

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060604.D
 Acq On : 6 Nov 2018 9:35
 Operator : VA/AP
 Sample : J5803-09
 Misc : 5.08/5mL/MSVOA-F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SODUS-TS-007

Quant Time: Nov 06 10:35:16 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

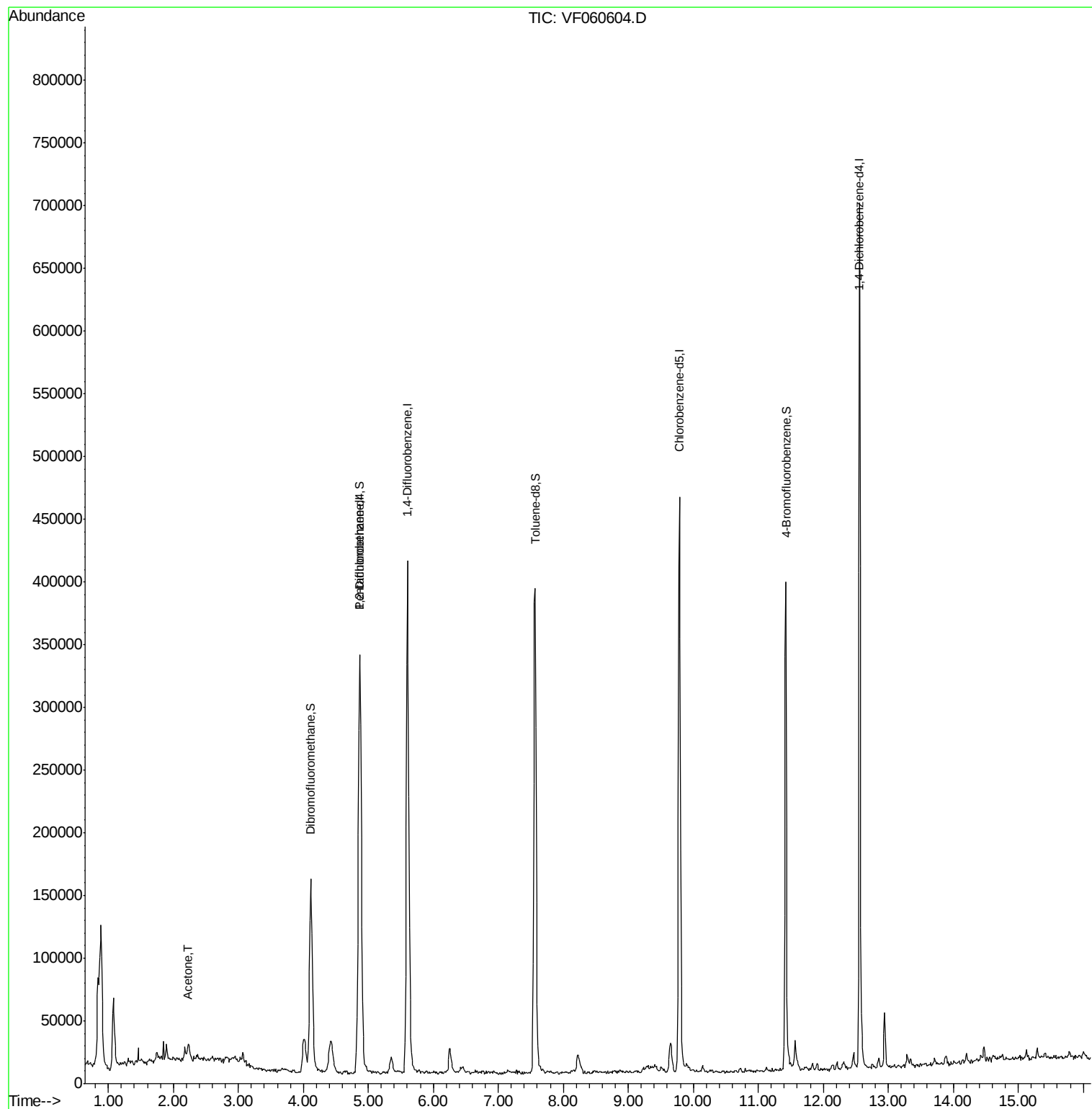
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	280511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	470451	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	349987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	170144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	120711	42.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.18%	
35) Dibromofluoromethane	4.11	113	150589	41.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.86%	
50) Toluene-d8	7.57	98	348698	32.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.78%	
62) 4-Bromofluorobenzene	11.42	95	160938	34.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.34%	
Target Compounds						
16) Acetone	2.24	43	13136	19.669	ug/l #	Qvalue 87

