

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060573.D
 Acq On : 5 Nov 2018 15:26
 Operator : VA/AP
 Sample : J5755-03RE
 Misc : 5.38/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-SRE

Quant Time: Nov 05 15:42:49 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

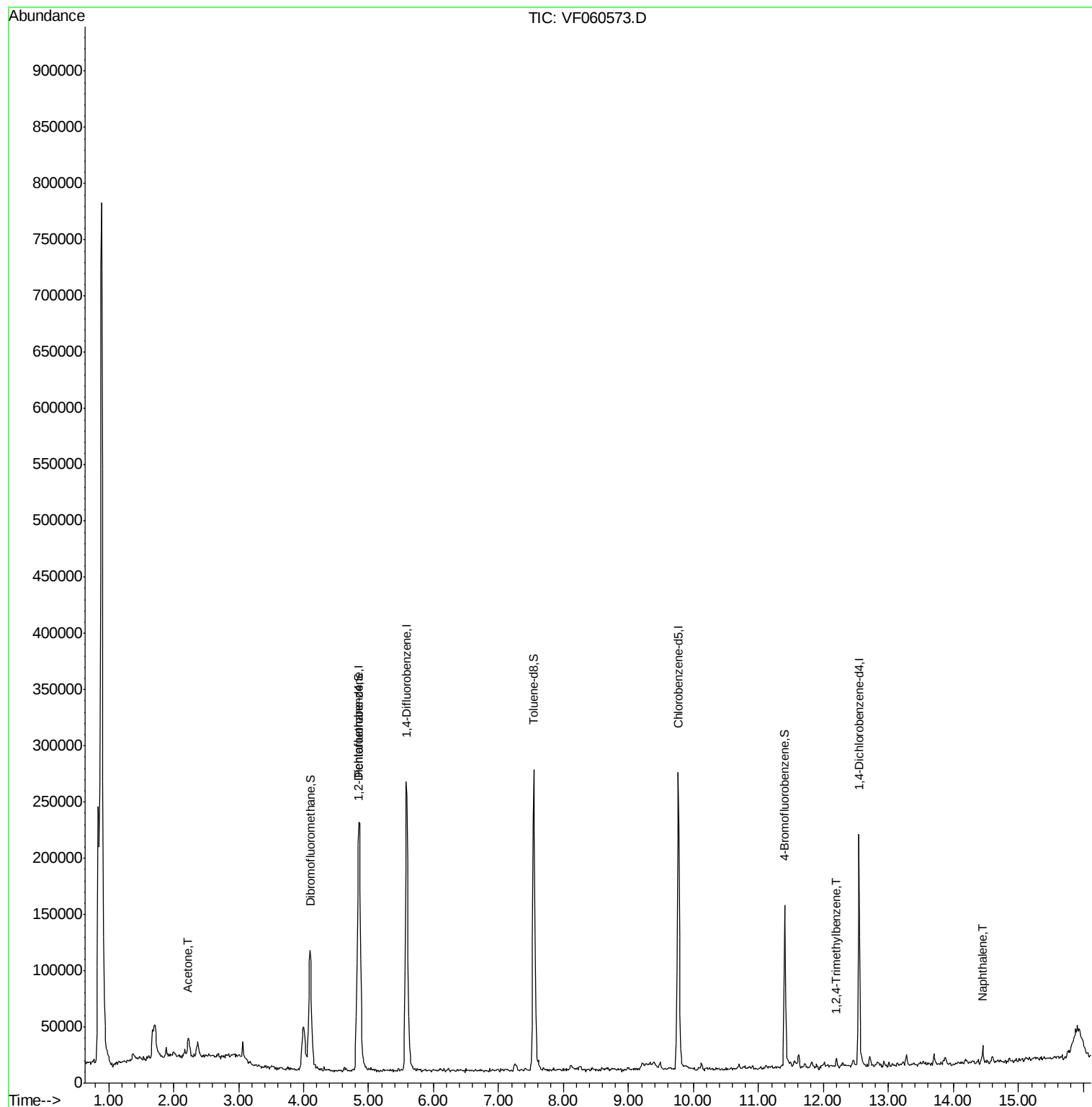
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	187048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	306706	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	196992	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	51323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	78267	41.41	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	82.82%	
35) Dibromofluoromethane	4.10	113	101444	42.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.62%	
50) Toluene-d8	7.54	98	229445	32.69	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	65.38%	
62) 4-Bromofluorobenzene	11.40	95	62559	20.37	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	40.74%	
Target Compounds						
16) Acetone	2.23	43	22867	51.349	ug/l	95
84) 1,2,4-Trimethylbenzene	12.20	105	3568	1.104	ug/l	100
95) Naphthalene	14.45	128	7713	3.527	ug/l #	94

