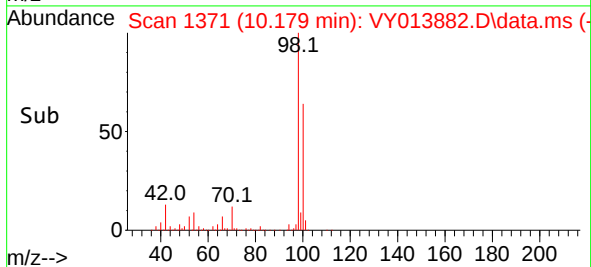
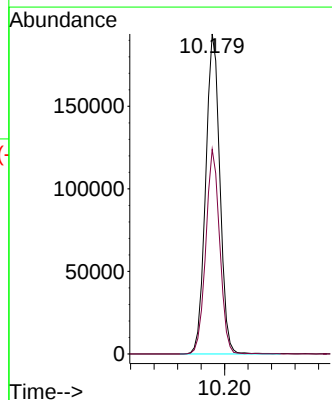
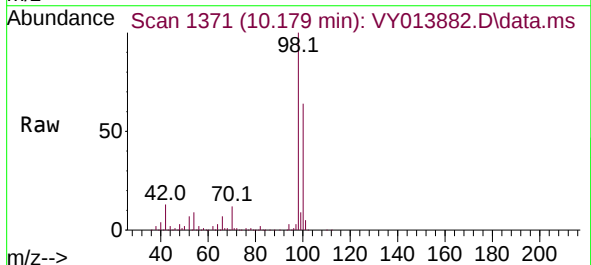
Instrument :
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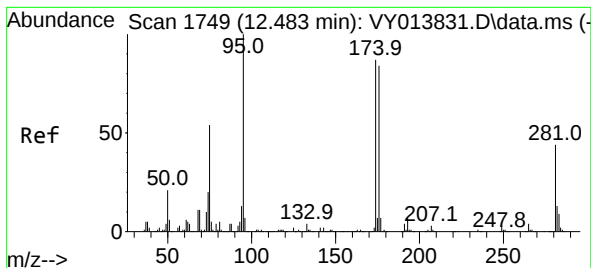
Tgt Ion:113 Resp: 91010
Ion Ratio Lower Upper
113 100
111 105.4 80.4 120.6
192 21.0 16.6 25.0



#50
Toluene-d8
Concen: 50.084 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Tgt Ion: 98 Resp: 325488
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2

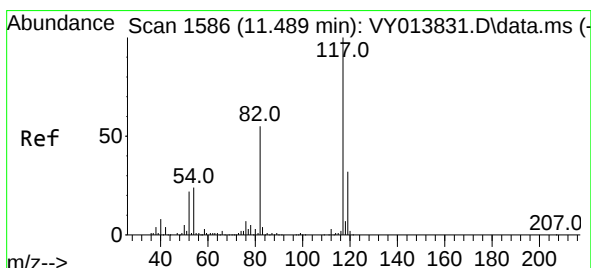
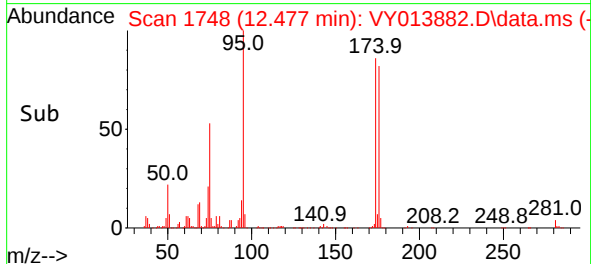
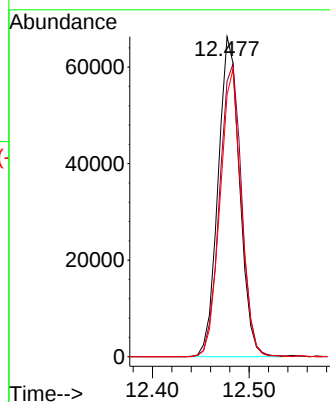
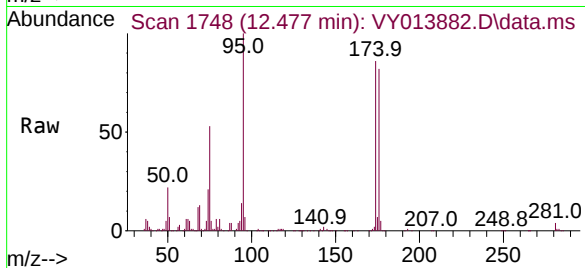




#62
4-Bromofluorobenzene
Concen: 47.282 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

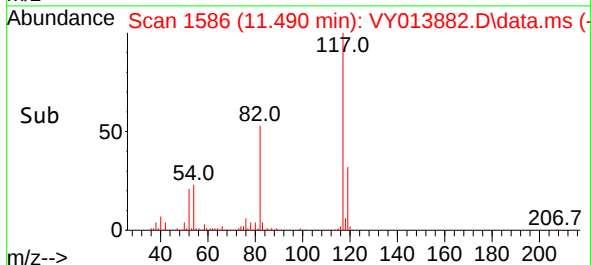
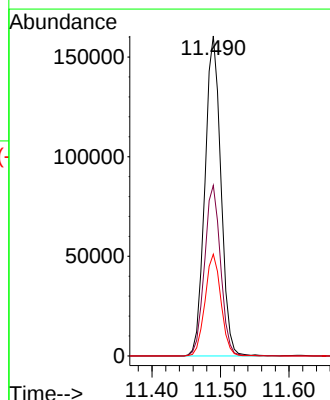
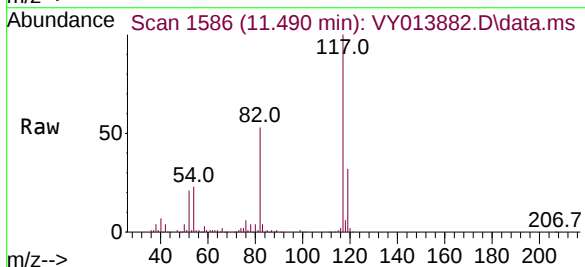
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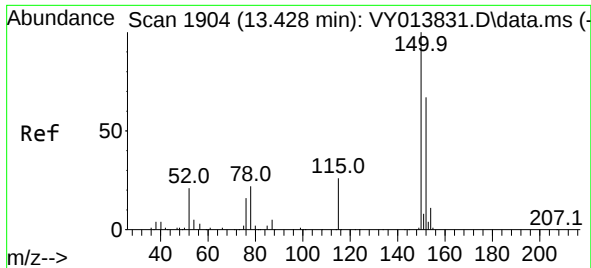
Tgt Ion: 95 Resp: 102139
Ion Ratio Lower Upper
95 100
174 93.9 0.0 176.0
176 88.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Tgt Ion: 117 Resp: 260789
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.4
119 31.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013882.D

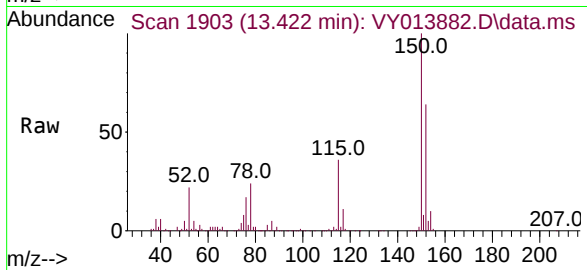
Acq: 25 May 2023 18:44

Instrument :

MSVOA_Y

ClientSampleId :

280608



Tgt Ion:152 Resp: 118433

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 154.8 0.0 353.4

