

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110618\
 Data File : VF060615.D
 Acq On : 6 Nov 2018 16:28
 Operator : VA/AP
 Sample : J5803-09
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SODUS-TS-007

Quant Time: Nov 06 16:12:27 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	4.89	168	282329	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	489617	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	385018	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	183729	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	134003	46.98	ug/l	0.01
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	4.13	113	172115	45.50	ug/l	0.02
Spiked Amount	50.000		Recovery	=	91.00%	
50) Toluene-d8	7.57	98	435431	38.86	ug/l	0.01
Spiked Amount	50.000		Recovery	=	77.72%	
62) 4-Bromofluorobenzene	11.43	95	174801	35.66	ug/l	0.01
Spiked Amount	50.000		Recovery	=	71.32%	

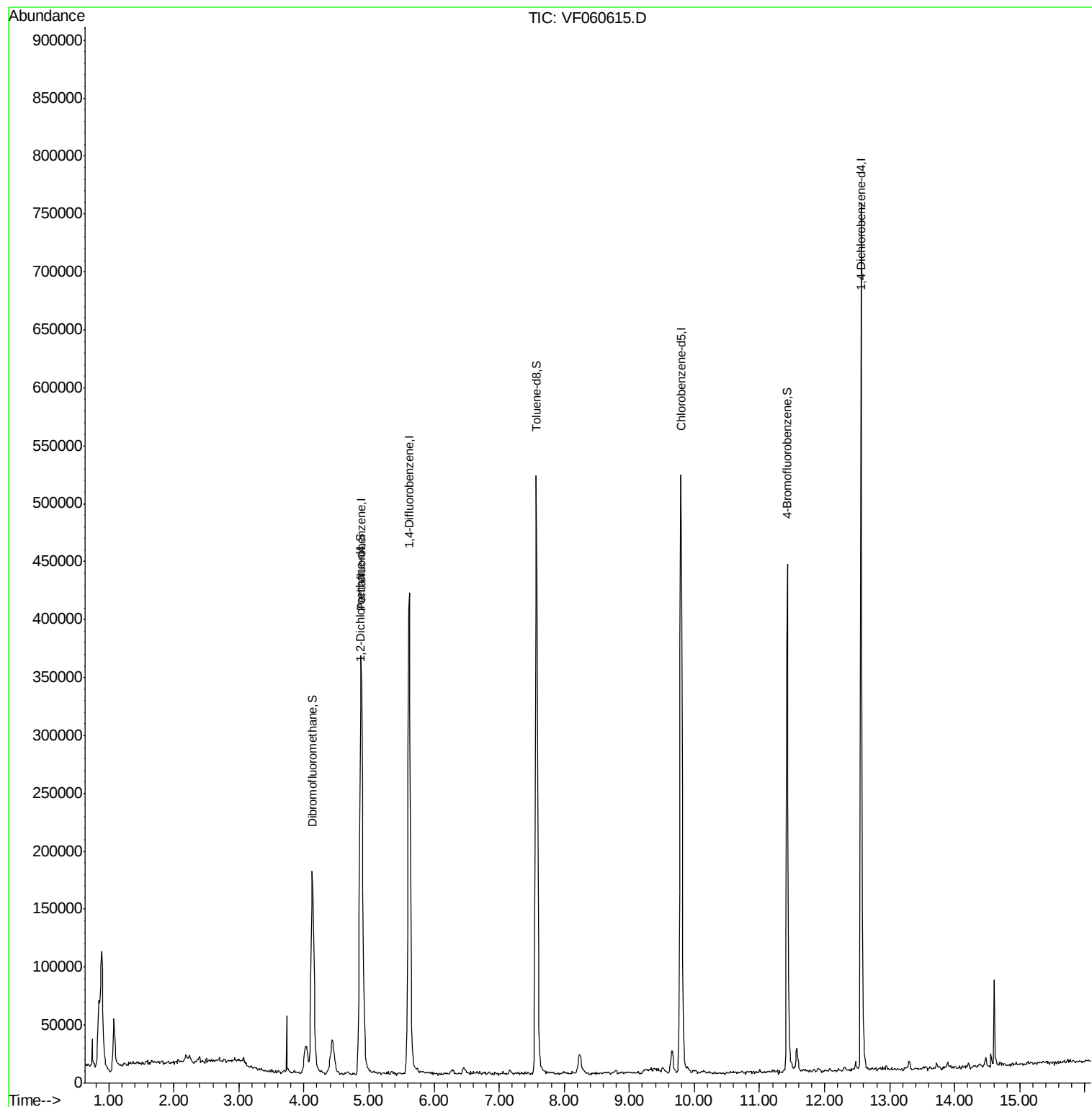
Target Compounds	Qvalue

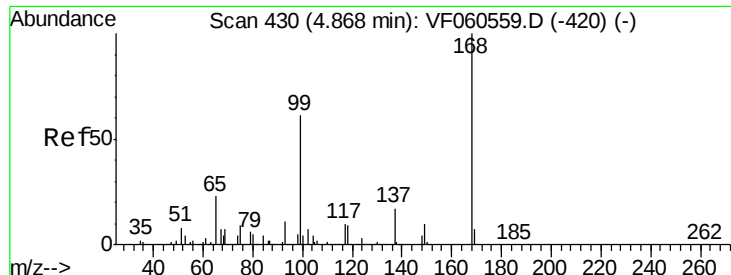
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF060615.D

Acq: 6 Nov 2018 16:28

Instrument :

MSVOA_F

ClientSampleId :

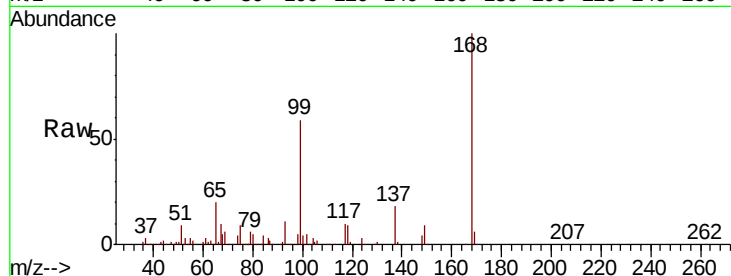
SODUS-TS-007

Tot Ion:168 Resp: 282329

Ion Ratio Lower Upper

168 100

99 59.4 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

100000

80000

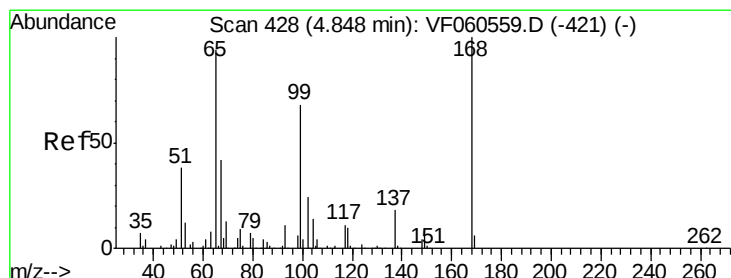
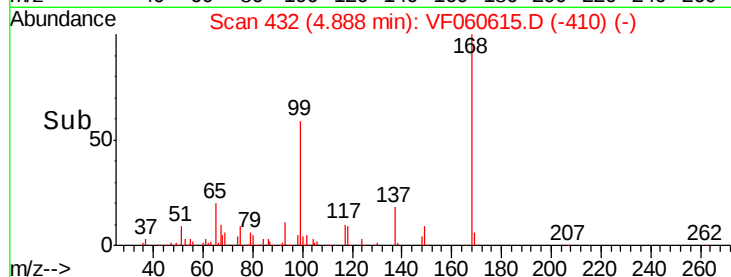
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 46.976 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.01 min

