

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060607.D
 Acq On : 6 Nov 2018 11:01
 Operator : VA/AP
 Sample : J5803-04
 Misc : 5.02/5mL/MSVOA-F/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SODUS-TS-002

Quant Time: Nov 06 10:42:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	178209	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	333949	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	296589	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	160981	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	108471	60.24	ug/l	0.01
Spiked Amount			Recovery	=	120.48%	
35) Dibromofluoromethane	4.13	113	124824	48.38	ug/l	0.02
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	7.57	98	328745	43.01	ug/l	0.00
Spiked Amount			Recovery	=	86.02%	
62) 4-Bromofluorobenzene	11.42	95	163294	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	

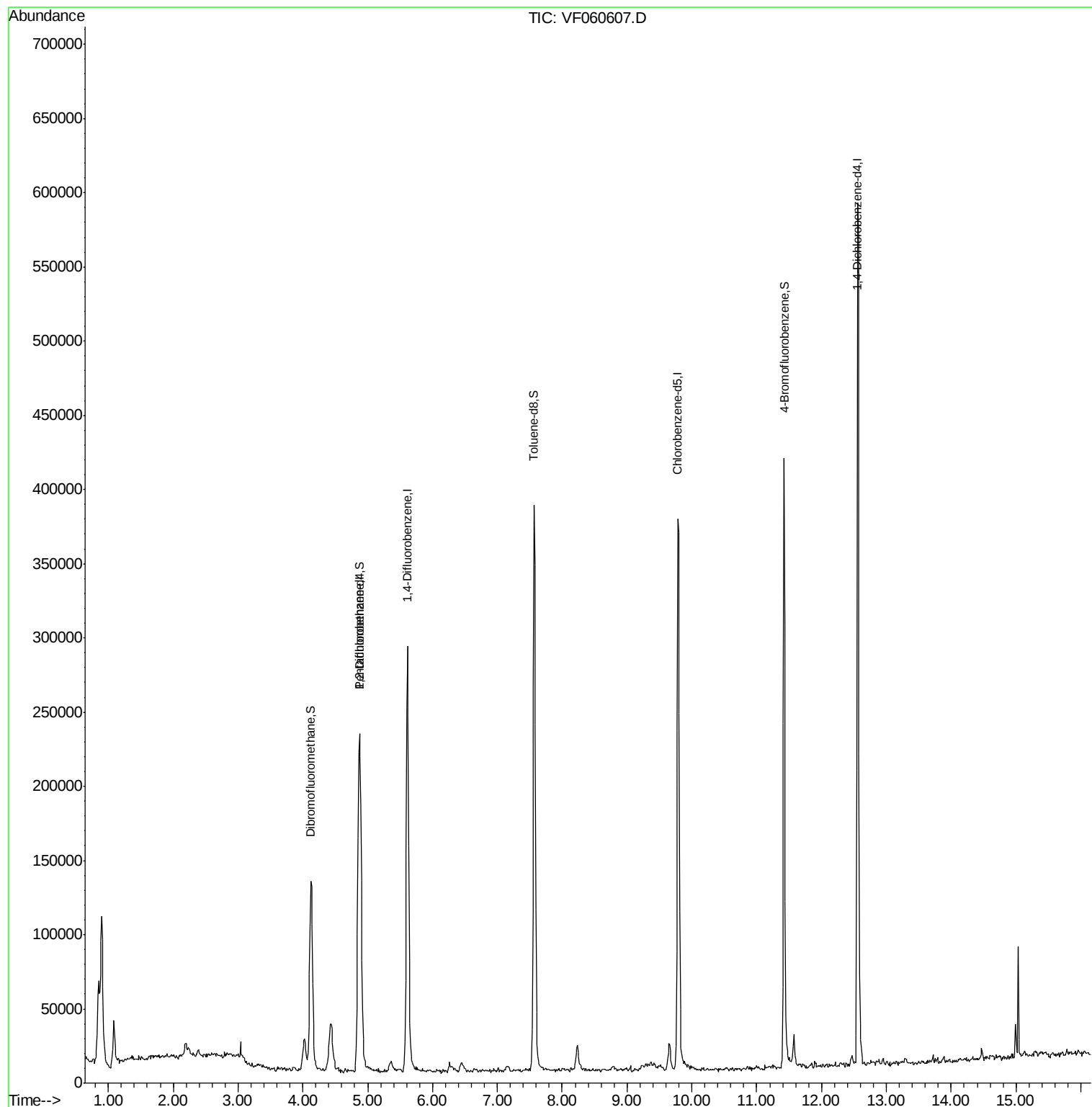
Target Compounds	Qvalue
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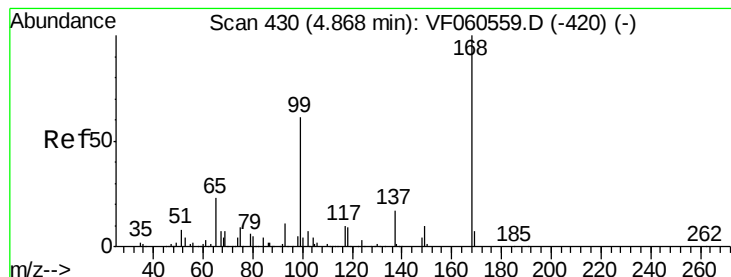
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060607.D

