

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060606.D
 Acq On : 6 Nov 2018 10:32
 Operator : VA/AP
 Sample : J5803-03
 Misc : 5.00/5mL/MSVOA-F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SODUS-TS-001

Quant Time: Nov 06 10:39:25 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	313461	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	541218	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	494416	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	284515	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	180369	56.95	ug/l	0.00
Spiked Amount			Recovery	=	113.90%	
35) Dibromofluoromethane	4.12	113	217056	51.91	ug/l	0.01
Spiked Amount			Recovery	=	103.82%	
50) Toluene-d8	7.56	98	547368	44.19	ug/l	0.00
Spiked Amount			Recovery	=	88.38%	
62) 4-Bromofluorobenzene	11.42	95	263846	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	

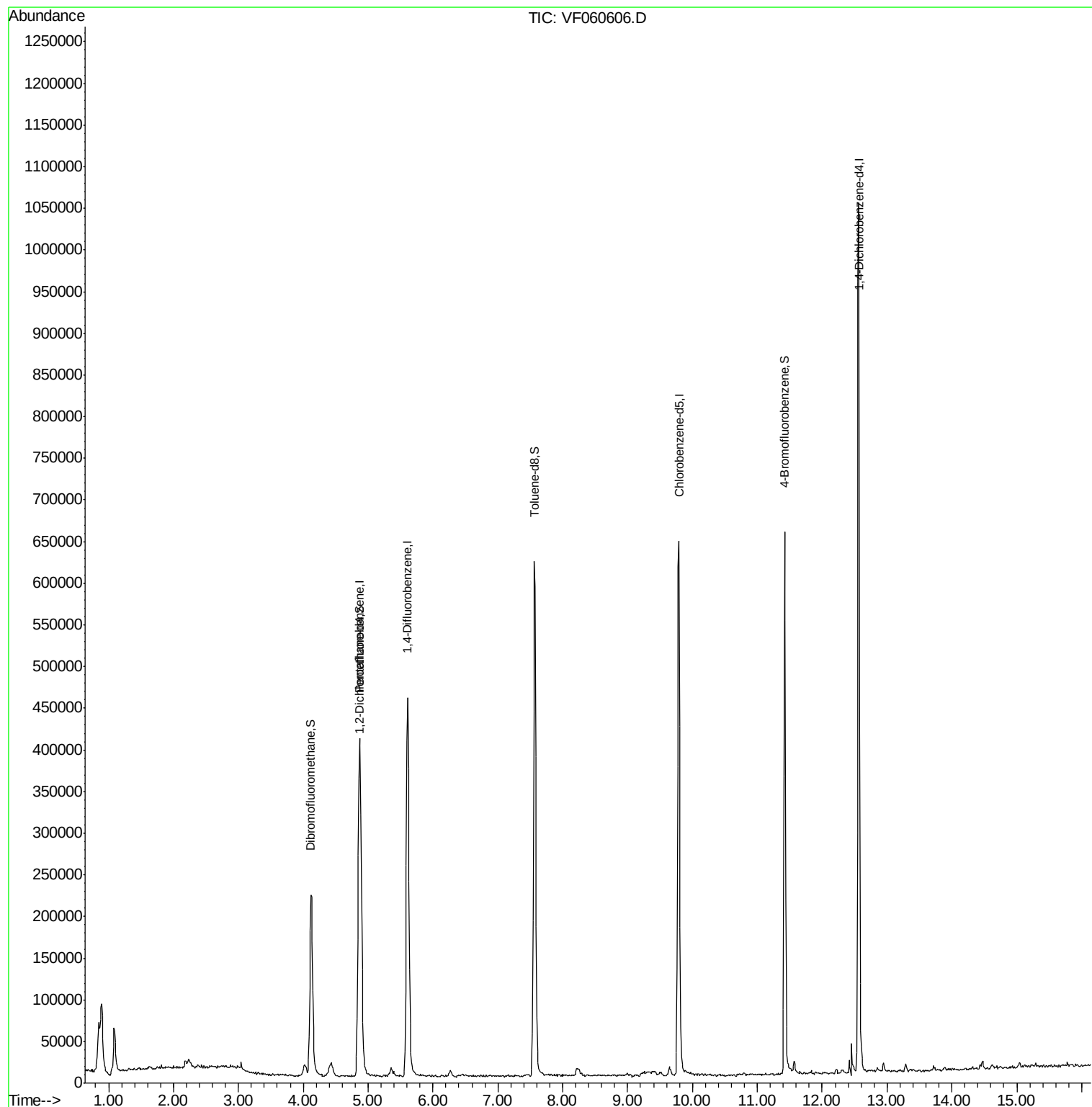
Target Compounds	Qvalue
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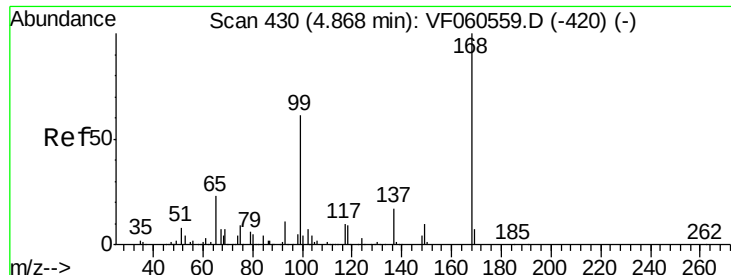
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VF060606.D