Lab File: VF060615.D

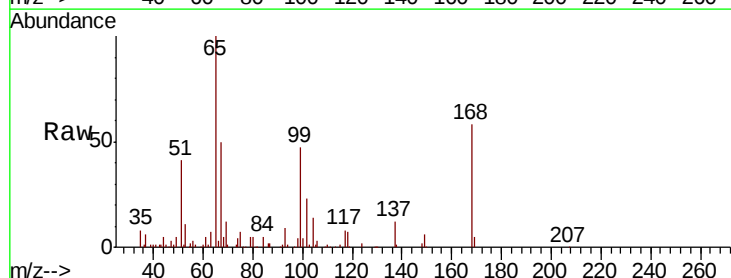
Acq: 6 Nov 2018 16:28

Tgt Ion: 65 Resp: 134003

Ion Ratio Lower Upper

65 100

67 50.2 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

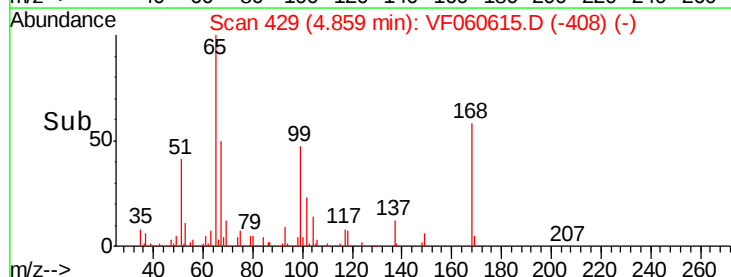
30000

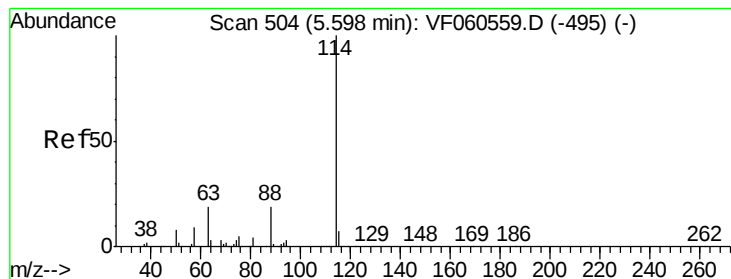
20000

10000

0

Time--> 4.70 4.80 4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. 0.02 min

Lab File: VF060615.D

Acq: 6 Nov 2018 16:28

Instrument :

MSVOA_F

ClientSampleId :

SODUS-TS-007

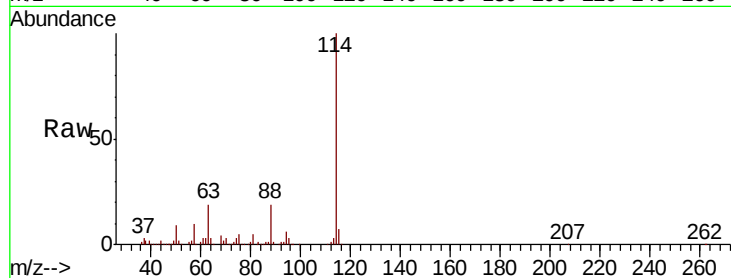
Tot Ion:114 Resp: 489617

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

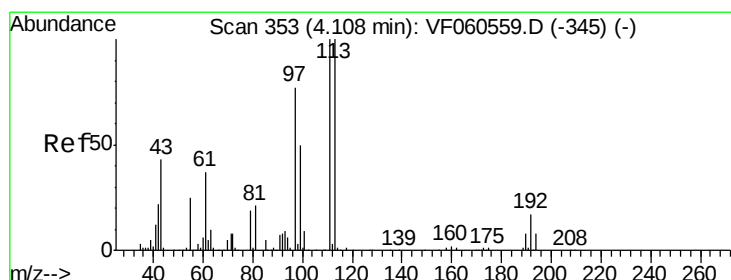
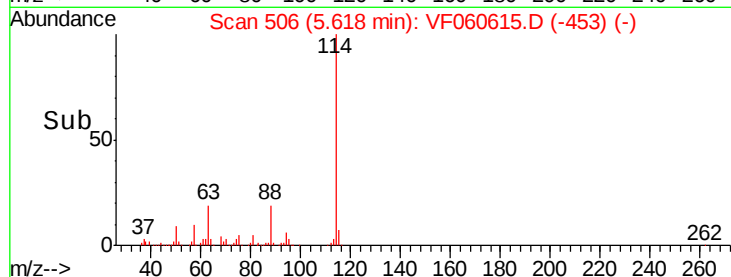
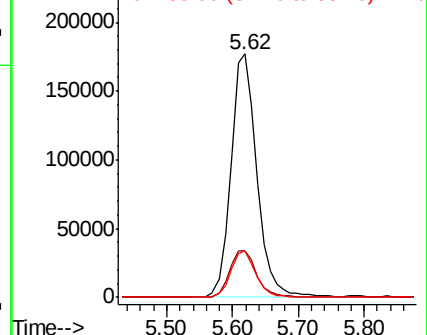
88 19.0 0.0 38.2



