

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018288.D
 Acq On : 16 May 2024 16:23
 Operator : SY/MD
 Sample : P2500-01
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-112-SB01

Quant Time: May 17 01:16:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

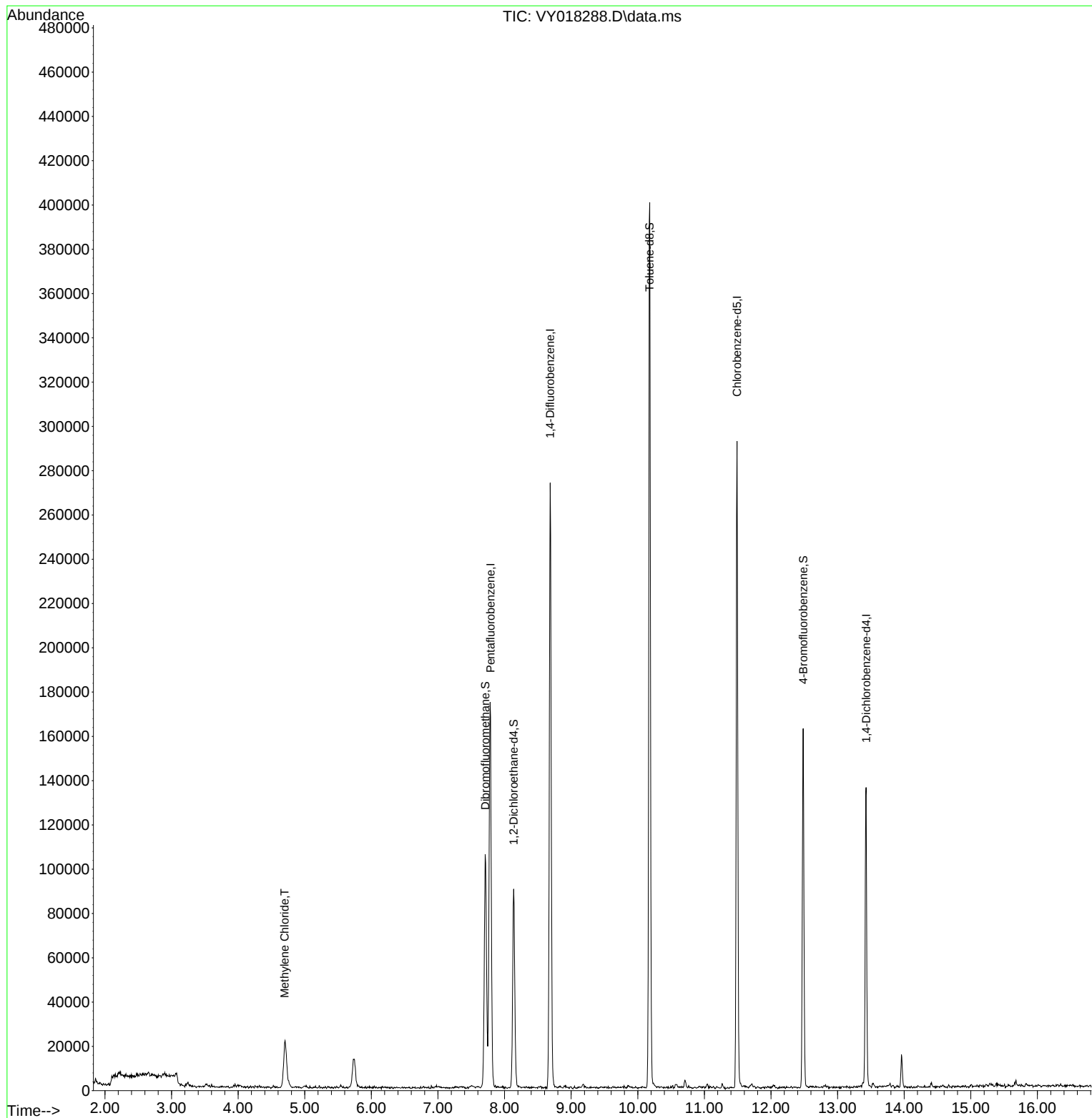
Internal Standards						
1) Pentafluorobenzene	7.789	168	135611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	242639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	161574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	64304	64.456	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 128.920%		
35) Dibromofluoromethane	7.710	113	74819	58.673	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 117.340%		
50) Toluene-d8	10.179	98	268505	53.434	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 106.860%		
62) 4-Bromofluorobenzene	12.483	95	47413	29.217	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 58.440%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	17031	12.103	ug/l	96