Acq: 6 Nov 2018 10:32

Instrument :

MSVOA_F

ClientSampleId :

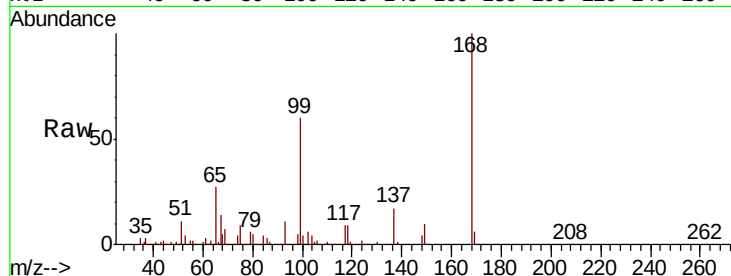
SODUS-TS-001

Tot Ion:168 Resp: 313461

Ion Ratio Lower Upper

168 100

99 60.3 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

120000

100000

80000

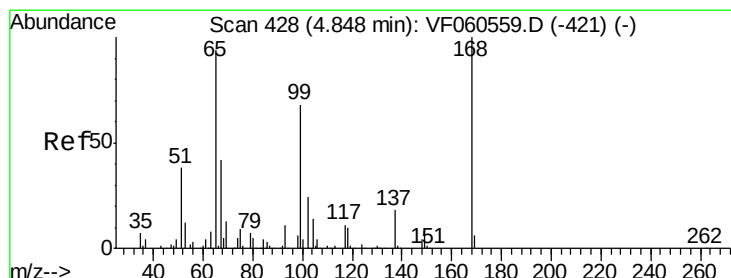
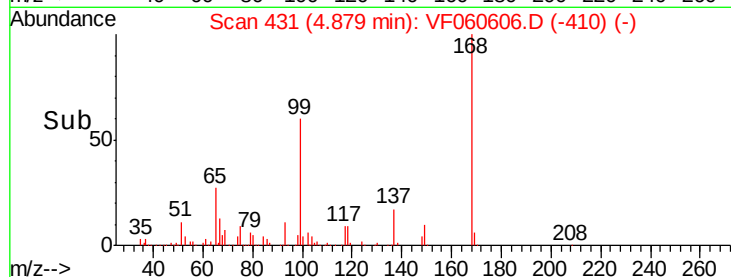
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 56.951 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.00 min

