

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018216.D
 Acq On : 09 May 2024 17:42
 Operator : SY/MD
 Sample : P2432-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-02-011

Quant Time: May 10 01:20:55 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)

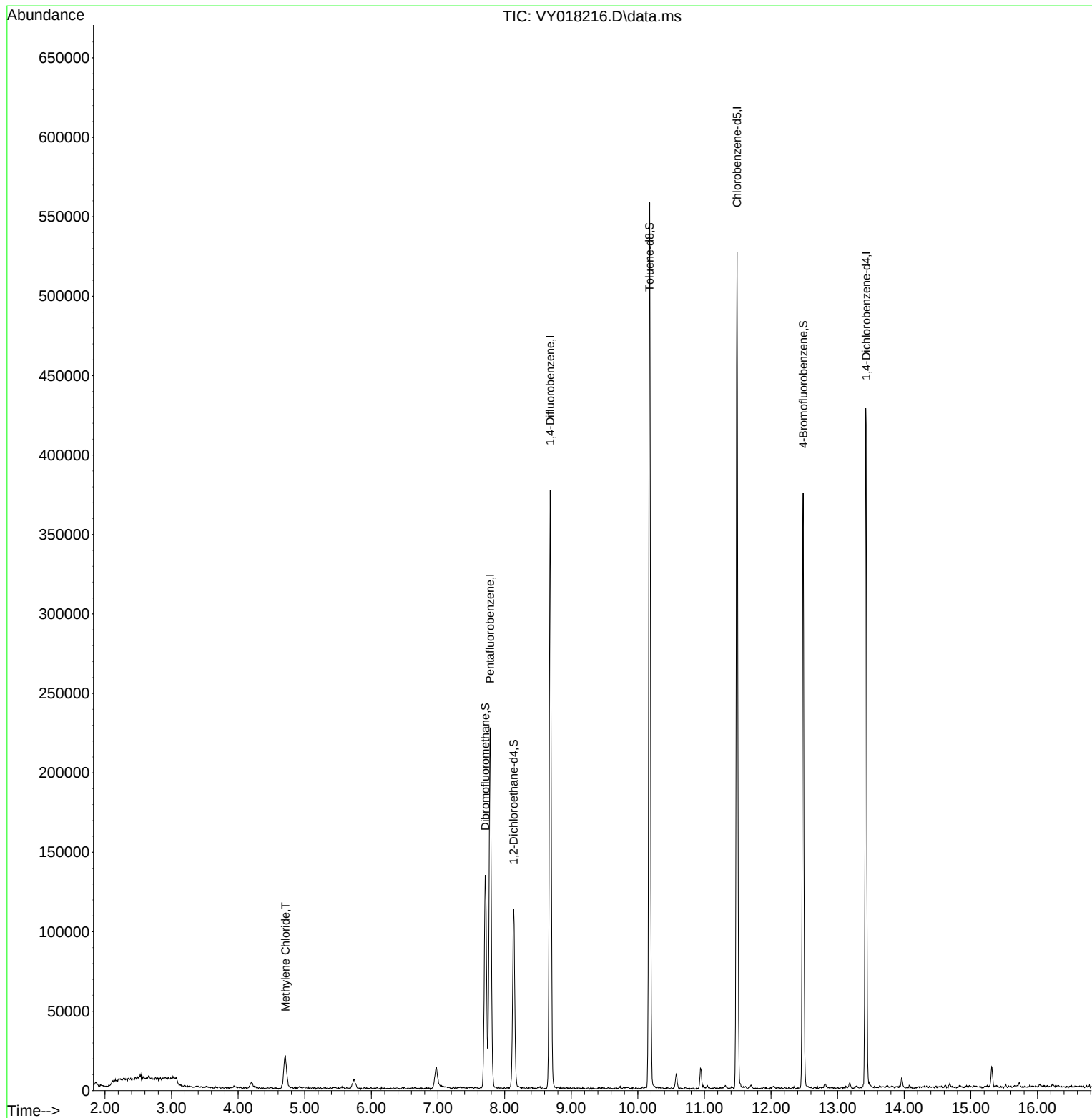
Internal Standards						
1) Pentafluorobenzene	7.783	168	176678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83073	63.914	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.820%			
35) Dibromofluoromethane	7.710	113	96566	54.649	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.300%			
50) Toluene-d8	10.179	98	376398	54.056	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.120%			
62) 4-Bromofluorobenzene	12.483	95	116328	51.731	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.460%			
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	16354	8.920	ug/l	93