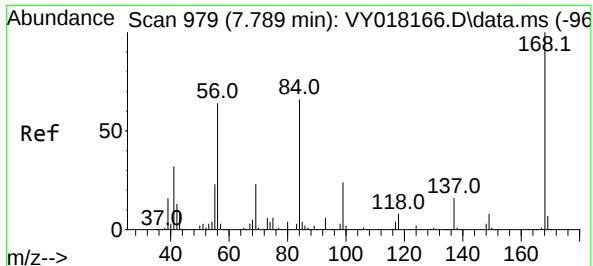
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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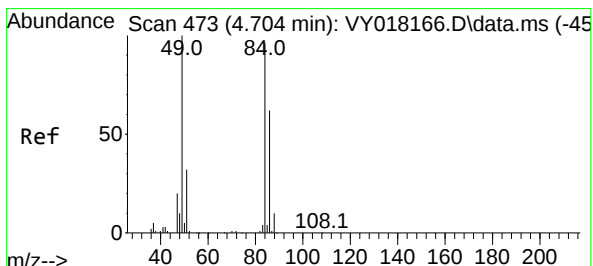
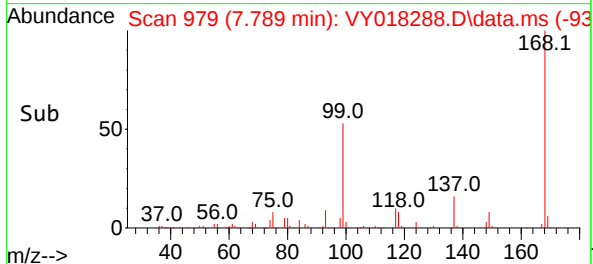
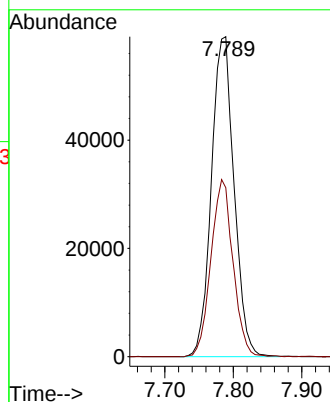
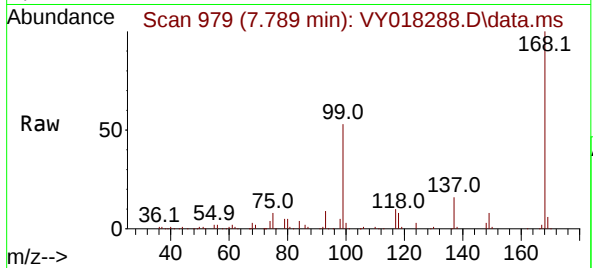