Lab File: VF060606.D

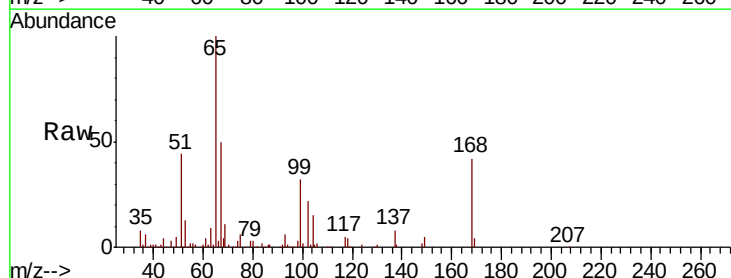
Acq: 6 Nov 2018 10:32

Tgt Ion: 65 Resp: 180369

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

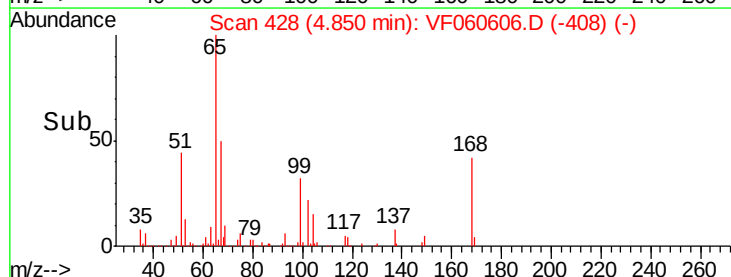
60000

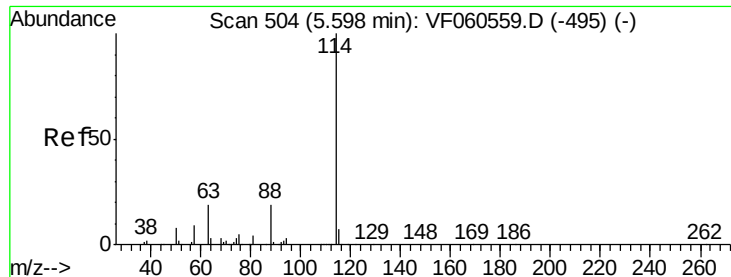
40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF060606.D

Acq: 6 Nov 2018 10:32

Instrument :

MSVOA_F

ClientSampleId :

SODUS-TS-001

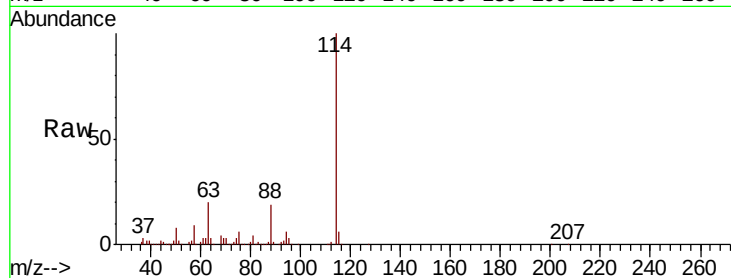
Tot Ion:114 Resp: 541218

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

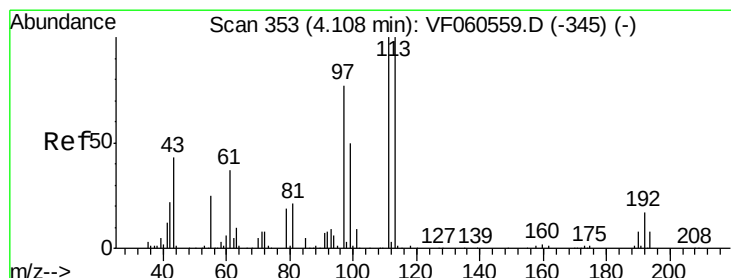
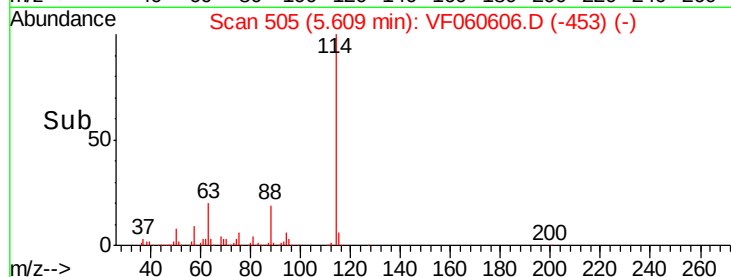
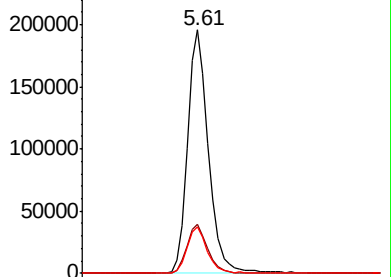
88 19.0 0.0 38.2