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF060604.D

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MSVOA_F

ClientSampleId :

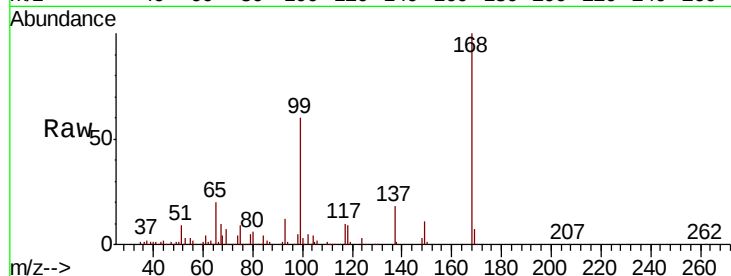
SODUS-TS-007

Tot Ion:168 Resp: 280511

Ion Ratio Lower Upper

168 100

99 59.7 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

100000

80000

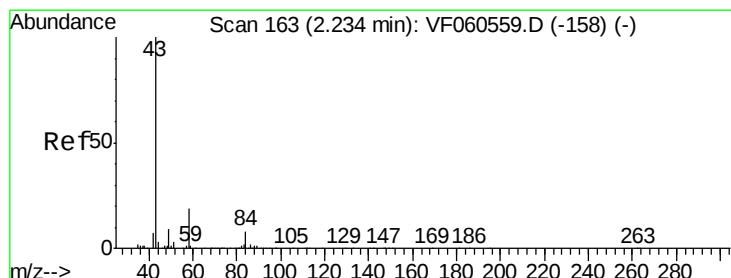
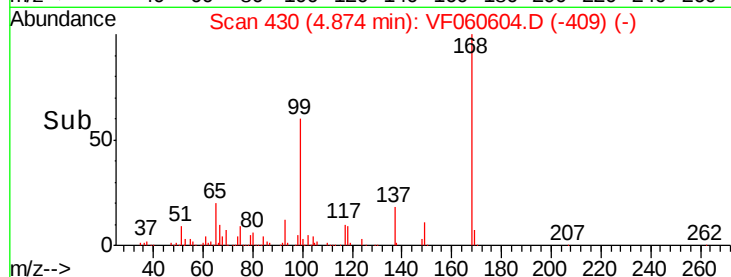
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 19.669 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF060604.D