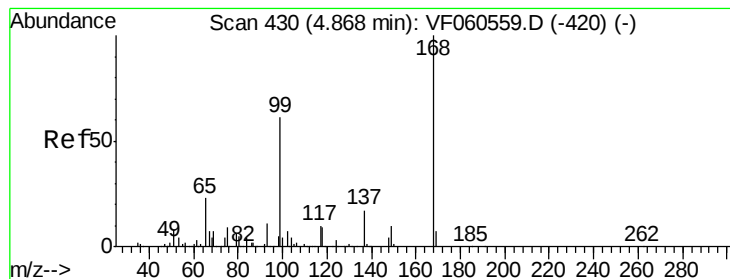
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF060573.D

Acq: 5 Nov 2018 15:26

Instrument :

MSVOA_F

ClientSampleId :

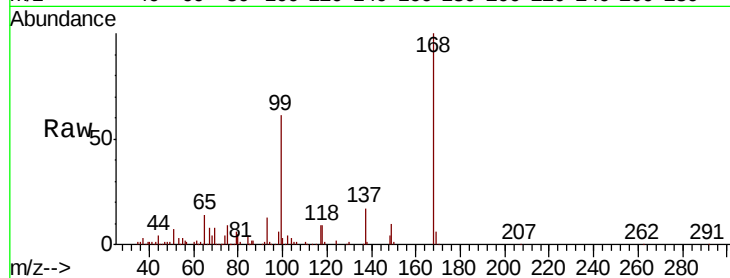
TP-1-SRE

Tot Ion:168 Resp: 187048

Ion Ratio Lower Upper

168 100

99 60.6 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

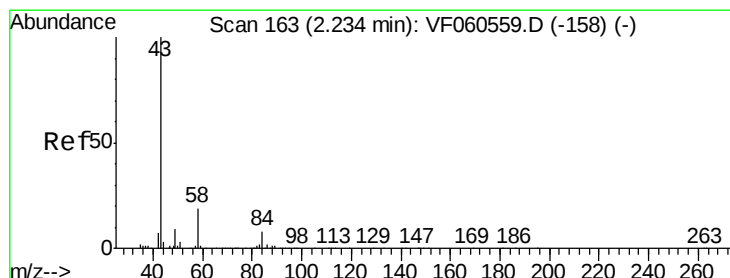
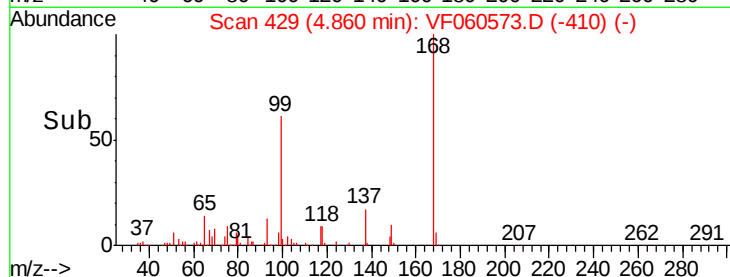
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 51.349 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF060573.D