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

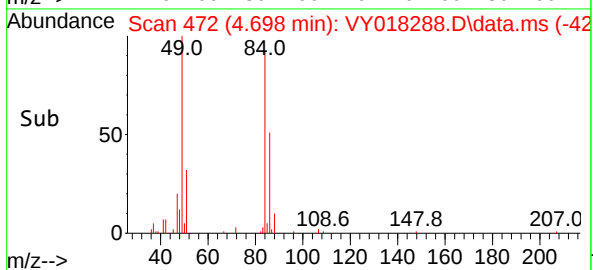
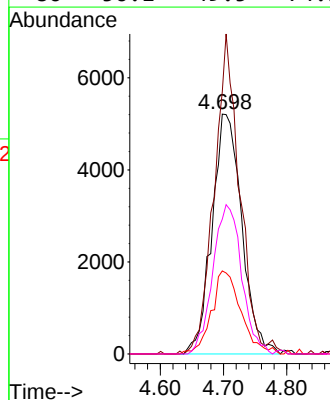
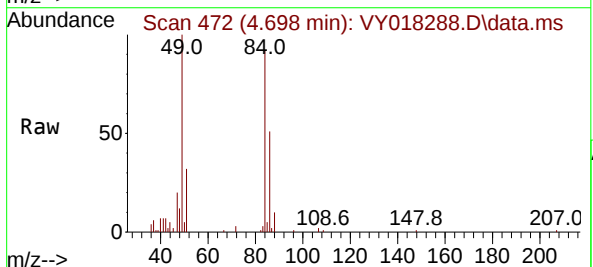
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01

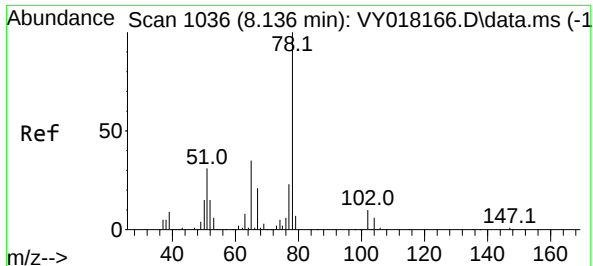
Tgt Ion:168 Resp: 135611
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#20
Methylene Chloride
Concen: 12.103 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Tgt Ion: 84 Resp: 17031
Ion Ratio Lower Upper
84 100
49 108.1 84.4 126.6
51 34.6 26.0 39.0
86 56.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 64.456 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018288.D

Acq: 16 May 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

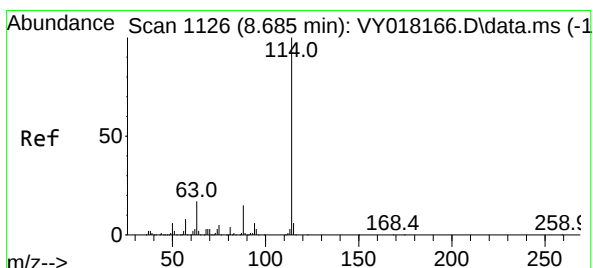
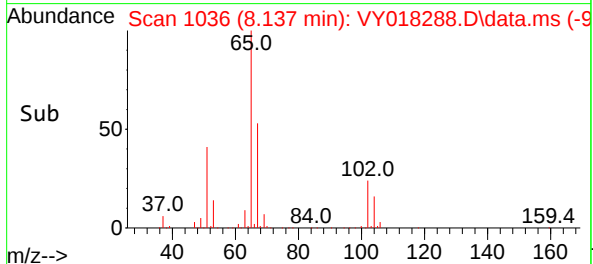
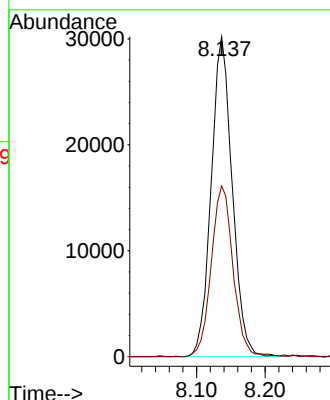
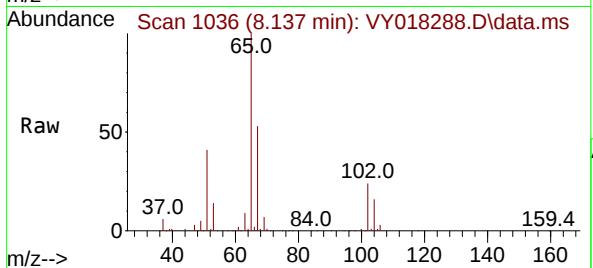
B-112-SB01