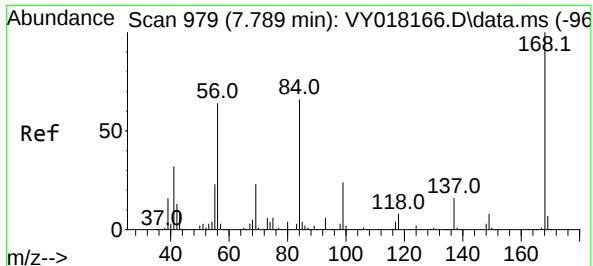
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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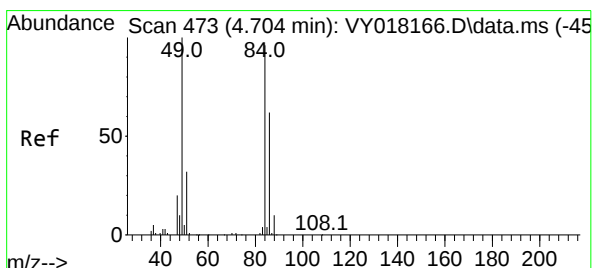
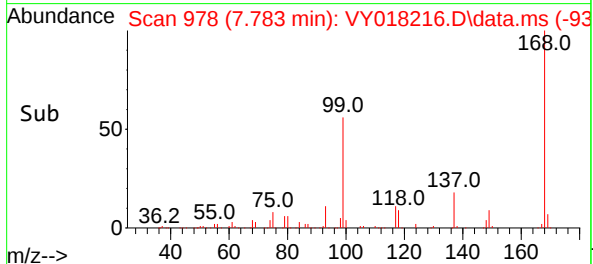
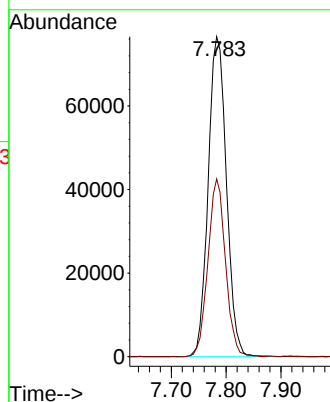
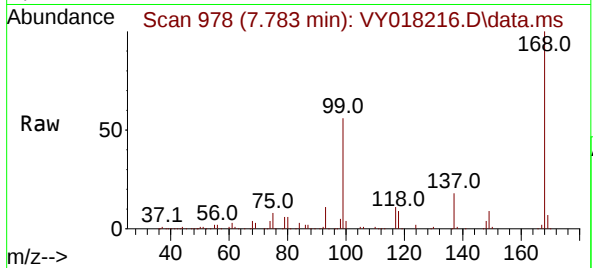




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018216.D
Acq: 09 May 2024 17:42

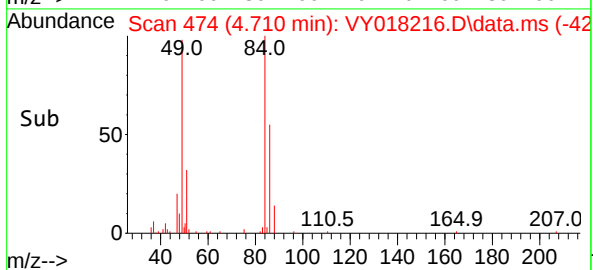
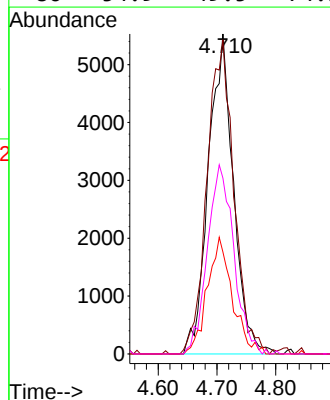
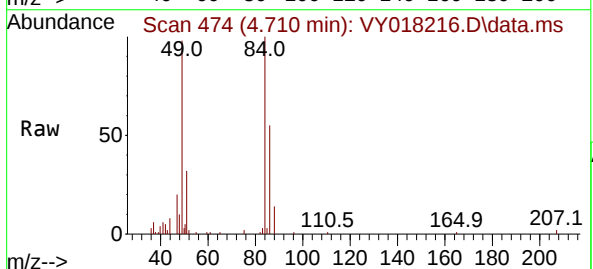
Instrument :
MSVOA_Y
ClientSampleId :
SW-02-011