Acq: 6 Nov 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

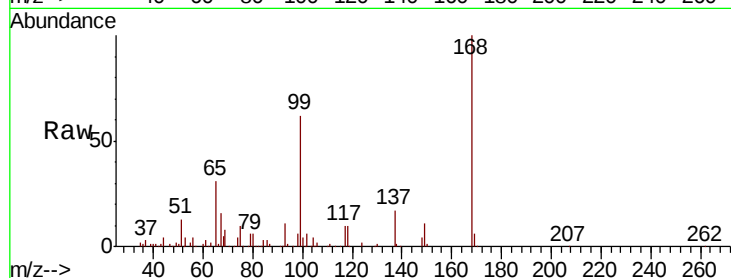
SODUS-TS-002

Tot Ion:168 Resp: 178209

Ion Ratio Lower Upper

168 100

99 61.9 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

60000

50000

40000

30000

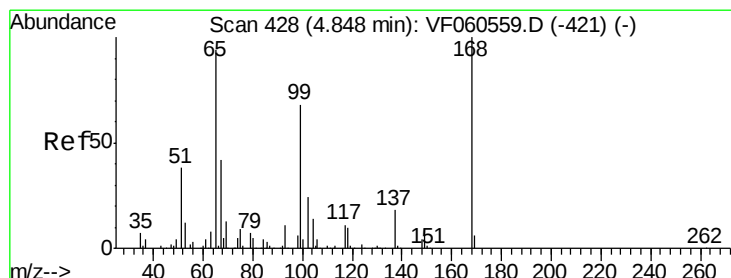
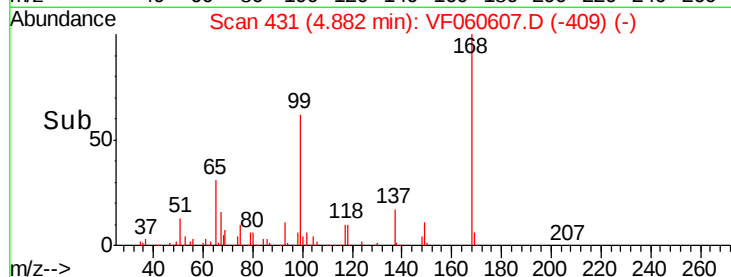
20000

10000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.243 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.01 min

