

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110618\
 Data File : VF060614.D
 Acq On : 6 Nov 2018 15:59
 Operator : VA/AP
 Sample : J5803-08
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SODUS-TS-006

Quant Time: Nov 06 16:45:19 2018
 Quant Method : Z:\V0ASRV\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	4.89	168	248067	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.61	114	419895	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.80	117	359386	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	182635	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	126863	50.62	ug/l	0.02
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	4.12	113	160920	49.60	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	7.57	98	417451	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
62) 4-Bromofluorobenzene	11.42	95	176206	41.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.84%	

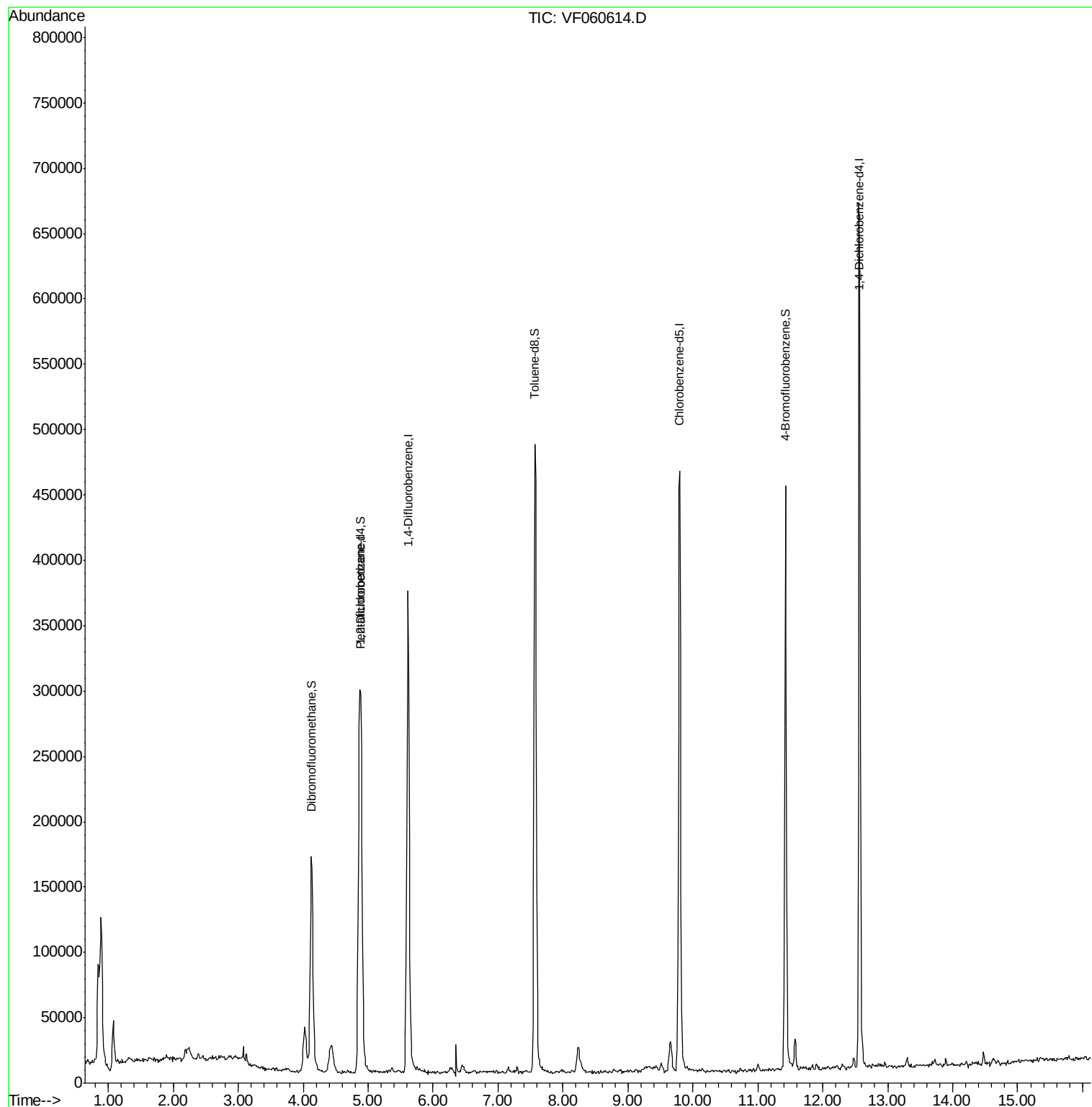
Target Compounds	Qvalue
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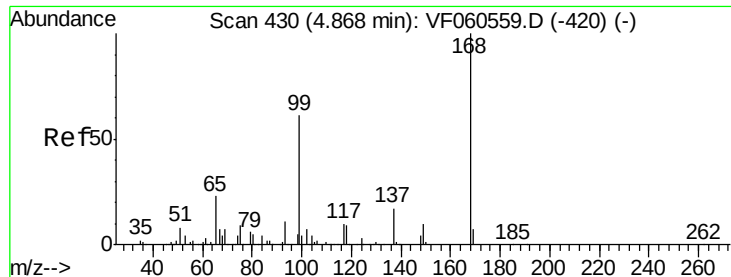
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.03 min