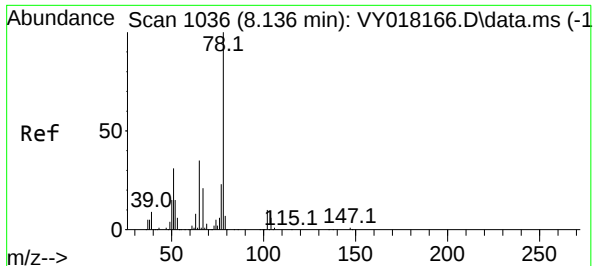
Tgt Ion:168 Resp: 176678
Ion Ratio Lower Upper
168 100
99 55.5 39.1 58.7



#20
Methylene Chloride
Concen: 8.920 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018216.D
Acq: 09 May 2024 17:42

Tgt Ion: 84 Resp: 16354
Ion Ratio Lower Upper
84 100
49 98.2 84.4 126.6
51 31.9 26.0 39.0
86 54.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 63.914 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018216.D

Acq: 09 May 2024 17:42

Instrument :

MSVOA_Y

ClientSampleId :

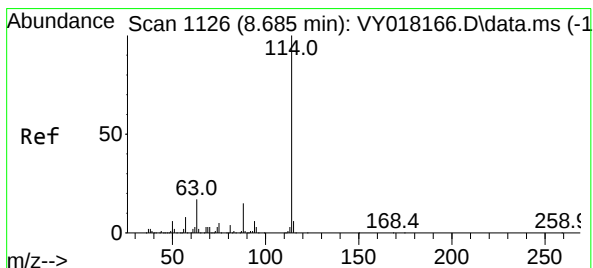
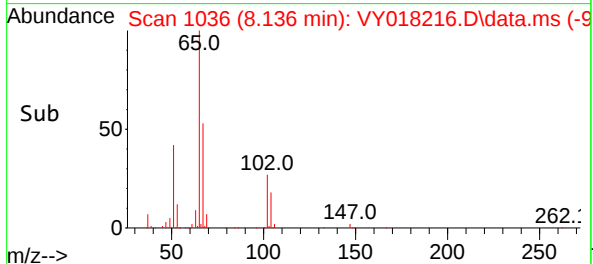
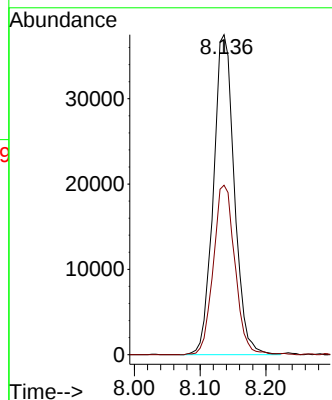
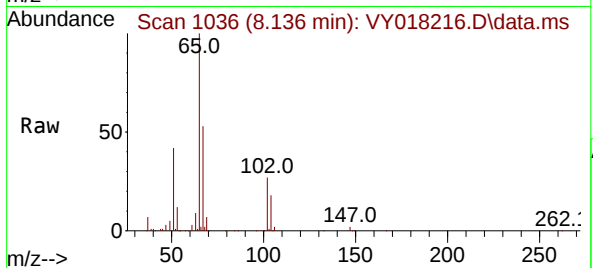
SW-02-011