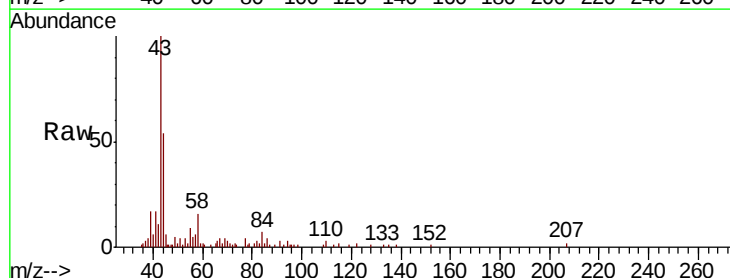
Acq: 5 Nov 2018 15:26

Tgt Ion: 43 Resp: 22867

Ion Ratio Lower Upper

43 100

58 16.1 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

12000

10000

8000

6000

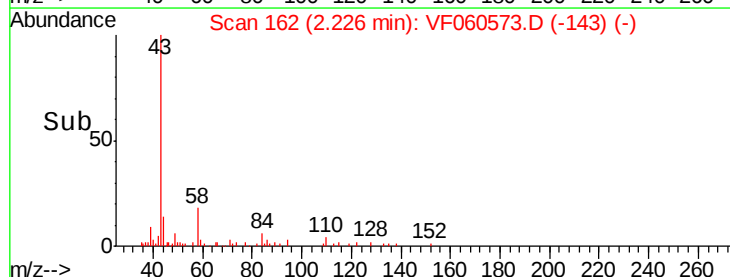
4000

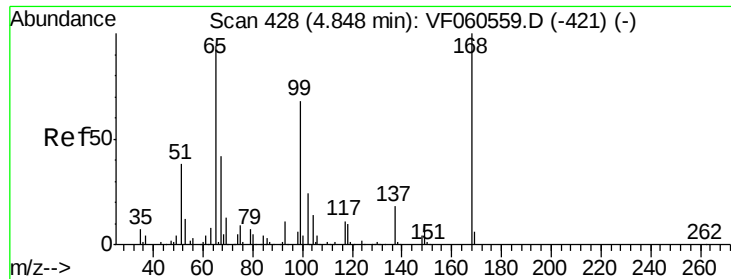
2000

0

Time-->

2.15 2.20 2.25 2.30 2.35

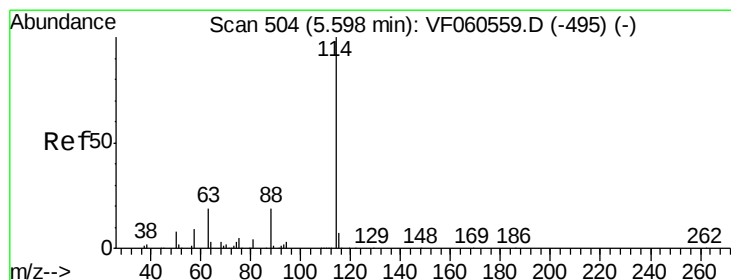
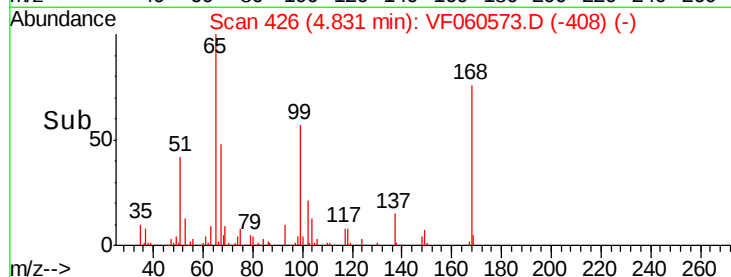
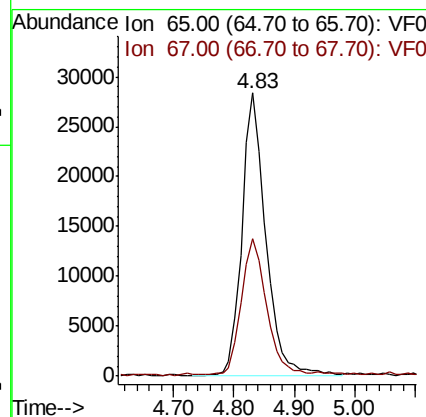
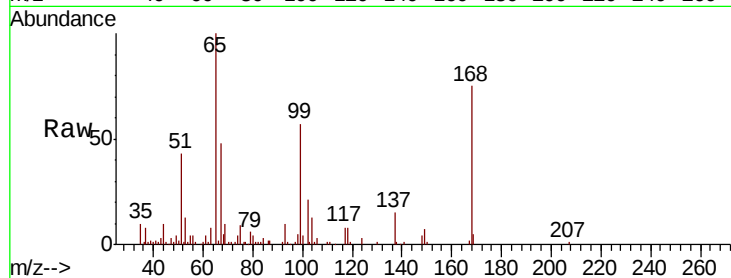