Lab File: VF060614.D

Acq: 6 Nov 2018 15:59

Instrument :

MSVOA_F

ClientSampleId :

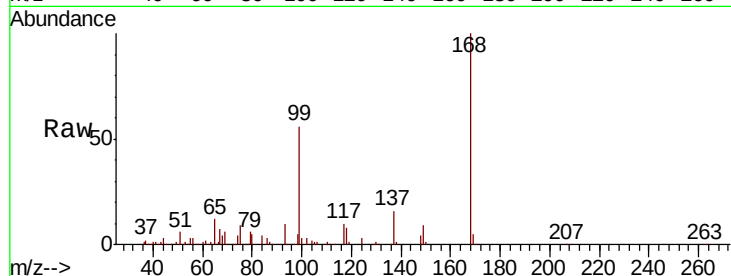
SODUS-TS-006

Tot Ion:168 Resp: 248067

Ion Ratio Lower Upper

168 100

99 56.2 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

80000

60000

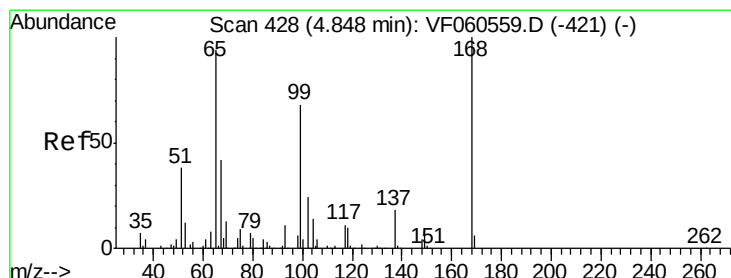
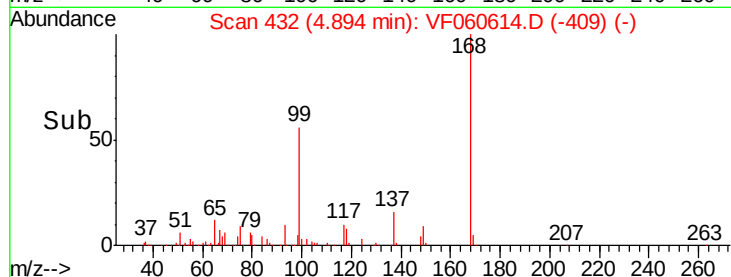
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.616 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF060614.D

