

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
 Data File : VF060547.D
 Acq On : 30 Oct 2018 16:19
 Operator : VA/AP
 Sample : J5711-04
 Misc : 5.02/5mL/MSVOA_F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4

Quant Time: Oct 31 05:20:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 30 05:31:58 2018
 Response via : Initial Calibration

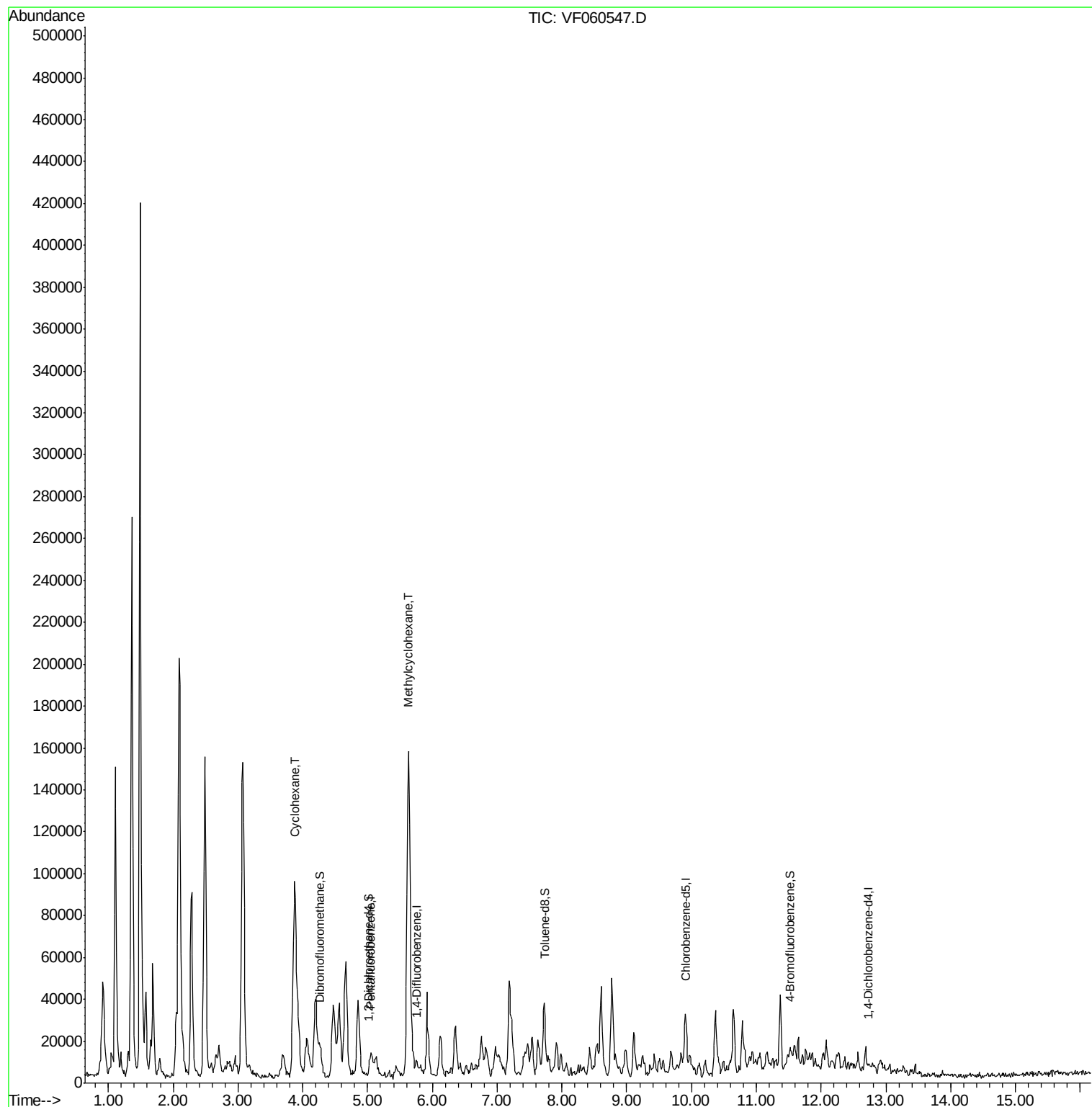
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	4713	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	5721	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	2123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.74	152	109	50.00	ug/l	0.11
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	1681	23.12	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	46.24%	
35) Dibromofluoromethane	4.28	113	2967	54.05	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	108.10%	
50) Toluene-d8	7.72	98	6804	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.51	95	3086	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
31) Cyclohexane	3.87	56	65727	833.91	ug/l	97
39) Methylcyclohexane	5.64	83	87963	1221.99	ug/l	93