Lab File: VF060607.D

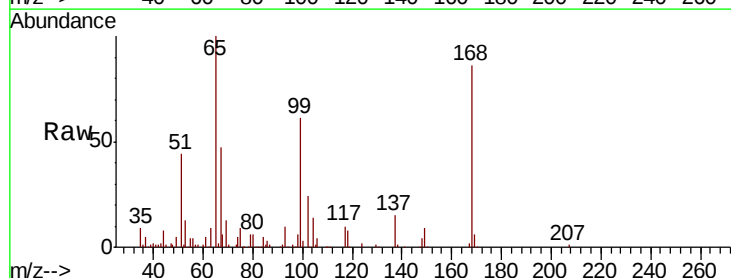
Acq: 6 Nov 2018 11:01

Tgt Ion: 65 Resp: 108471

Ion Ratio Lower Upper

65 100

67 46.7 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

40000

30000

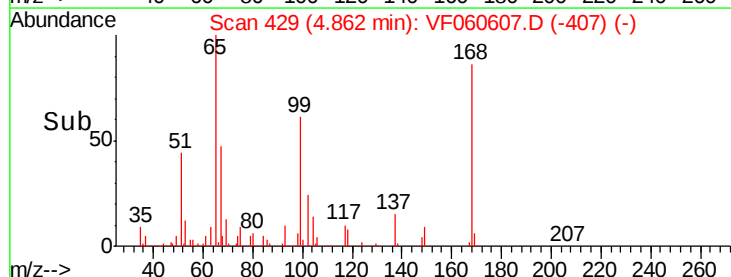
20000

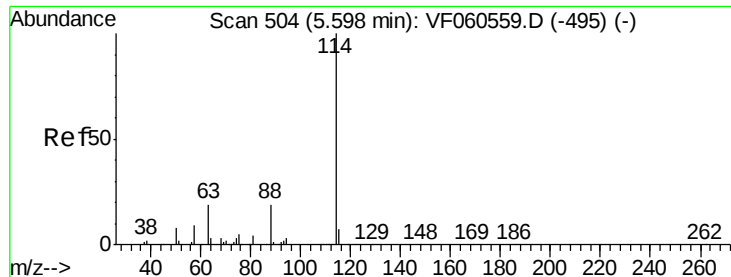
10000

0

4.70 4.80 4.90 5.00 5.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF060607.D