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: 45.500 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.02 min

Lab File: VF060615.D

Acq: 6 Nov 2018 16:28

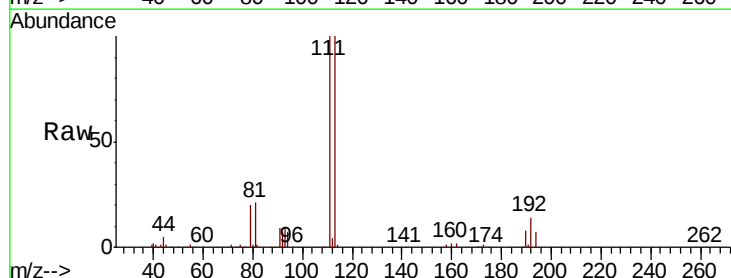
Tgt Ion:113 Resp: 172115

Ion Ratio Lower Upper

113 100

111 100.0 79.9 119.9

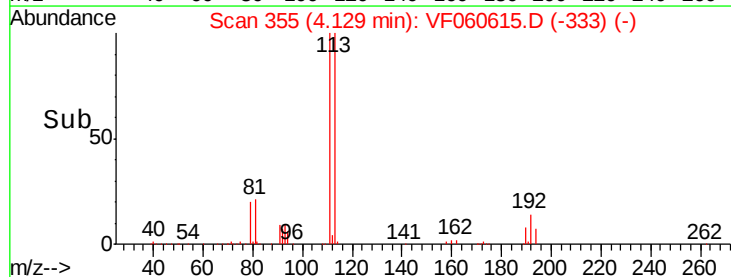
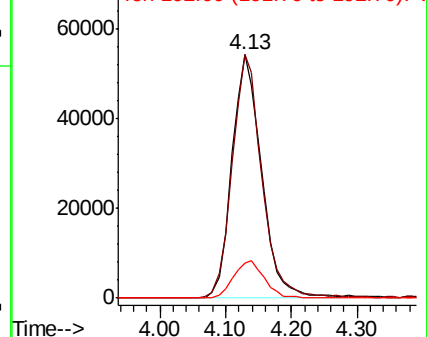
192 14.4 13.3 19.9