Tgt Ion: 65 Resp: 64304

Ion Ratio Lower Upper

65 100

67 55.0 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: VY018288.D

Acq: 16 May 2024 16:23

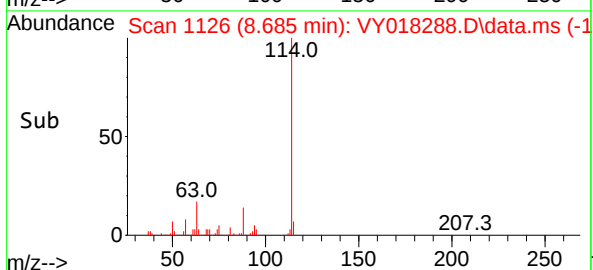
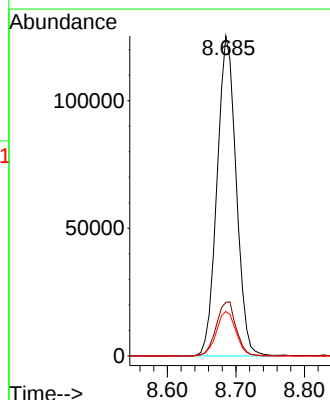
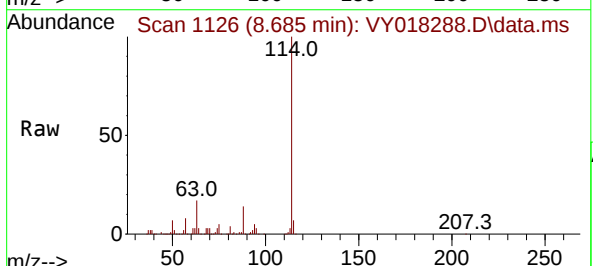
Tgt Ion: 114 Resp: 242639

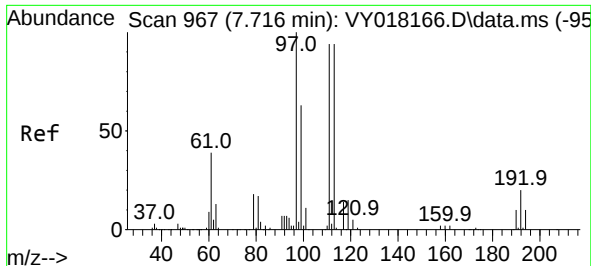
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.9 0.0 27.2

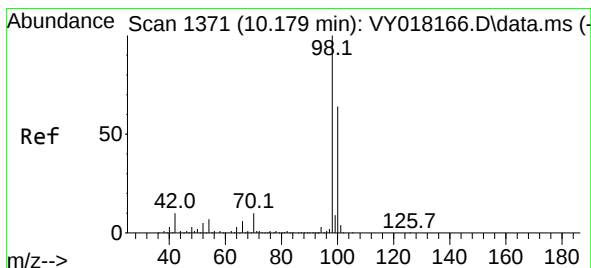
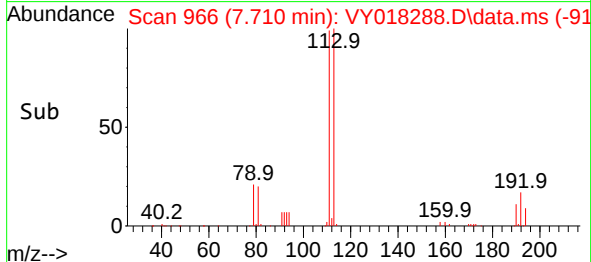
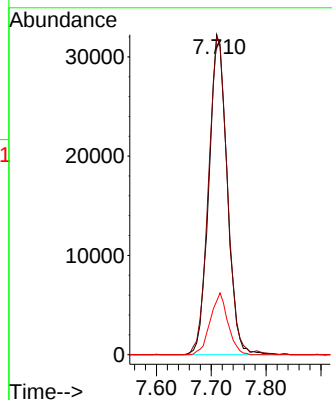
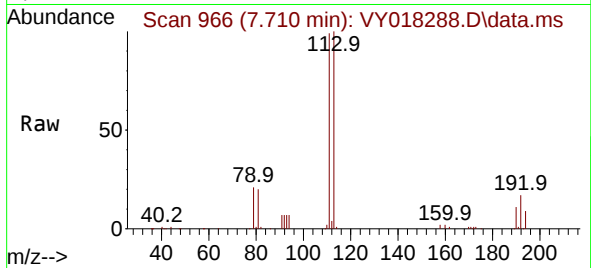