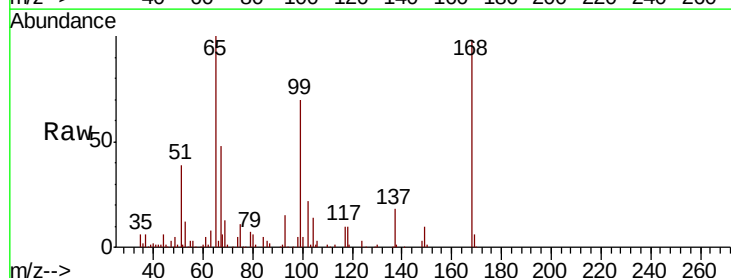
Acq: 6 Nov 2018 15:59

Tgt Ion: 65 Resp: 126863

Ion Ratio Lower Upper

65 100

67 47.5 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

50000

40000

30000

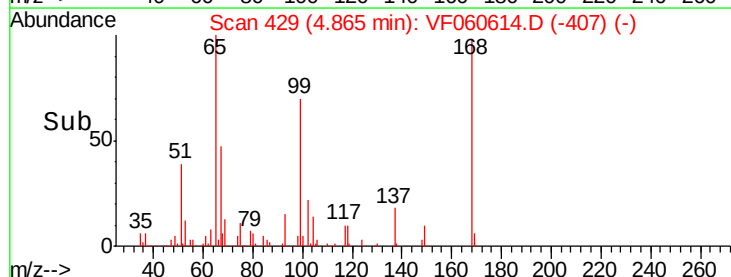
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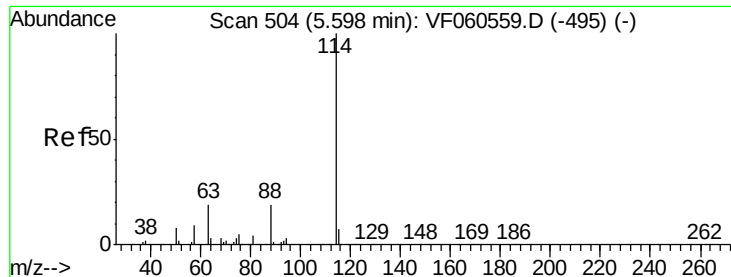
10000

0

4.70 4.80 4.90 5.00 5.10

Time-->

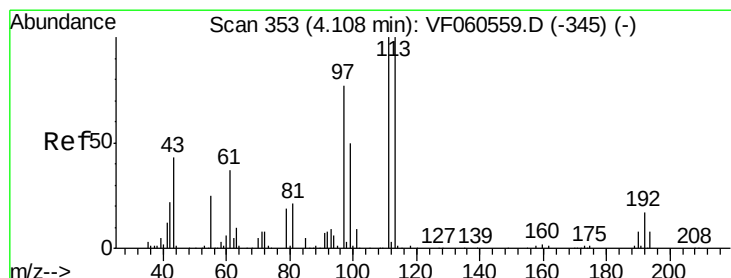
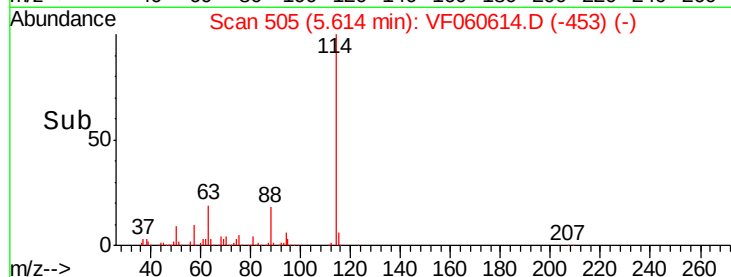
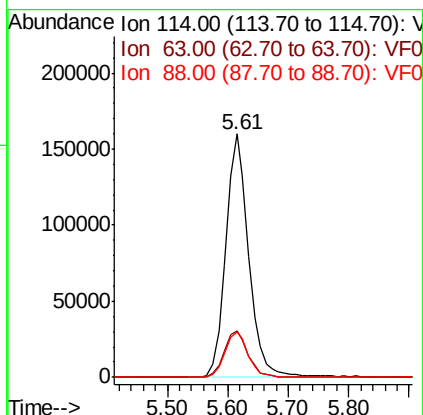
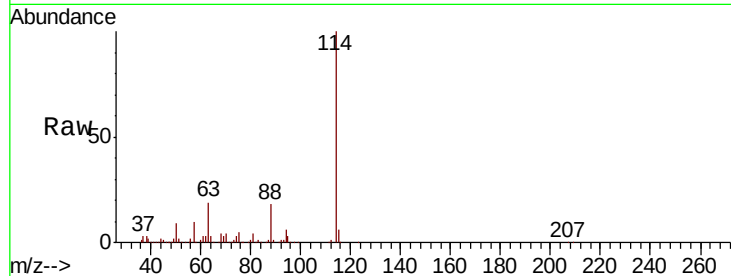




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.02 min
 Lab File: VF060614.D
 Acq: 6 Nov 2018 15:59