#33
 1,2-Dichloroethane-d4
 Concen: 41.414 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: VF060573.D
 Acq: 5 Nov 2018 15:26

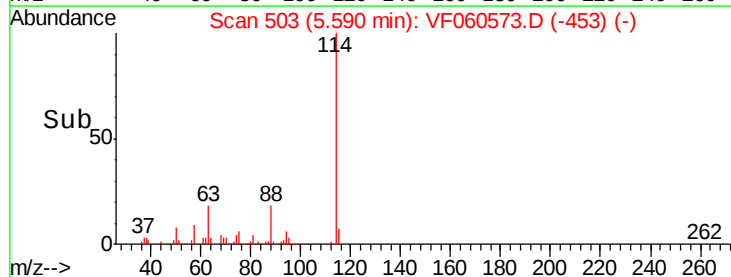
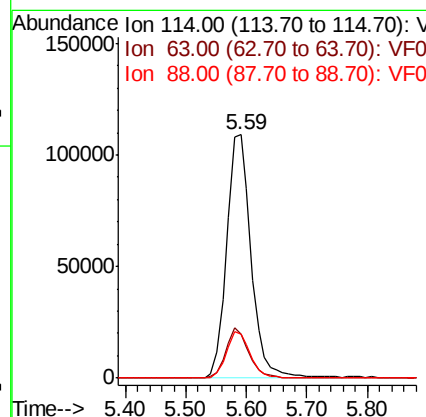
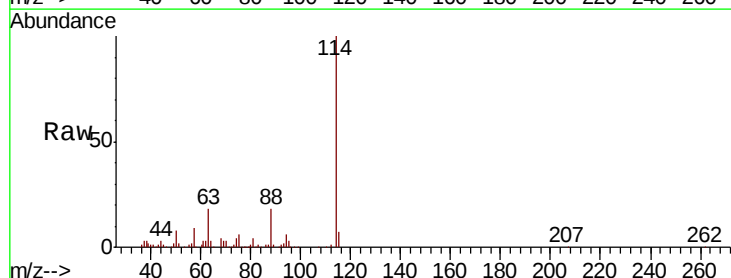
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-SRE

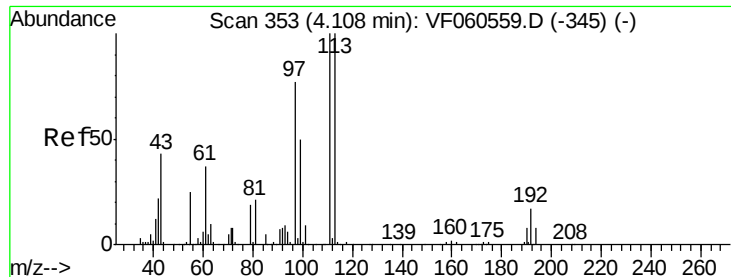
Tot Ion: 65 Resp: 78267
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: VF060573.D
 Acq: 5 Nov 2018 15:26

Tgt Ion: 114 Resp: 306706
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.0
 88 18.1 0.0 38.2