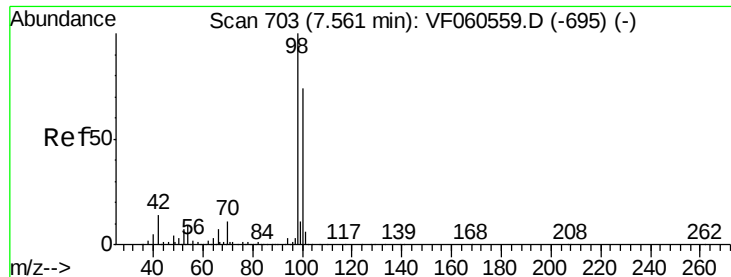


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

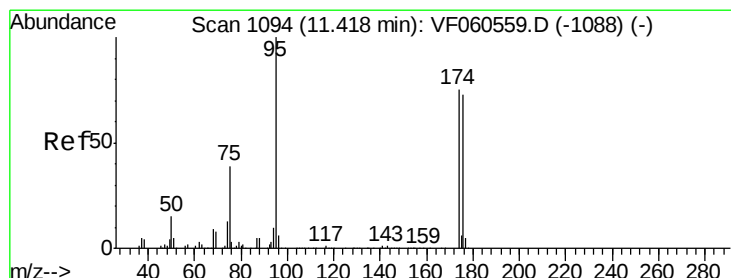
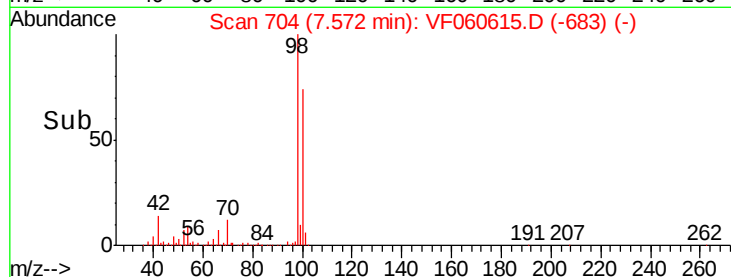
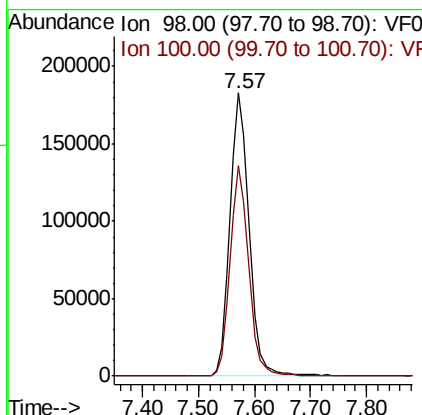
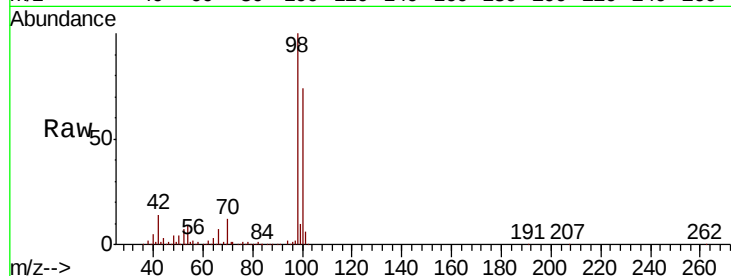




#50
Toluene-d8
Concen: 38.858 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF060615.D
Acq: 6 Nov 2018 16:28

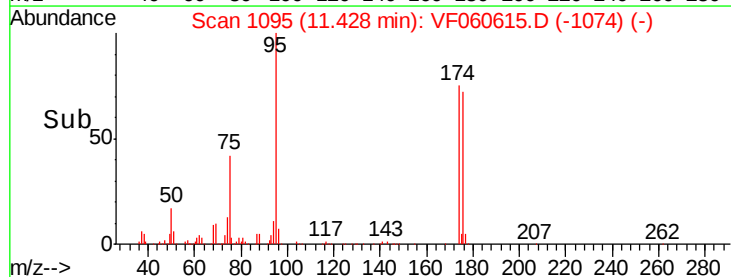
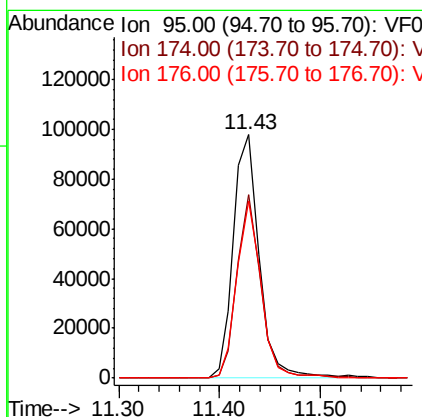
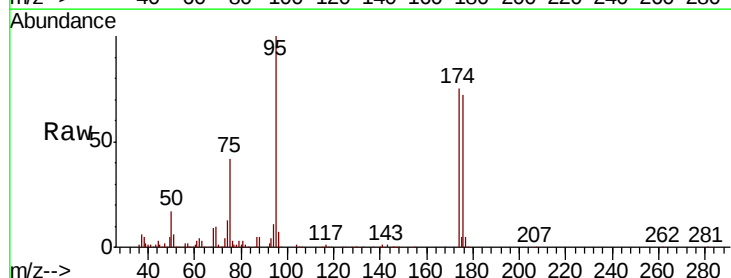
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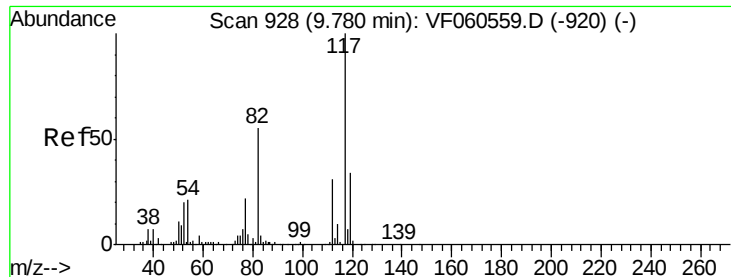
Tot Ion: 98 Resp: 435431
Ion Ratio Lower Upper
98 100
100 74.4 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 35.663 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.01 min
Lab File: VF060615.D
Acq: 6 Nov 2018 16:28