Acq: 6 Nov 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

SODUS-TS-002

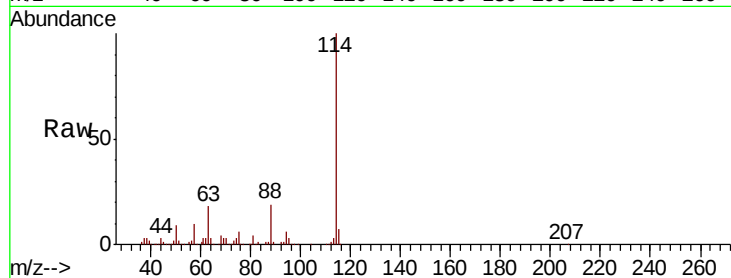
Tot Ion:114 Resp: 333949

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.0

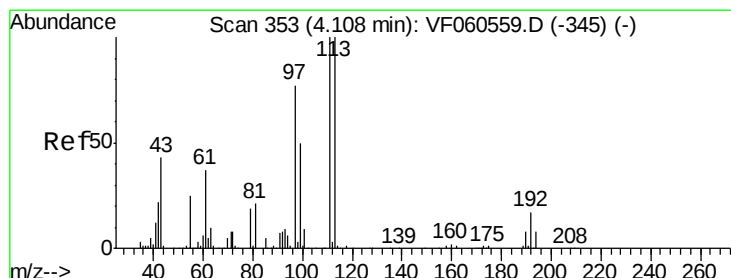
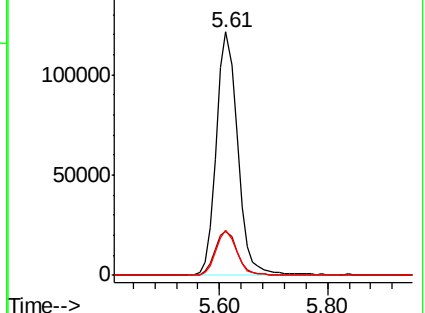
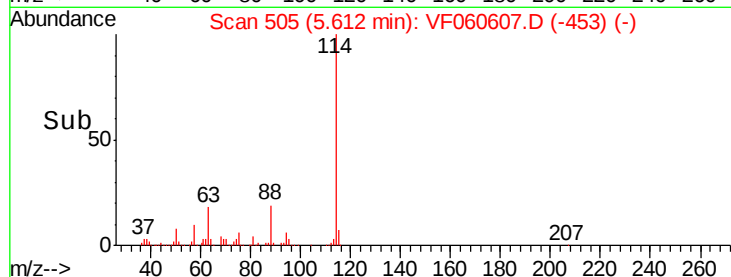
88 18.7 0.0 38.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 48.380 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.02 min

Lab File: VF060607.D

Acq: 6 Nov 2018 11:01

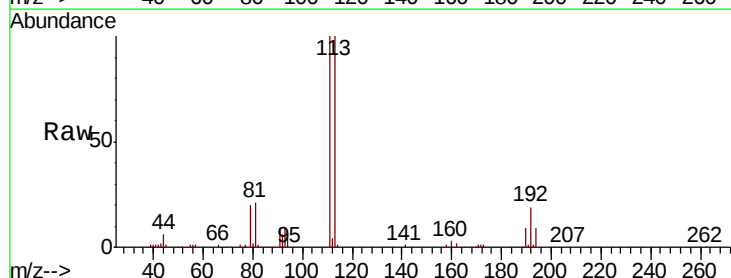
Tgt Ion:113 Resp: 124824

Ion Ratio Lower Upper

113 100

111 100.1 79.9 119.9

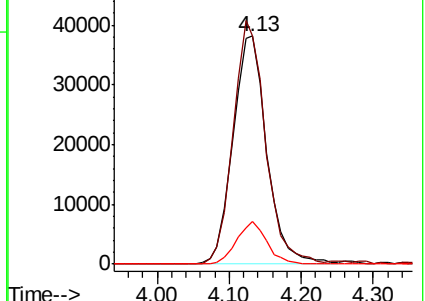
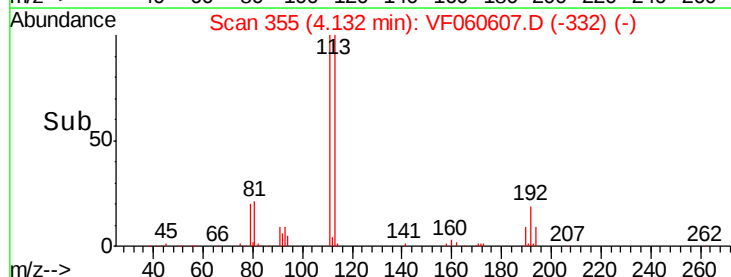
192 18.8 13.3 19.9