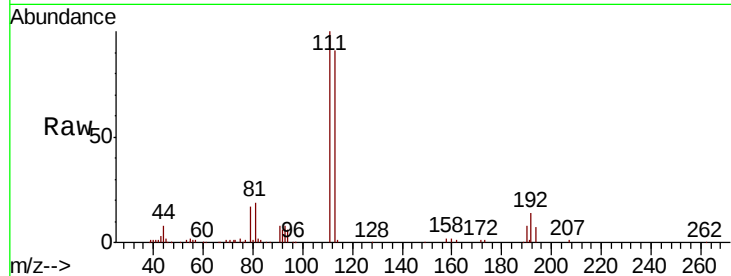




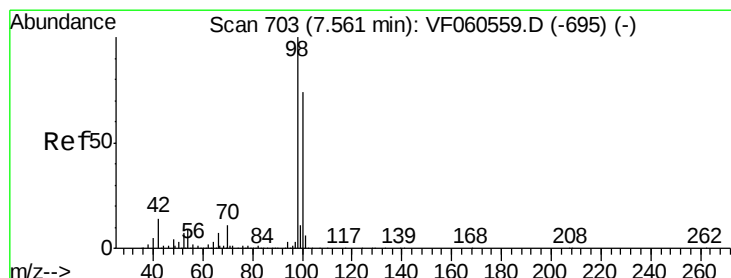
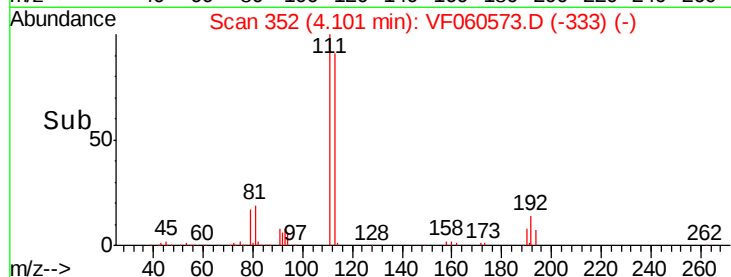
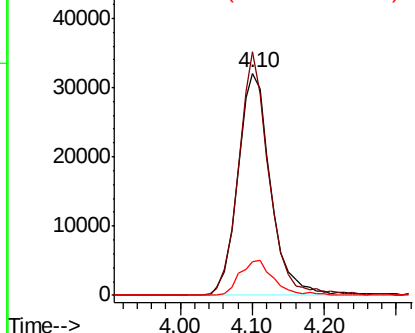
#35
 Dibromofluoromethane
 Concen: 42.811 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF060573.D
 Acq: 5 Nov 2018 15:26

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-SRE

Tot Ion:113 Resp: 101444
 Ion Ratio Lower Upper
 113 100
 111 109.7 79.9 119.9
 192 15.5 13.3 19.9

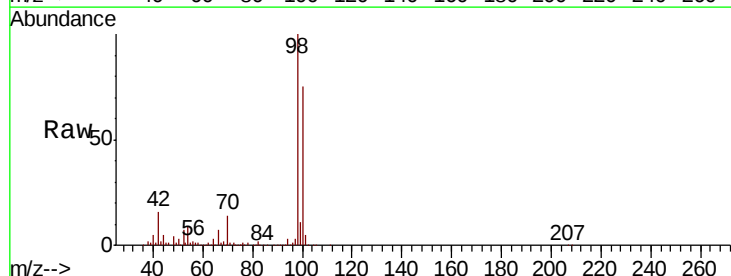


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

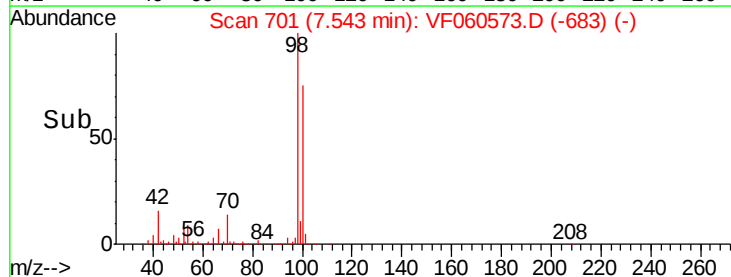
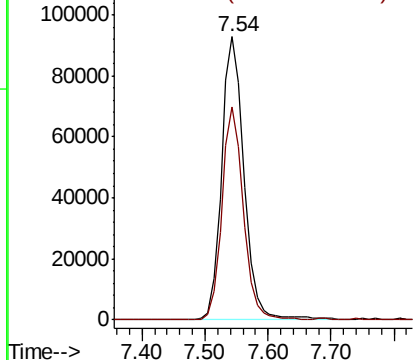


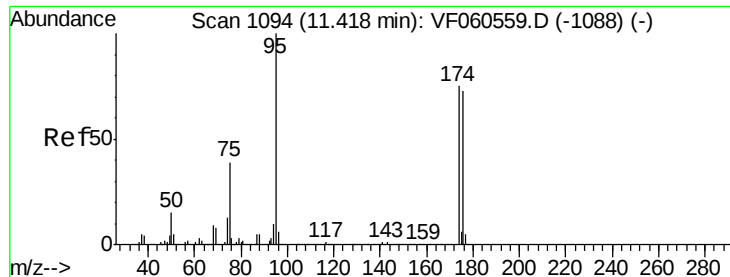
#50
 Toluene-d8
 Concen: 32.687 ug/l
 RT: 7.54 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: VF060573.D
 Acq: 5 Nov 2018 15:26