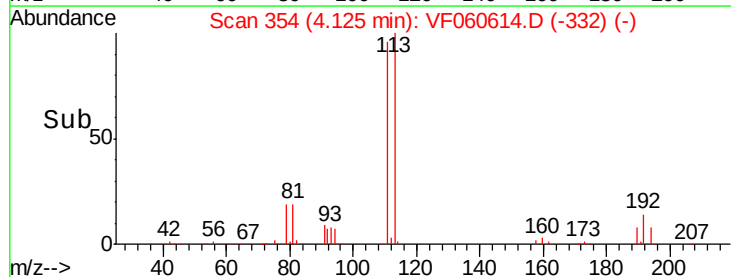
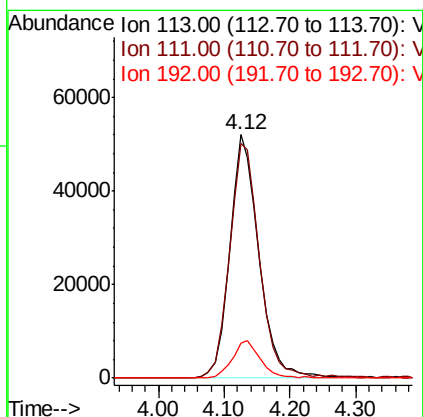
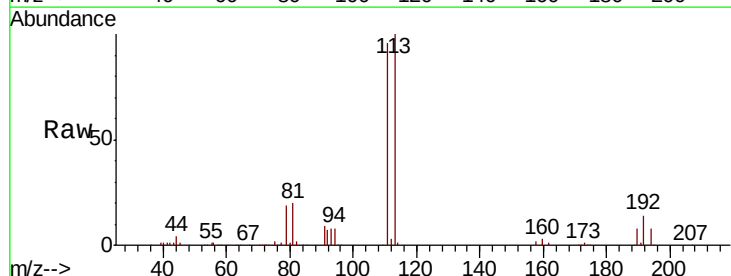
Instrument :
 MSVOA_F
 ClientSampleId :
 SODUS-TS-006

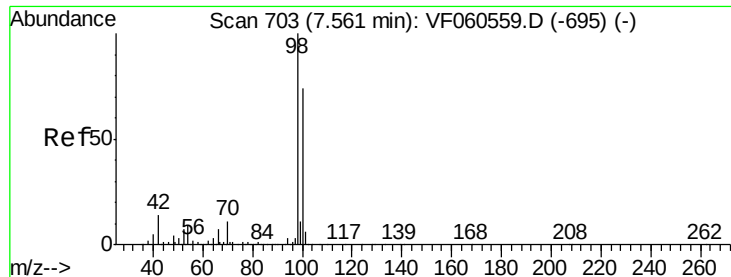
Tot Ion:114 Resp: 419895
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.0
 88 18.3 0.0 38.2



#35
 Dibromofluoromethane
 Concen: 49.604 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. 0.02 min
 Lab File: VF060614.D
 Acq: 6 Nov 2018 15:59

Tgt Ion:113 Resp: 160920
 Ion Ratio Lower Upper
 113 100
 111 96.4 79.9 119.9
 192 14.4 13.3 19.9