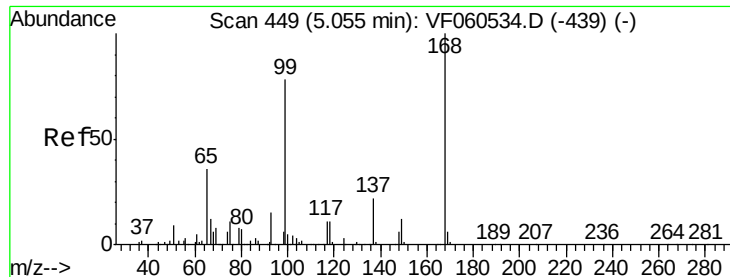
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
Data File : VF060547.D
Acq On : 30 Oct 2018 16:19
Operator : VA/AP
Sample : J5711-04
Misc : 5.02/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-4

Quant Time: Oct 31 05:20:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 30 05:31:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 447

Delta R.T. -0.02 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

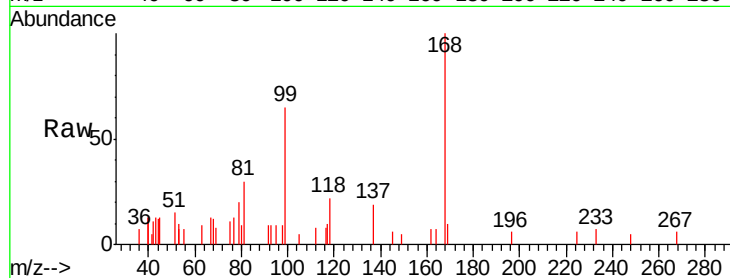
SB-4

Tgt Ion:168 Resp: 4713

Ion Ratio Lower Upper

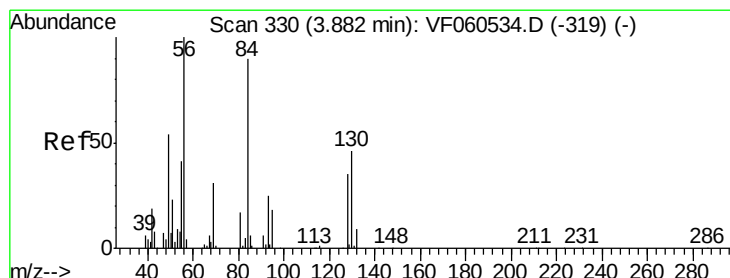
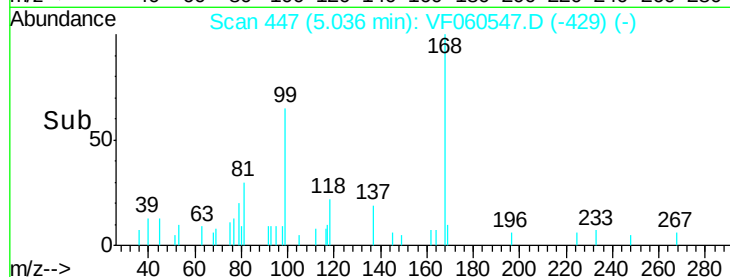
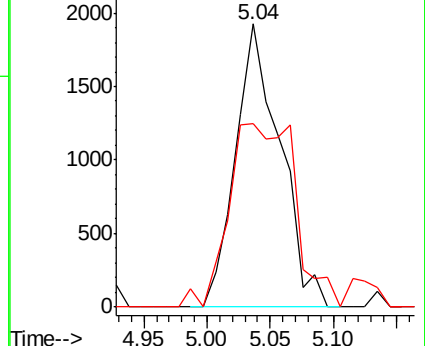
168 100