Tgt Ion: 98 Resp: 229445
 Ion Ratio Lower Upper
 98 100
 100 75.3 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF

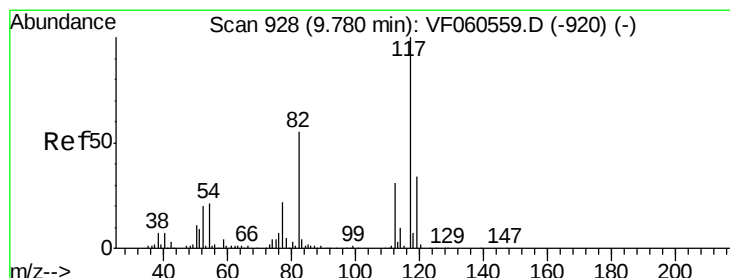
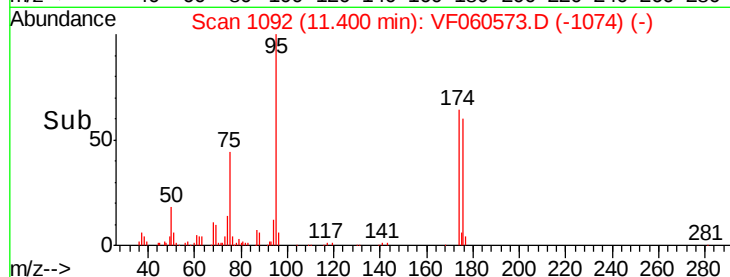
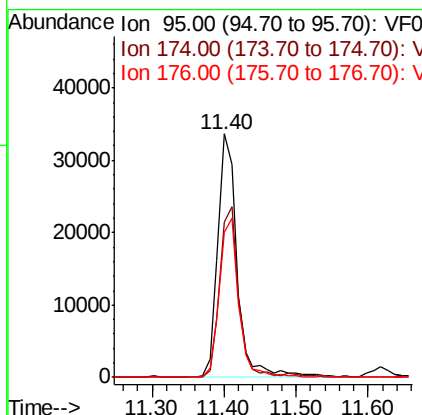
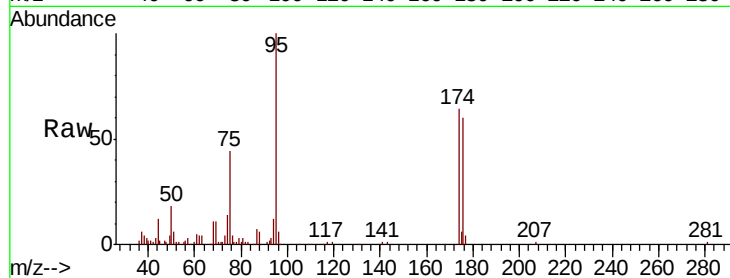




#62
4-Bromofluorobenzene
Concen: 20.375 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060573.D
Acq: 5 Nov 2018 15:26