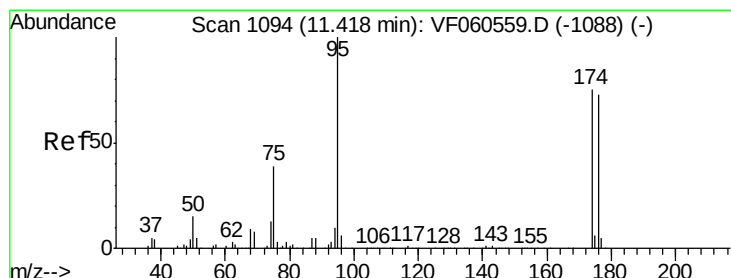
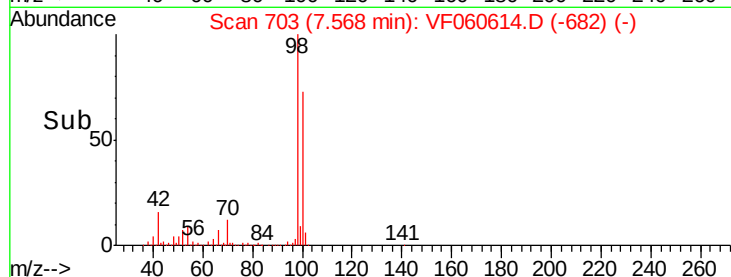
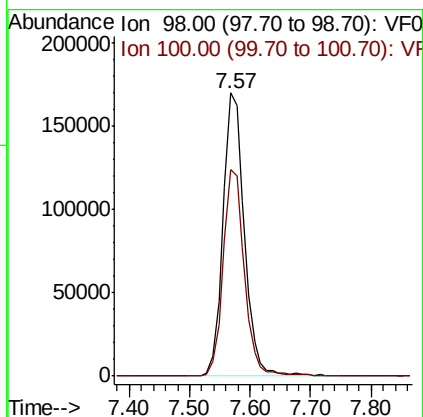
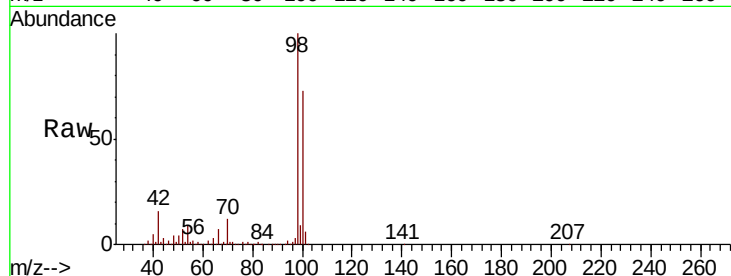




#50
Toluene-d8
Concen: 43.439 ug/l
RT: 7.57 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF060614.D
Acq: 6 Nov 2018 15:59

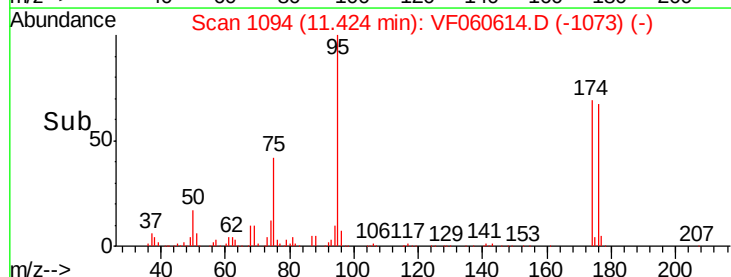
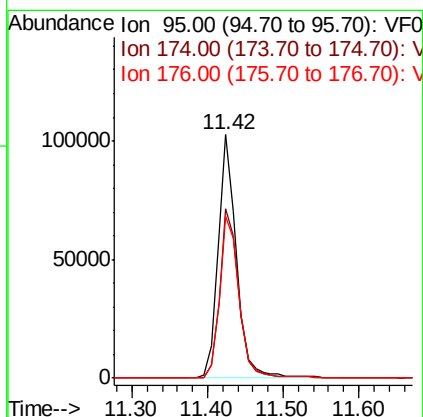
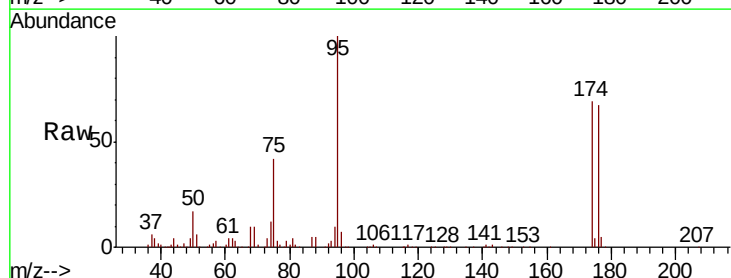
Instrument :
MSVOA_F
ClientSampleId :
SODUS-TS-006