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

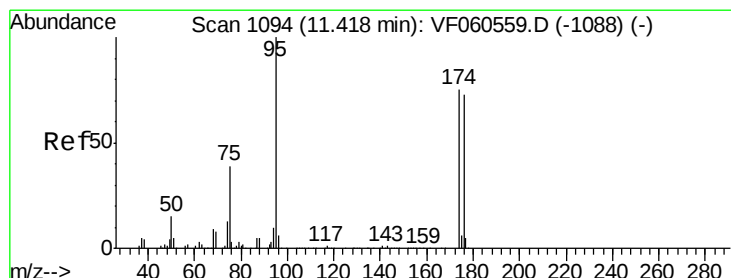
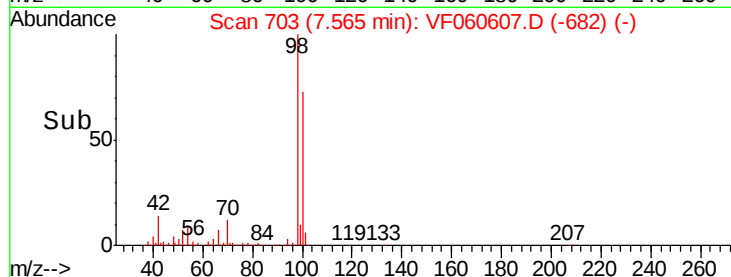
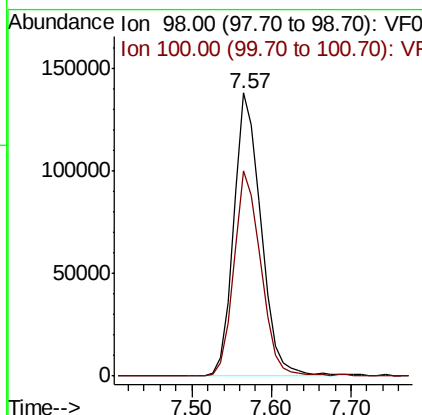
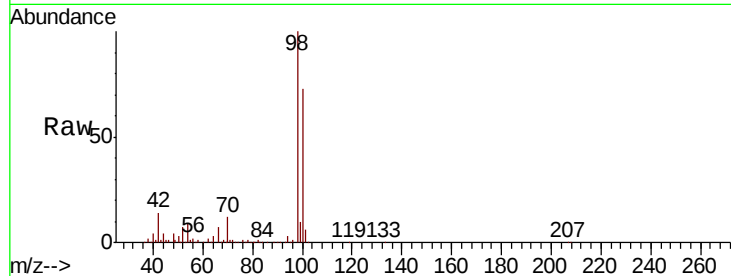




#50
Toluene-d8
Concen: 43.013 ug/l
RT: 7.57 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

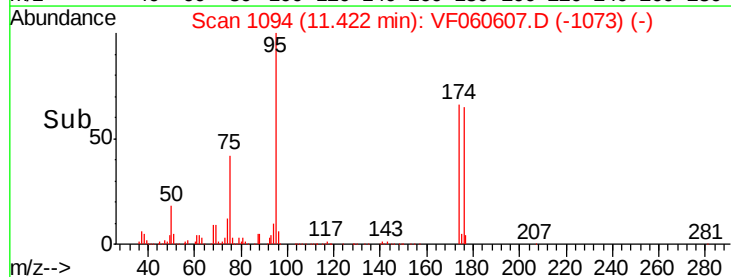
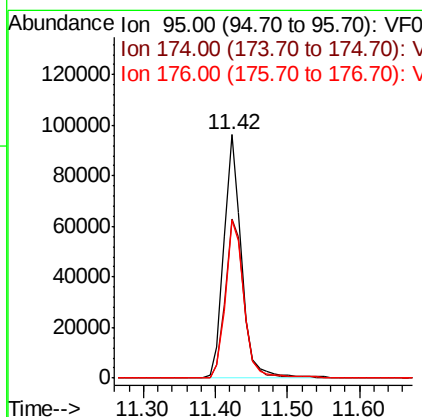
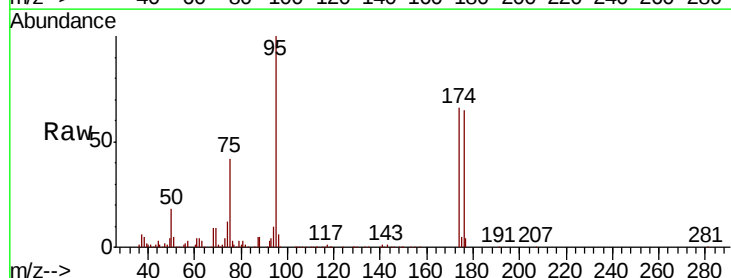
Instrument :
MSVOA_F
ClientSampleId :
SODUS-TS-002