99 64.8 62.6 93.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#31

Cyclohexane

Concen: 833.91 ug/l

RT: 3.87 min Scan# 329

Delta R.T. -0.01 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

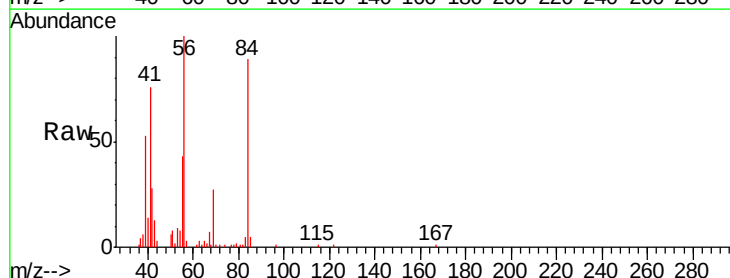
Tgt Ion: 56 Resp: 65727

Ion Ratio Lower Upper

56 100

69 26.9 25.0 37.6

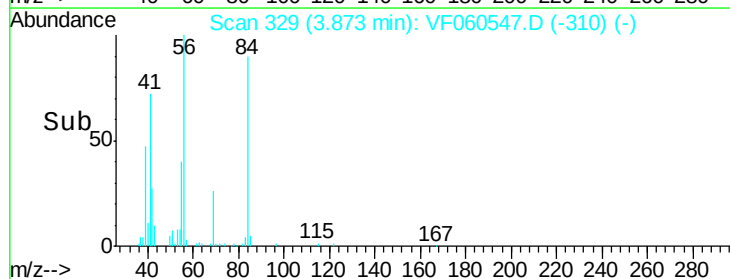
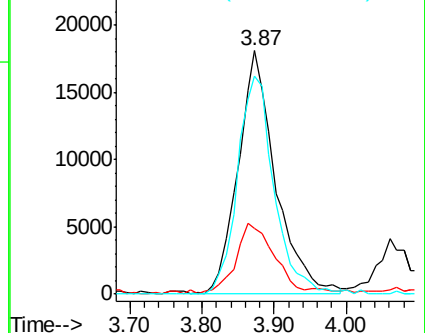
84 89.5 72.1 108.1

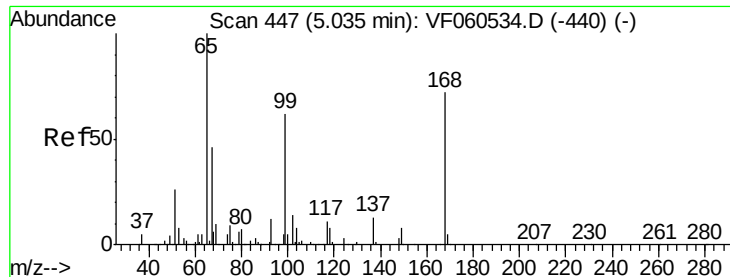


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0

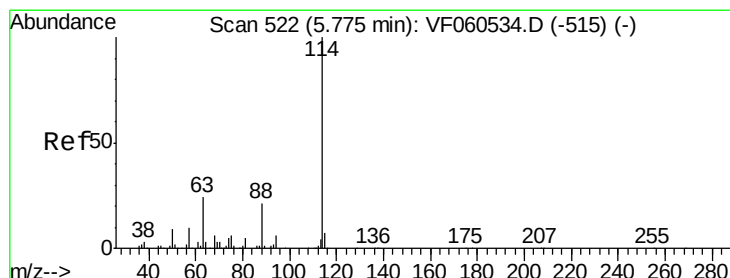
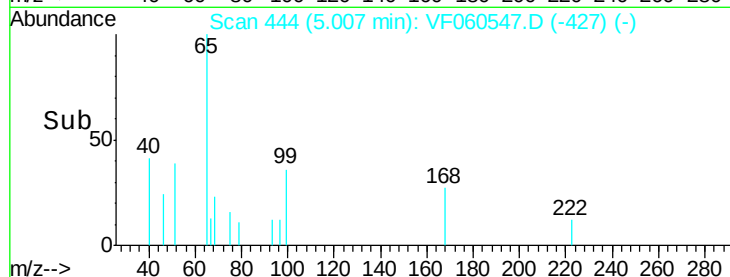
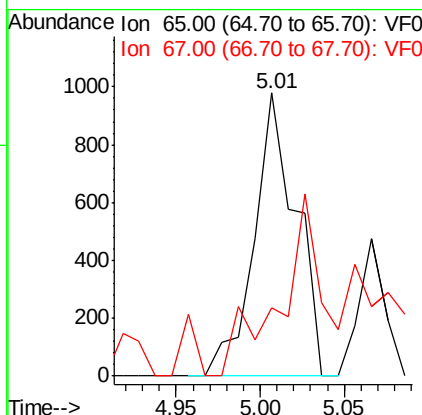
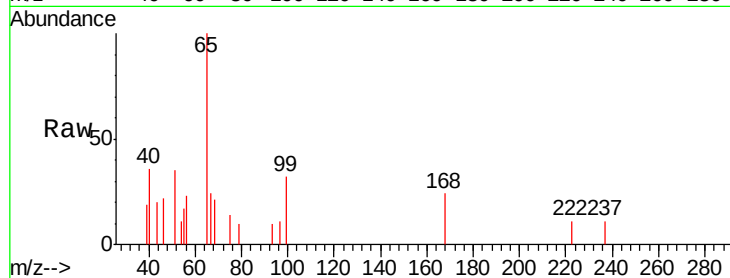