#35
Dibromofluoromethane
Concen: 58.673 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

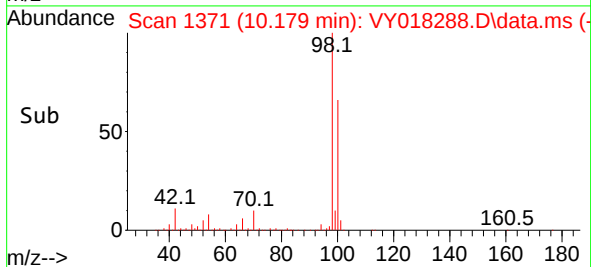
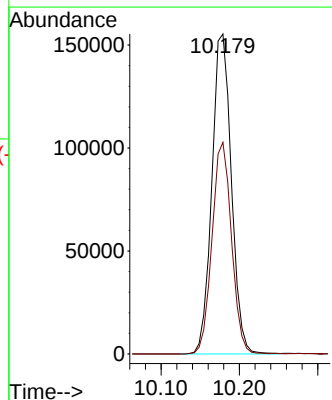
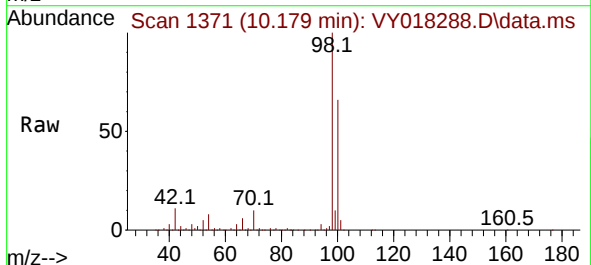
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01

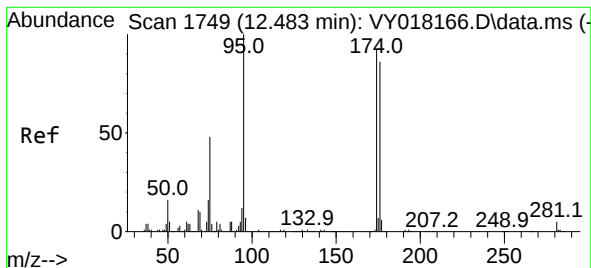
Tgt Ion:113 Resp: 74819
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 18.5 15.9 23.9



#50
Toluene-d8
Concen: 53.434 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Tgt Ion: 98 Resp: 268505
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

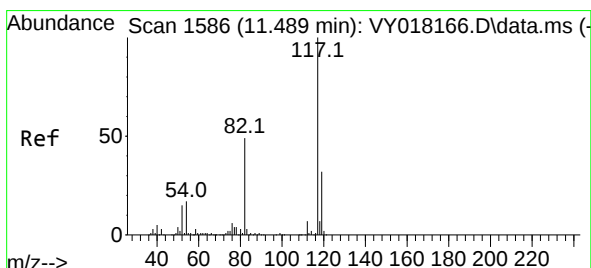
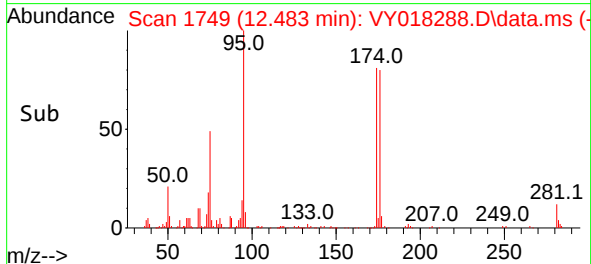
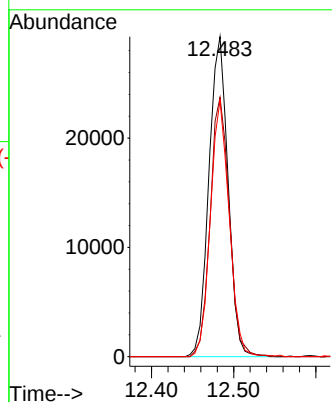
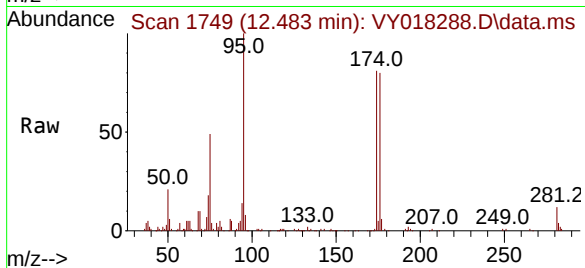