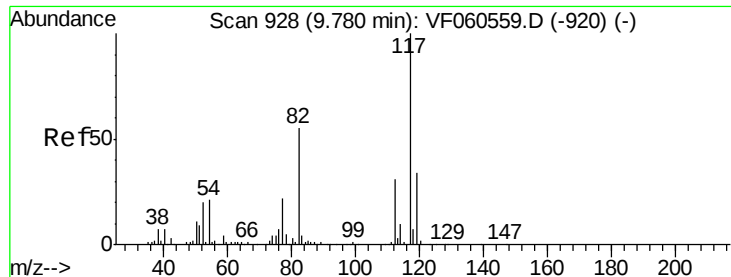
Tot Ion: 98 Resp: 328745
Ion Ratio Lower Upper
98 100
100 72.7 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 48.844 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion: 95 Resp: 163294
Ion Ratio Lower Upper
95 100
174 65.6 0.0 149.0
176 64.6 0.0 145.6

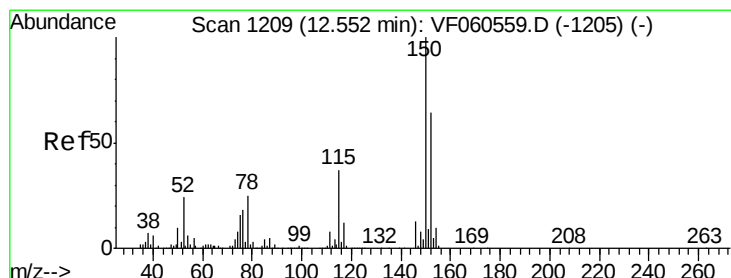
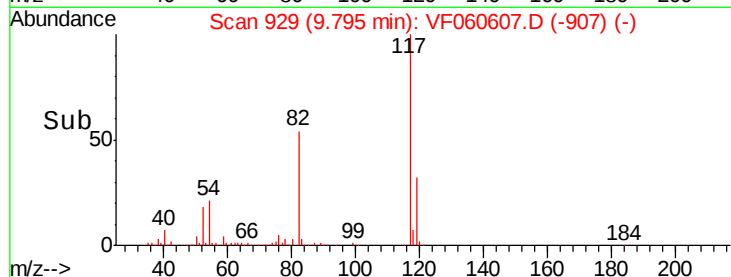
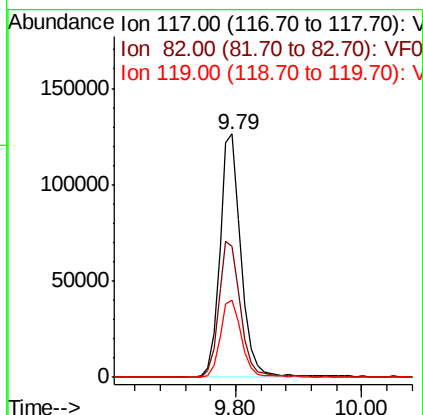
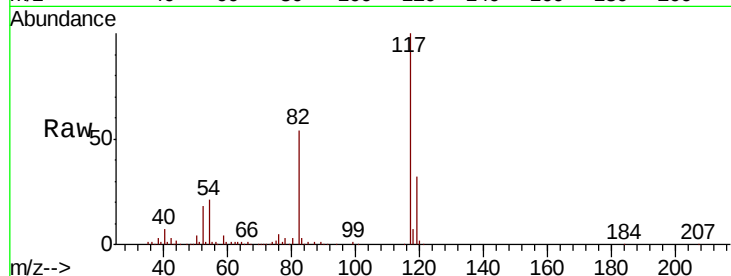




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :
SODUS-TS-002

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.9	65.9
119	31.6	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	29.6	88.8
150	153.5	0.0	315.6