Tgt Ion: 65 Resp: 83073

Ion Ratio Lower Upper

65 100

67 54.6 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: VY018216.D

Acq: 09 May 2024 17:42

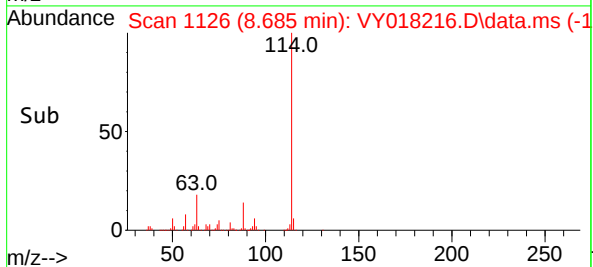
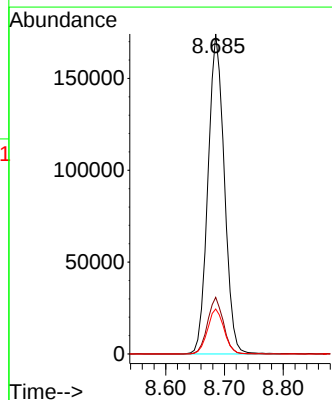
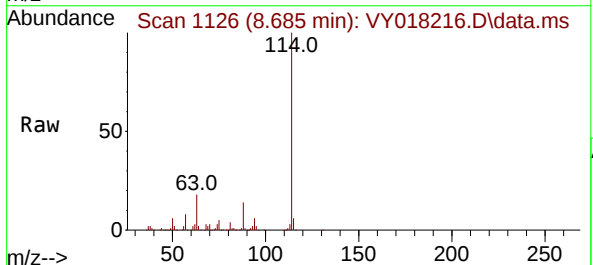
Tgt Ion: 114 Resp: 336225

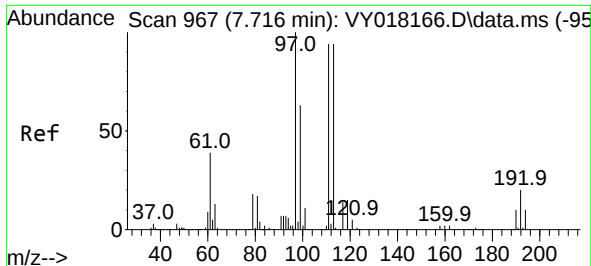
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.1 0.0 27.2

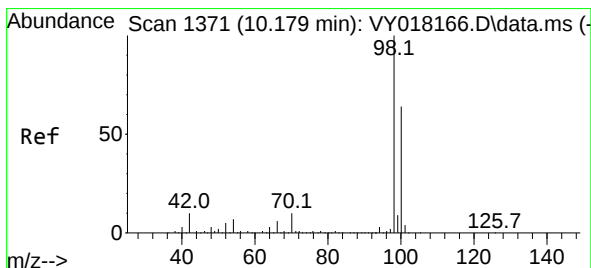
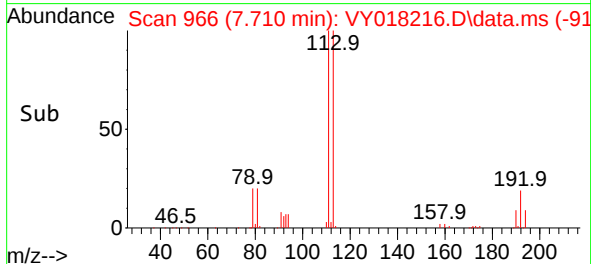
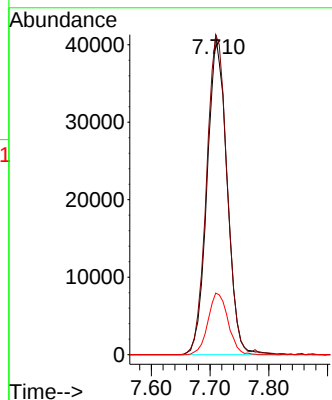
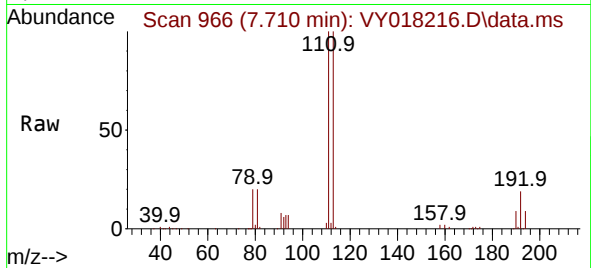