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: 51.909 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060606.D

Acq: 6 Nov 2018 10:32

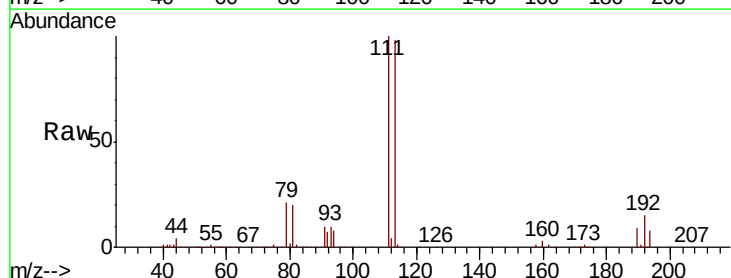
Tgt Ion:113 Resp: 217056

Ion Ratio Lower Upper

113 100

111 101.9 79.9 119.9

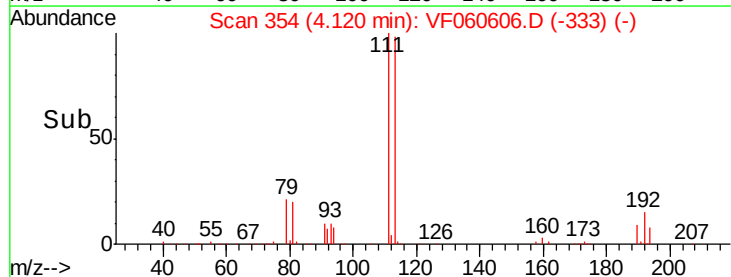
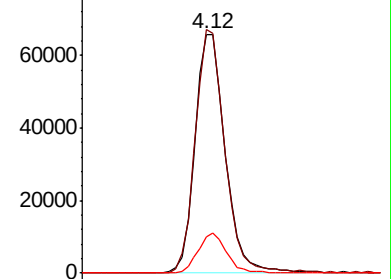
192 15.1 13.3 19.9