Tgt Ion: 95 Resp: 174801
Ion Ratio Lower Upper
95 100
174 75.2 0.0 149.0
176 72.5 0.0 145.6

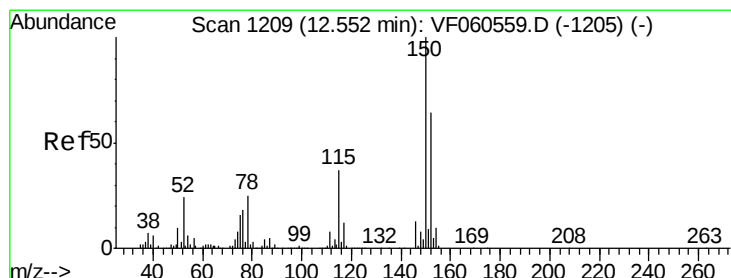
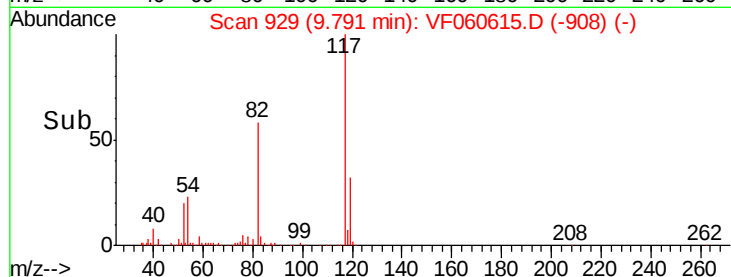
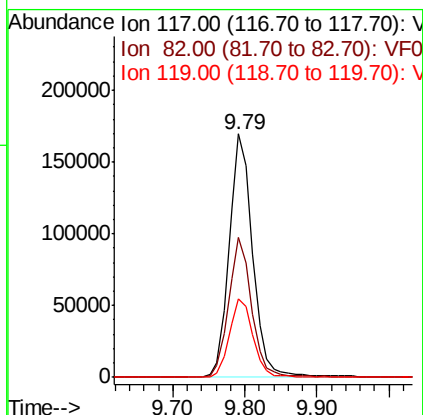
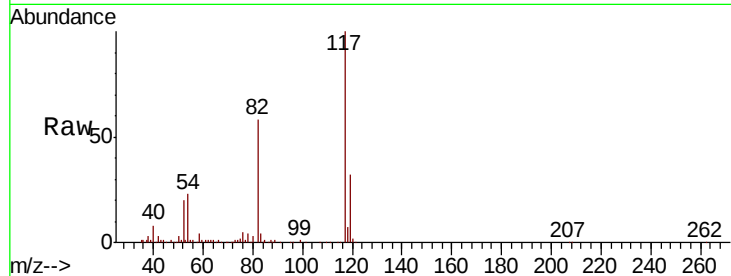




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF060615.D
Acq: 6 Nov 2018 16:28

Instrument :
MSVOA_F
ClientSampleId :
SODUS-TS-007

Tot Ion:117 Resp: 385018
Ion Ratio Lower Upper
117 100
82 57.6 43.9 65.9
119 32.3 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060615.D
Acq: 6 Nov 2018 16:28

Tgt Ion:152 Resp: 183729
Ion Ratio Lower Upper
152 100
115 57.3 29.6 88.8
150 156.1 0.0 315.6