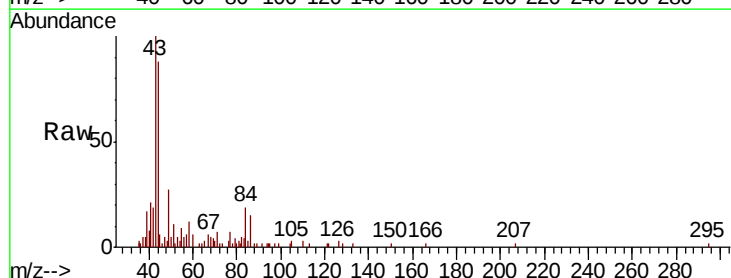
Acq: 6 Nov 2018 9:35

Tgt Ion: 43 Resp: 13136

Ion Ratio Lower Upper

43 100

58 12.4 14.6 22.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

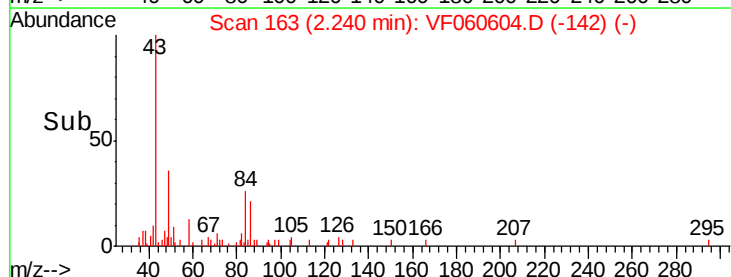
6000

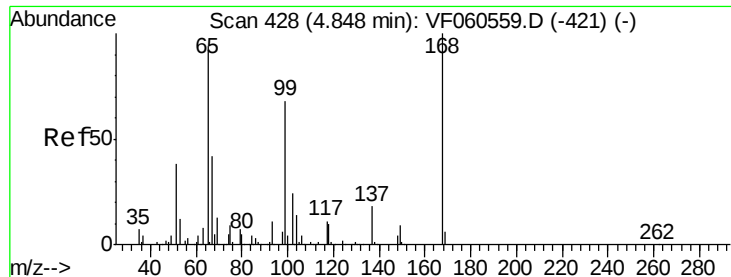
4000

2000

0

Time--> 2.20 2.30

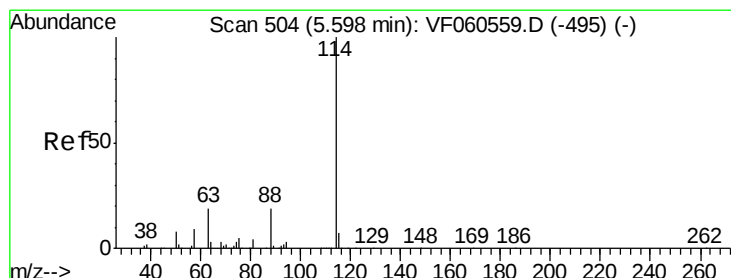
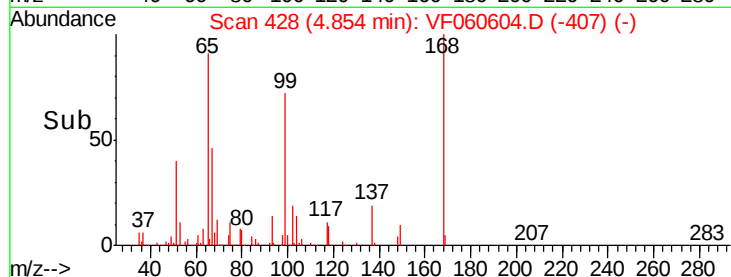
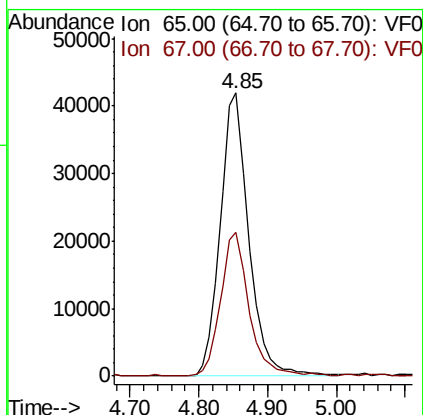
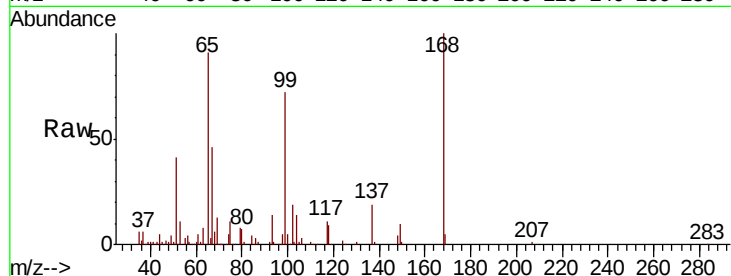