#35
Dibromofluoromethane
Concen: 54.649 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY018216.D
Acq: 09 May 2024 17:42

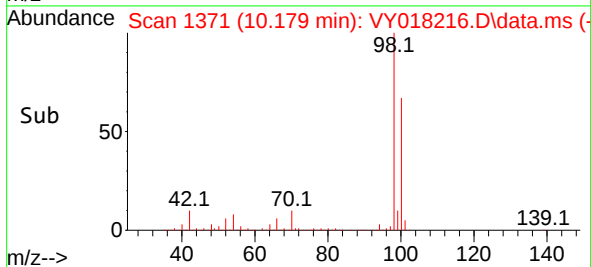
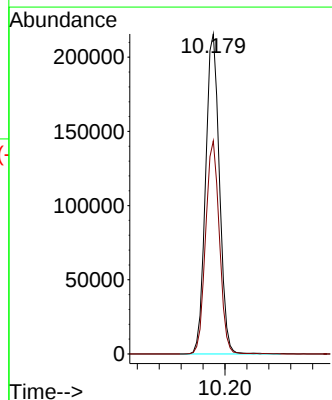
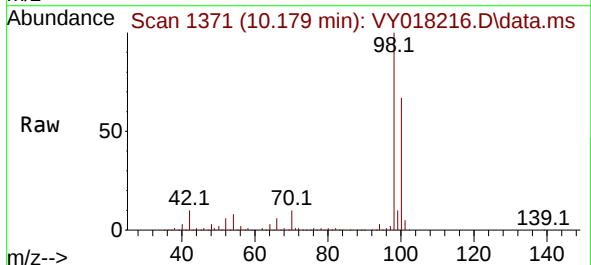
Instrument :
MSVOA_Y
ClientSampleId :
SW-02-011

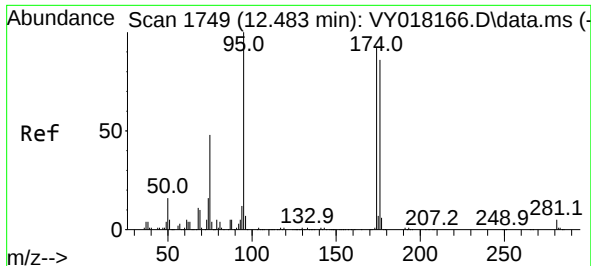
Tgt Ion:113 Resp: 96566
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 54.056 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018216.D
Acq: 09 May 2024 17:42

Tgt Ion: 98 Resp: 376398
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 51.731 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018216.D

Acq: 09 May 2024 17:42

Instrument :

MSVOA_Y

ClientSampleId :

SW-02-011

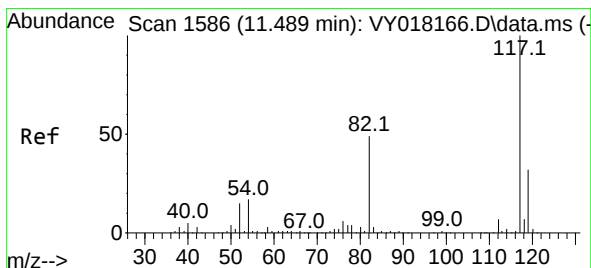
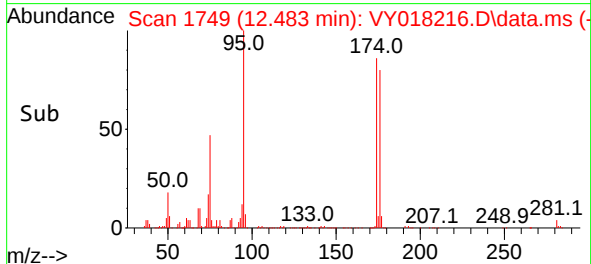
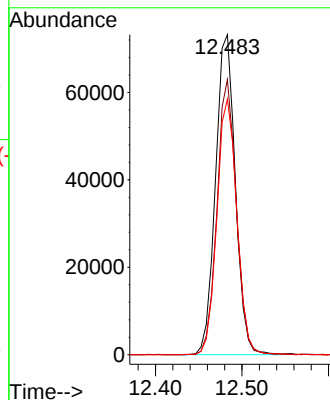
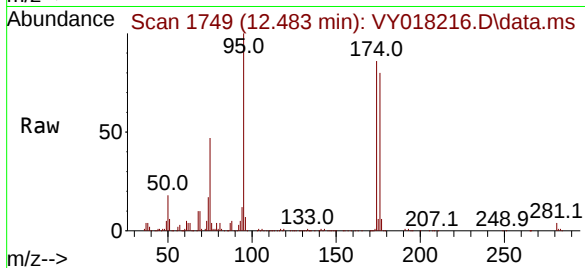
Tgt Ion: 95 Resp: 116328