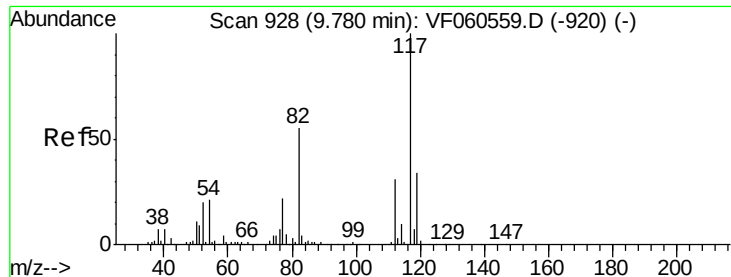
Tot Ion: 98 Resp: 417451
Ion Ratio Lower Upper
98 100
100 72.8 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 41.918 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF060614.D
Acq: 6 Nov 2018 15:59

Tgt Ion: 95 Resp: 176206
Ion Ratio Lower Upper
95 100
174 69.4 0.0 149.0
176 66.6 0.0 145.6

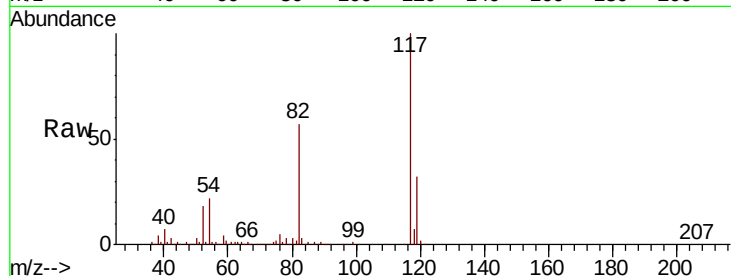




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF060614.D
Acq: 6 Nov 2018 15:59

Instrument :
MSVOA_F
ClientSampleId :
SODUS-TS-006

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.9	65.9
119	32.4	27.4	41.0

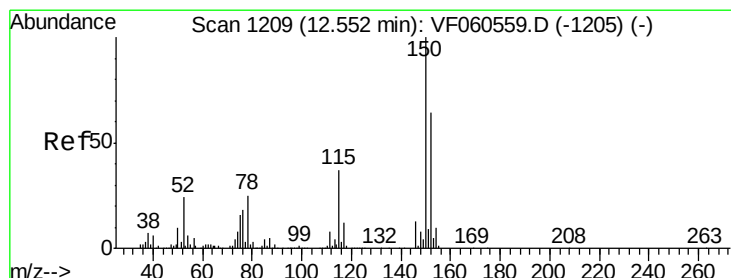
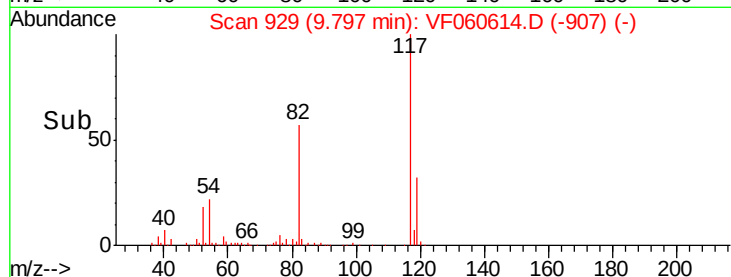
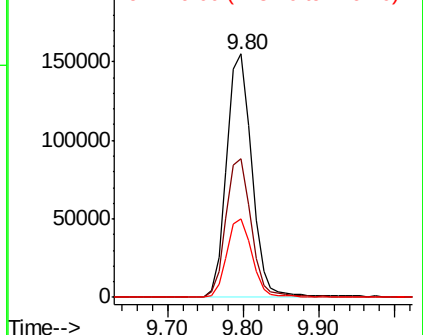


Abundance

Ion 117.00 (116.70 to 117.70): V

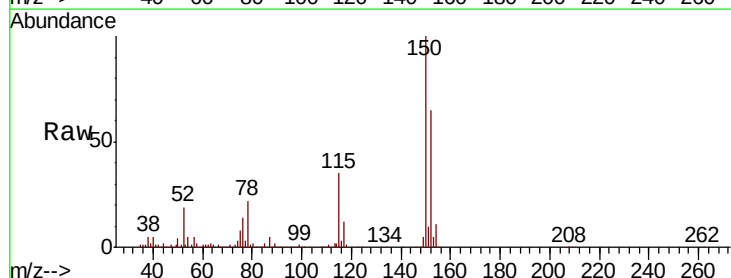
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF060614.D
Acq: 6 Nov 2018 15:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	29.6	88.8
150	153.1	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