#33
 1,2-Dichloroethane-d4
 Concen: 23.12 ug/l
 RT: 5.01 min Scan# 444
 Delta R.T. -0.03 min
 Lab File: VF060547.D
 Acq: 30 Oct 2018 16:19

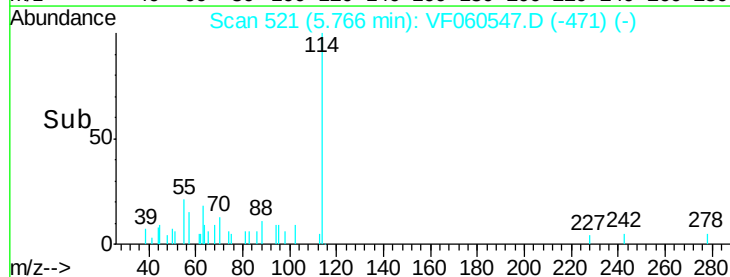
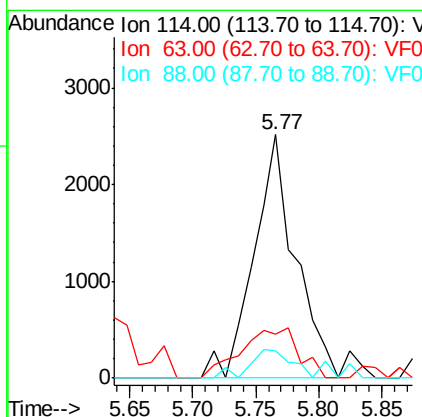
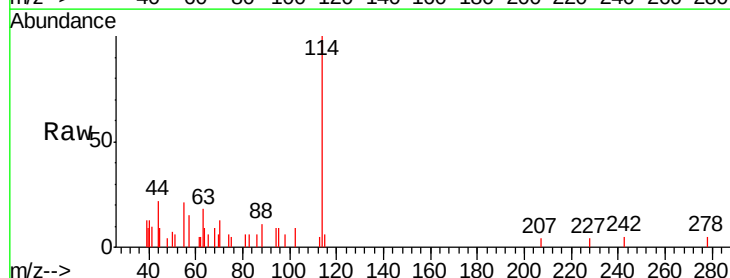
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4

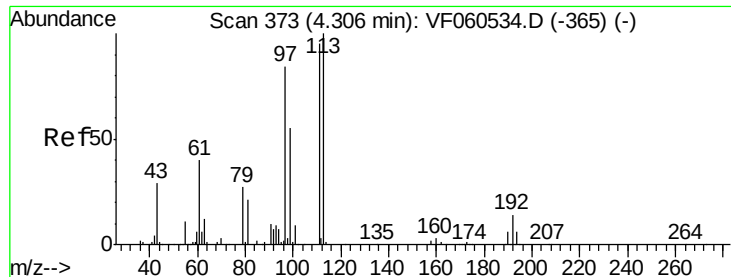
Tgt Ion: 65 Resp: 1681
 Ion Ratio Lower Upper
 65 100
 67 24.3 0.0 94.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: VF060547.D
 Acq: 30 Oct 2018 16:19