#33
 1,2-Dichloroethane-d4
 Concen: 42.591 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: VF060604.D
 Acq: 6 Nov 2018 9:35

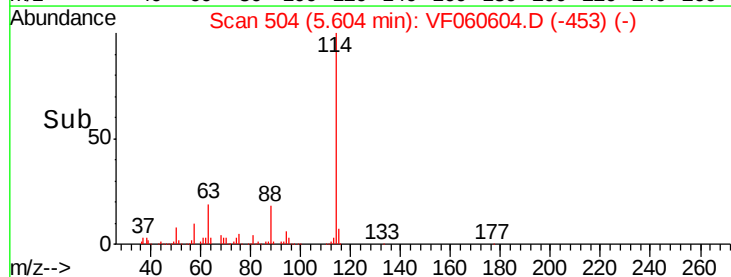
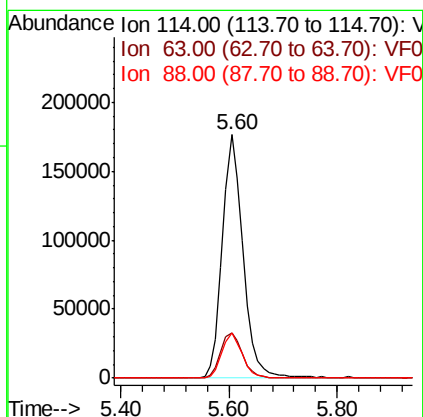
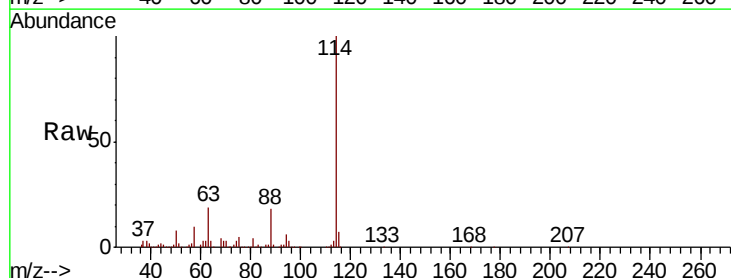
Instrument :
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 SODUS-TS-007

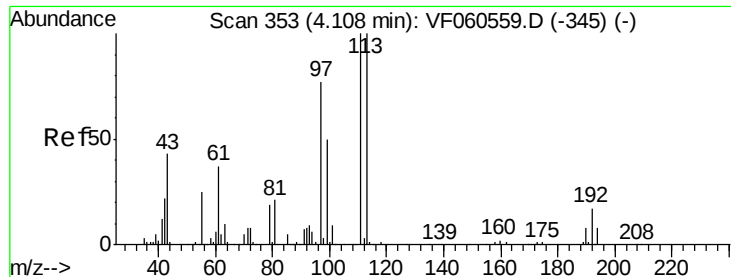
Tot Ion: 65 Resp: 120711
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF060604.D
 Acq: 6 Nov 2018 9:35

Tgt Ion: 114 Resp: 470451
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.0
 88 18.4 0.0 38.2