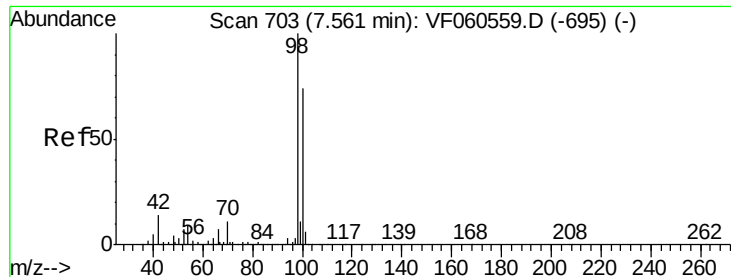


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

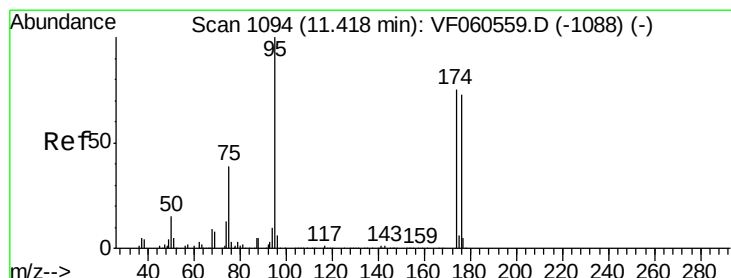
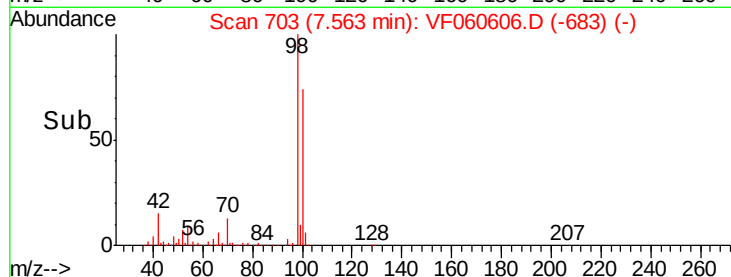
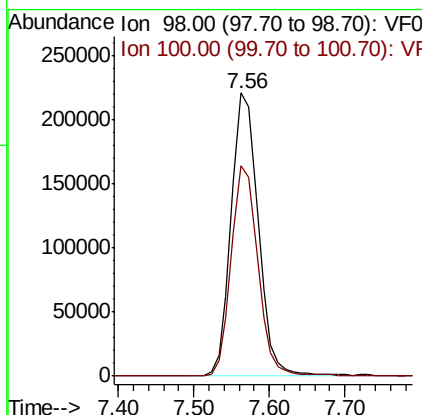
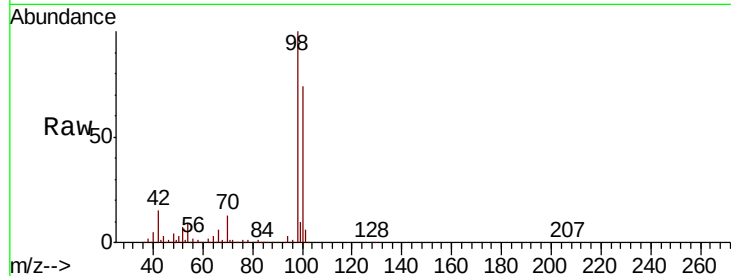




#50
Toluene-d8
Concen: 44.190 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

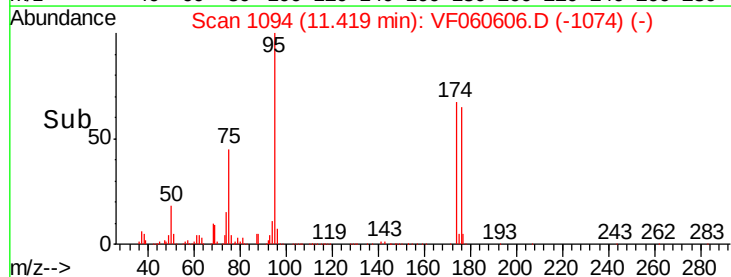
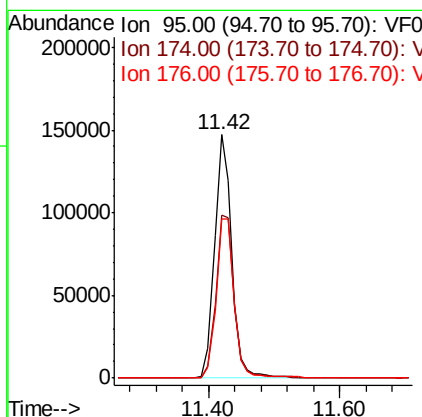
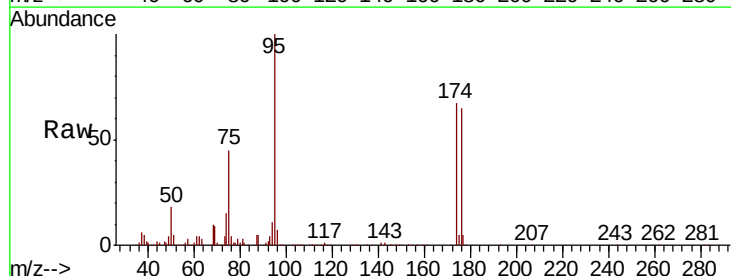
Instrument :
MSVOA_F
ClientSampleId :
SODUS-TS-001