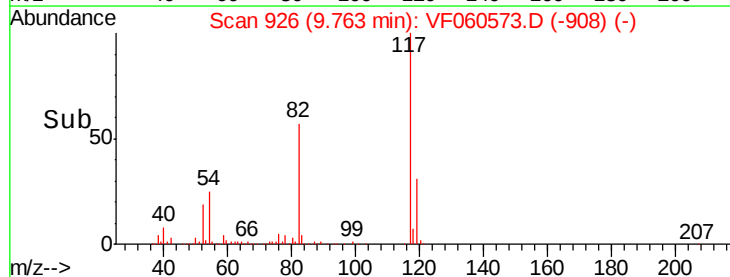
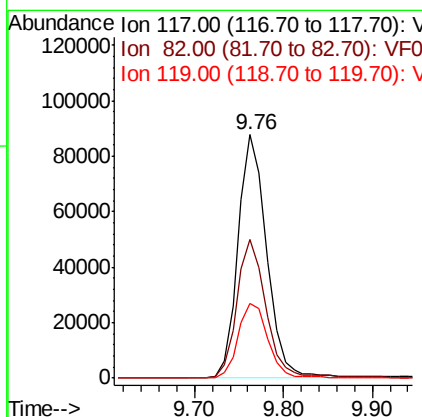
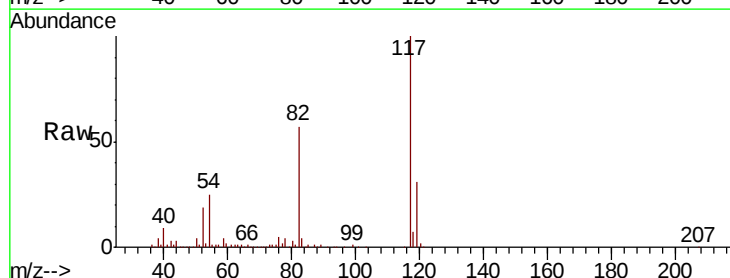
Instrument :
MSVOA_F
ClientSampleId :
TP-1-SRE

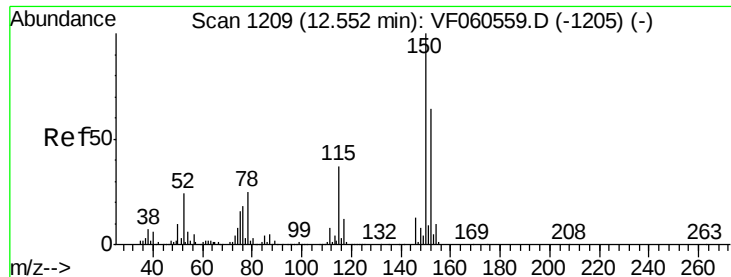
Tot Ion: 95 Resp: 62559
Ion Ratio Lower Upper
95 100
174 64.0 0.0 149.0
176 59.8 0.0 145.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060573.D
Acq: 5 Nov 2018 15:26

Tgt Ion: 117 Resp: 196992
Ion Ratio Lower Upper
117 100
82 56.8 43.9 65.9
119 30.8 27.4 41.0



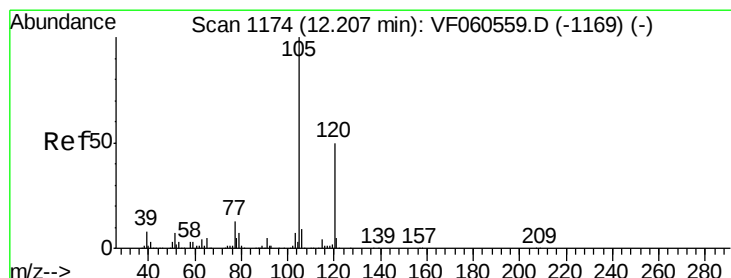
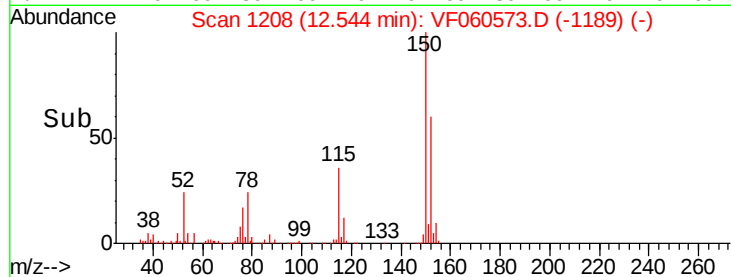
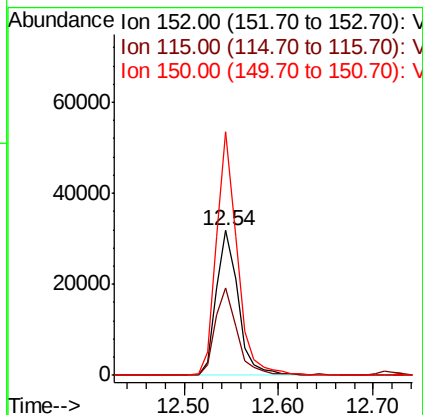
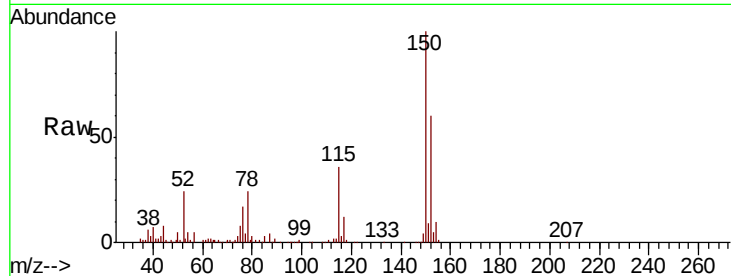