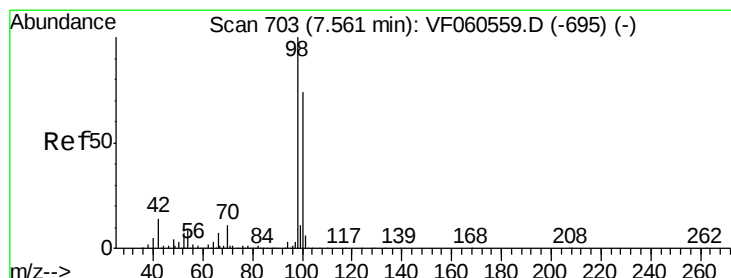
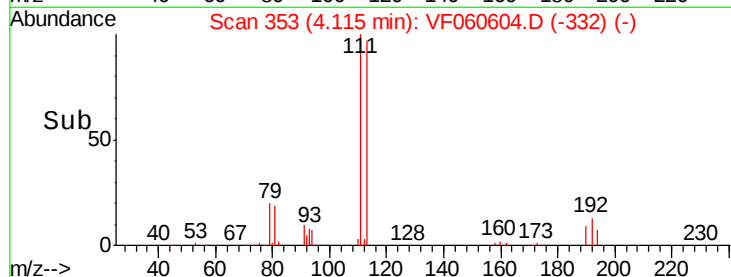
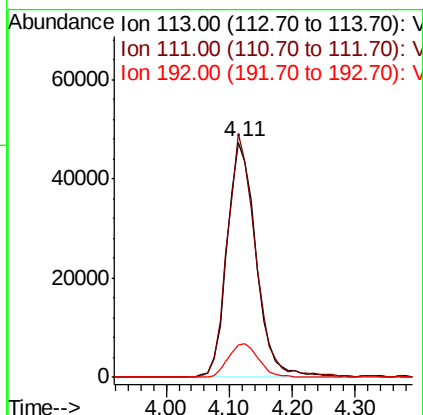
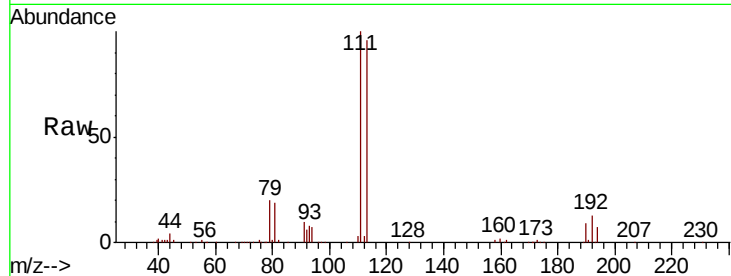




#35
Dibromofluoromethane
Concen: 41.431 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

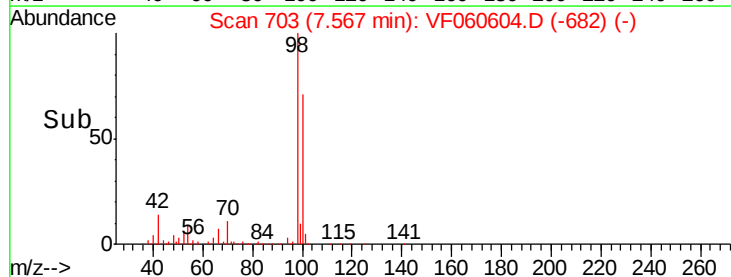
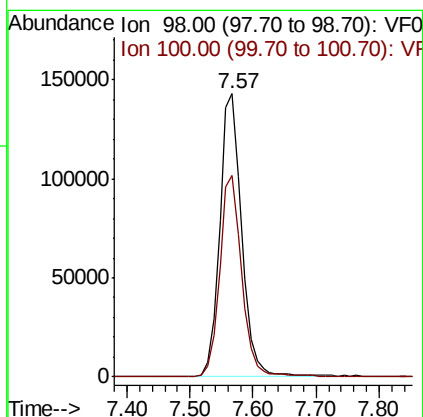
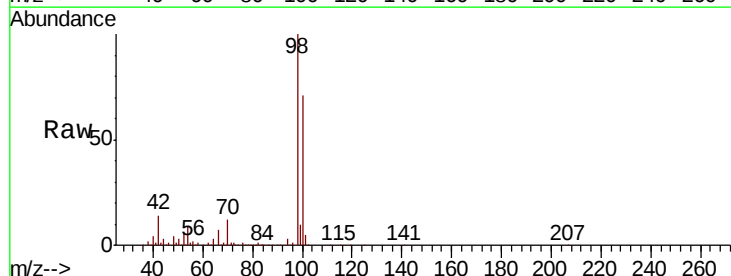
Instrument :
MSVOA_F
ClientSampleId :
SODUS-TS-007