Ion Ratio Lower Upper

95 100

174 83.8 0.0 175.6

176 80.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY018216.D

Acq: 09 May 2024 17:42

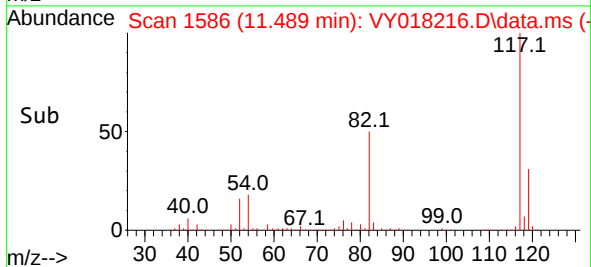
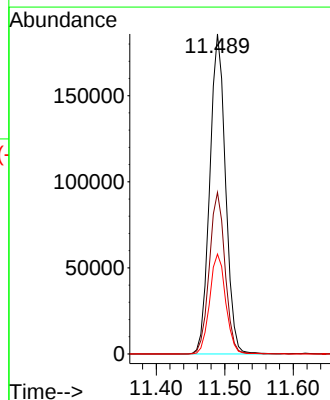
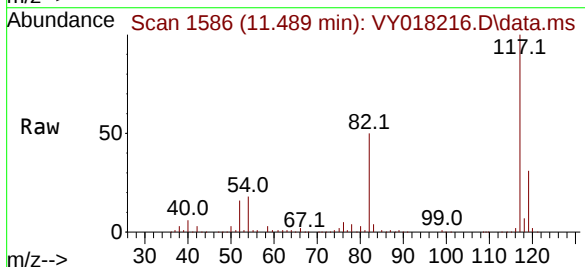
Tgt Ion: 117 Resp: 297171

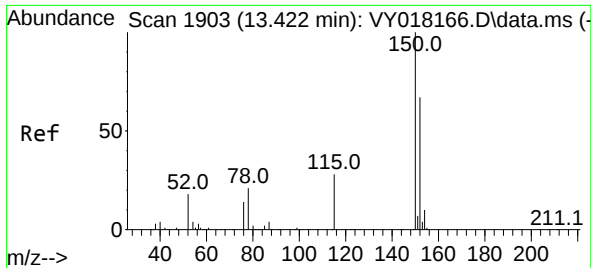
Ion Ratio Lower Upper

117 100

82 50.5 42.4 63.6

119 31.2 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: VY018216.D

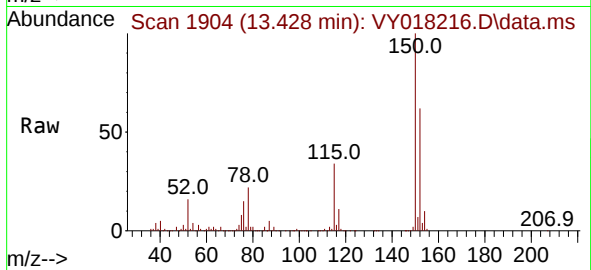
Acq: 09 May 2024 17:42

Instrument :

MSVOA_Y

ClientSampleId :

SW-02-011



Tgt Ion:152 Resp: 114919

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 159.2 0.0 345.6