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060573.D
Acq: 5 Nov 2018 15:26

Instrument :
MSVOA_F
ClientSampleId :
TP-1-SRE

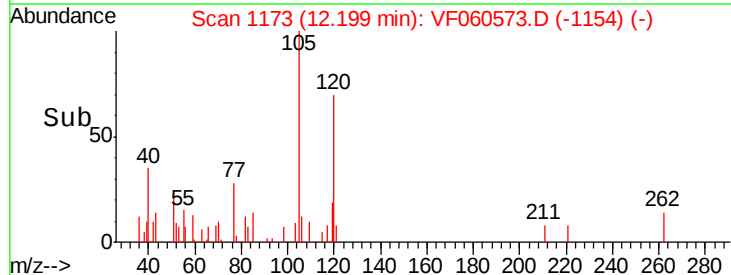
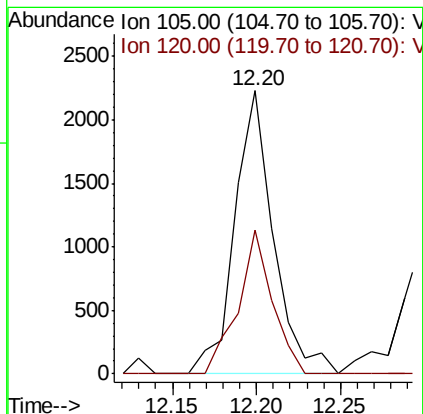
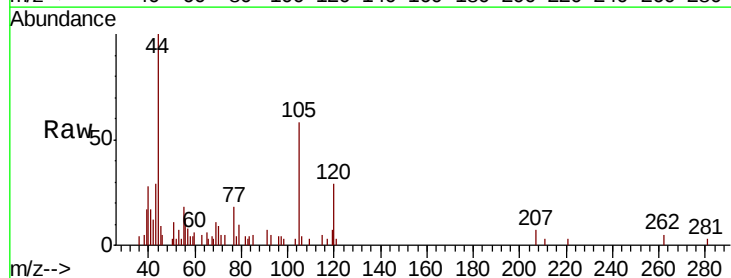
Tot Ion:152 Resp: 51323
Ion Ratio Lower Upper
152 100
115 60.2 29.6 88.8
150 168.0 0.0 315.6

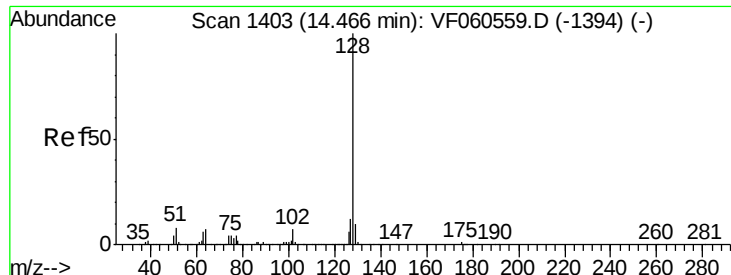


#84

1,2,4-Trimethylbenzene
Concen: 1.104 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VF060573.D
Acq: 5 Nov 2018 15:26

Tgt Ion:105 Resp: 3568
Ion Ratio Lower Upper
105 100
120 51.0 25.6 76.8





#95
 Naphthalene
 Concen: 3.527 ug/l
 RT: 14.45 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: VF060573.D
 Acq: 5 Nov 2018 15:26

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-SRE

Tot Ion:128 Resp: 7713
 Ion Ratio Lower Upper
 128 100
 127 8.3 9.4 14.0#
 129 11.4 8.4 12.6