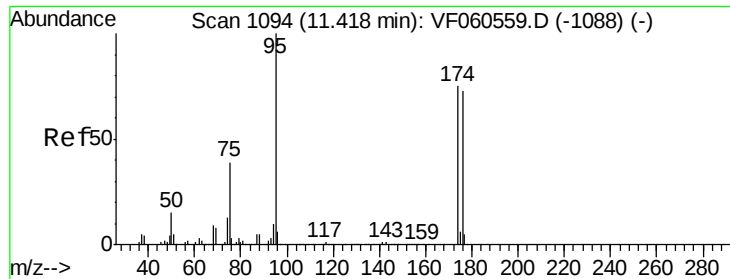
Tot Ion:113 Resp: 150589
Ion Ratio Lower Upper
113 100
111 103.6 79.9 119.9
192 13.8 13.3 19.9



#50
Toluene-d8
Concen: 32.386 ug/l
RT: 7.57 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF060604.D
Acq: 6 Nov 2018 9:35

Tgt Ion: 98 Resp: 348698
Ion Ratio Lower Upper
98 100
100 71.3 59.4 89.2





#62

4-Bromofluorobenzene

Concen: 34.172 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF060604.D

Acq: 6 Nov 2018 9:35

Instrument :

MSVOA_F

ClientSampleId :

SODUS-TS-007

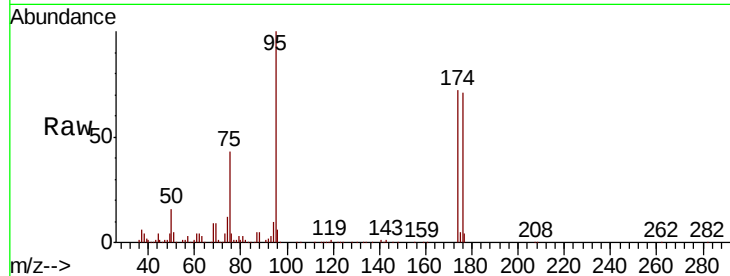
Tot Ion: 95 Resp: 160938

Ion Ratio Lower Upper

95 100

174 71.5 0.0 149.0

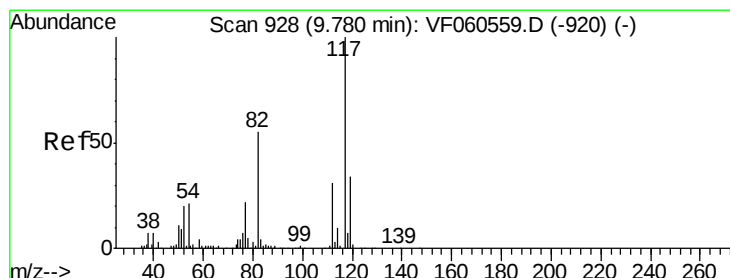
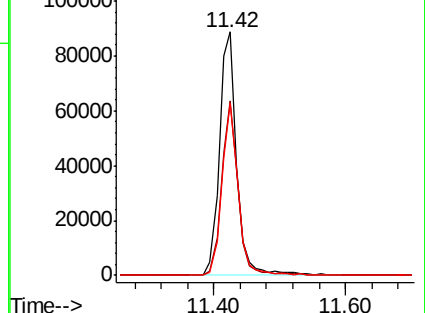
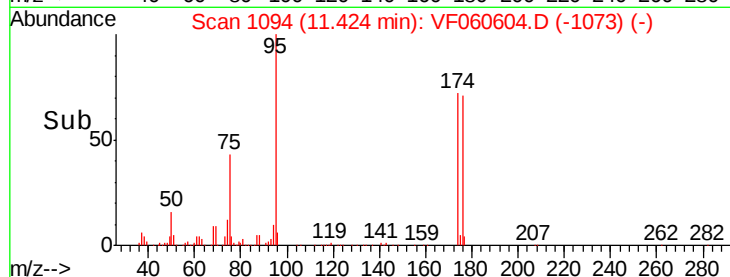
176 70.7 0.0 145.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.79 min Scan# 928