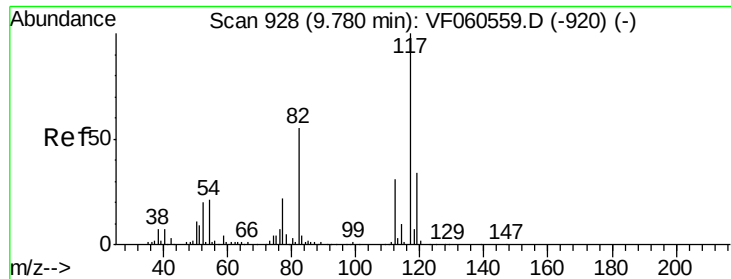
Tot Ion: 98 Resp: 547368
Ion Ratio Lower Upper
98 100
100 74.3 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 48.697 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion: 95 Resp: 263846
Ion Ratio Lower Upper
95 100
174 66.7 0.0 149.0
176 65.4 0.0 145.6

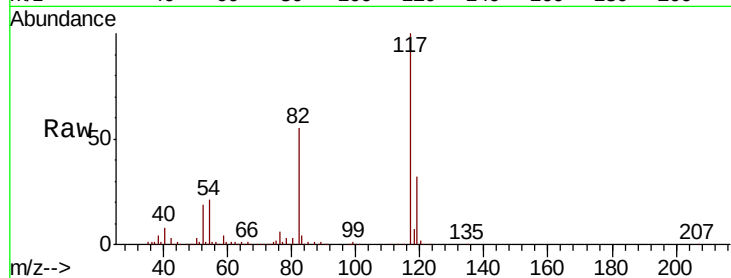




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Instrument :
MSVOA_F
ClientSampleId :
SODUS-TS-001

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.9	65.9
119	32.4	27.4	41.0

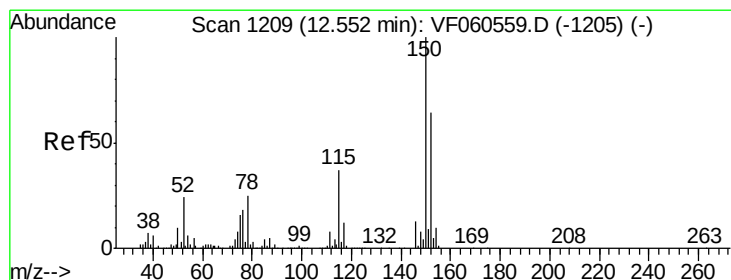
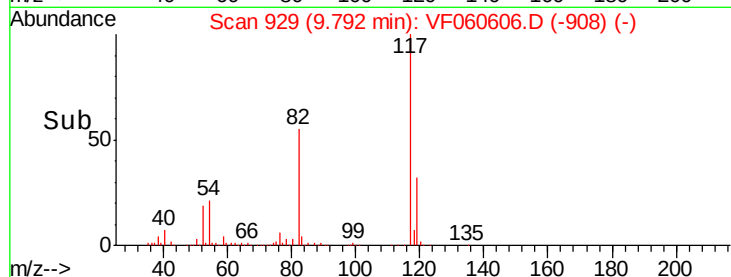
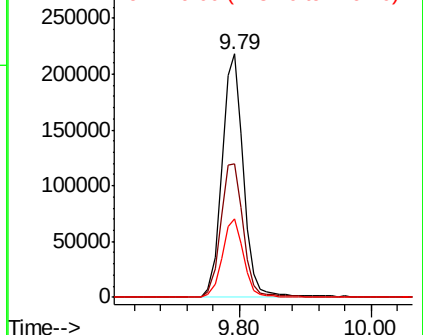


Abundance

Ion 117.00 (116.70 to 117.70): V

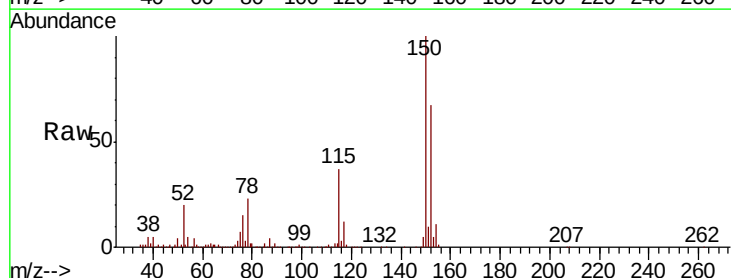
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	29.6	88.8
150	149.9	0.0	315.6



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