#62
4-Bromofluorobenzene
Concen: 29.217 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

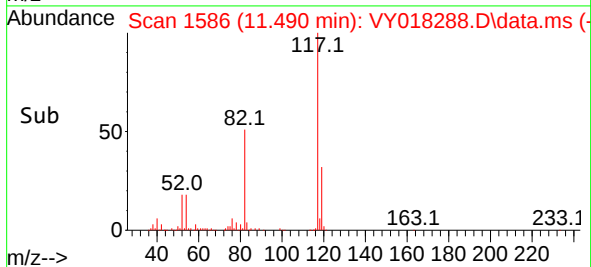
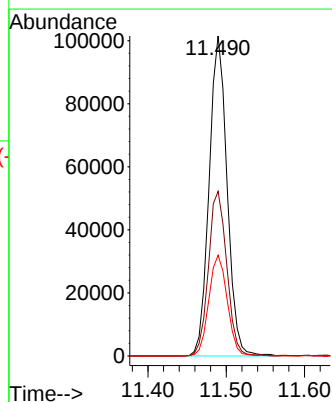
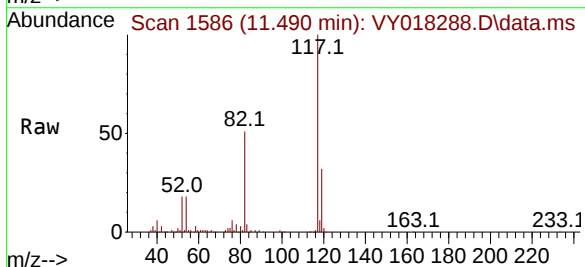
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01

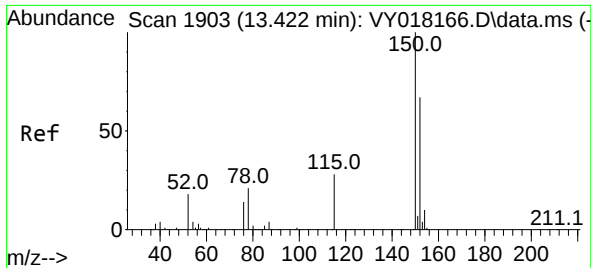
Tgt Ion: 95 Resp: 47413
Ion Ratio Lower Upper
95 100
174 80.8 0.0 175.6
176 78.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Tgt Ion: 117 Resp: 161574
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018288.D

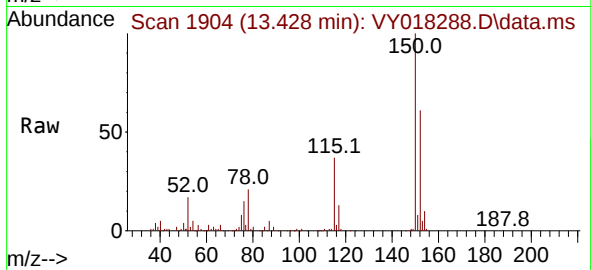
Acq: 16 May 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

B-112-SB01



Tgt Ion:152 Resp: 34229

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 159.8 0.0 345.6