Delta R.T. 0.01 min

Lab File: VF060604.D

Acq: 6 Nov 2018 9:35

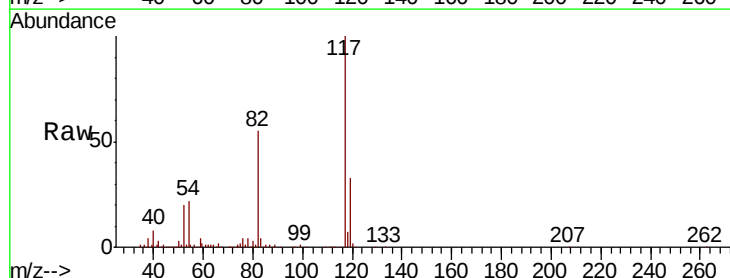
Tgt Ion: 117 Resp: 349987

Ion Ratio Lower Upper

117 100

82 55.4 43.9 65.9

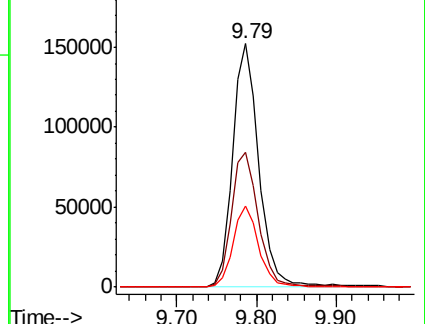
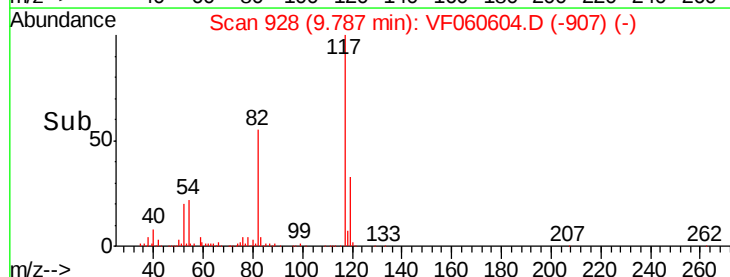
119 33.1 27.4 41.0

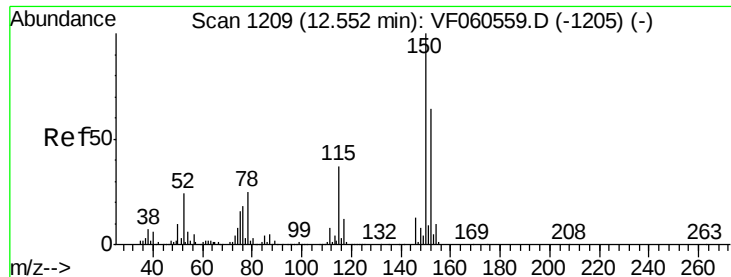


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF060604.D

Acq: 6 Nov 2018 9:35

Instrument :

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ClientSampleId :

SODUS-TS-007

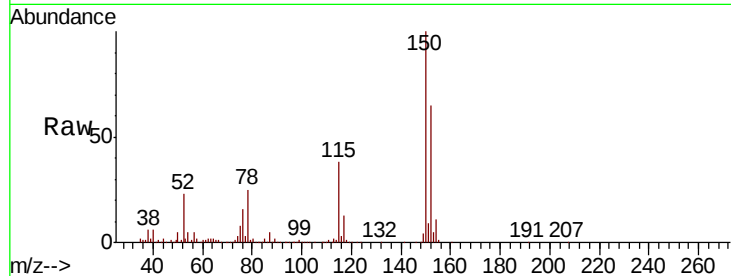
Tot Ion:152 Resp: 170144

Ion Ratio Lower Upper

152 100

115 58.1 29.6 88.8

150 153.2 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