Tgt Ion: 114 Resp: 5721
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 48.0
 88 11.5 0.0 42.0





#35

Dibromofluoromethane

Concen: 54.05 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.03 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

Instrument :

MSVOA_F

ClientSampled :

SB-4

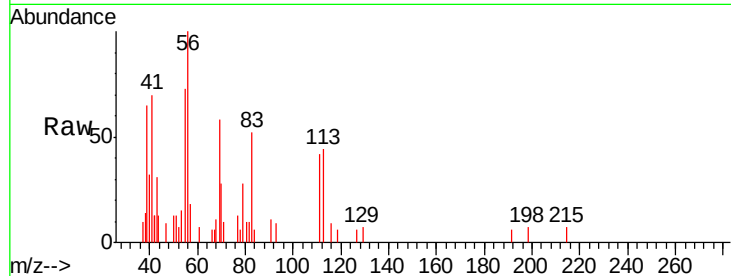
Tgt Ion:113 Resp: 2967

Ion Ratio Lower Upper

113 100

111 97.0 75.9 113.9

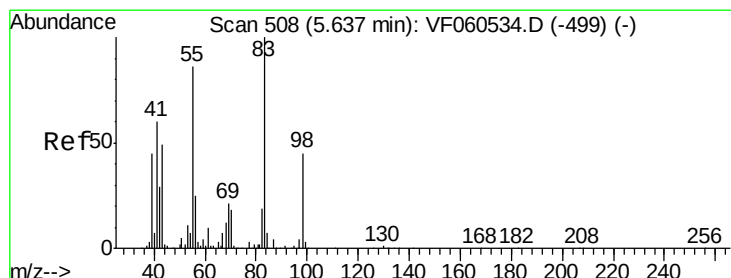
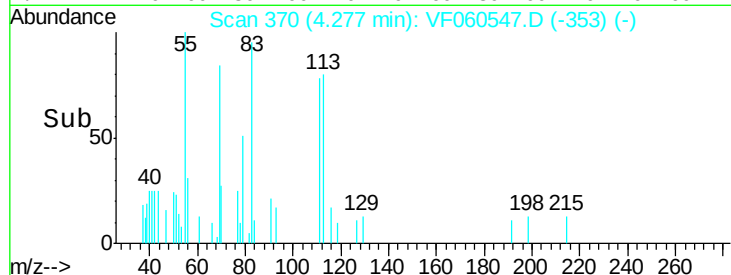
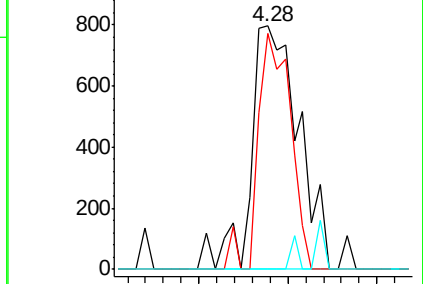
192 0.0 11.2 16.8#



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



#39

Methylcyclohexane

Concen: 1221.99 ug/l

RT: 5.64 min Scan# 508

Delta R.T. 0.00 min

Lab File: VF060547.D

Acq: 30 Oct 2018 16:19

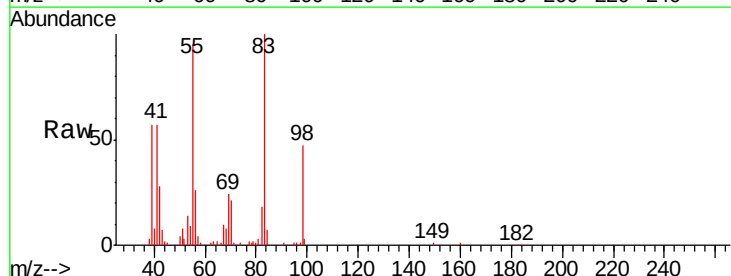
Tgt Ion: 83 Resp: 87963

Ion Ratio Lower Upper

83 100

55 95.2 69.0 103.4

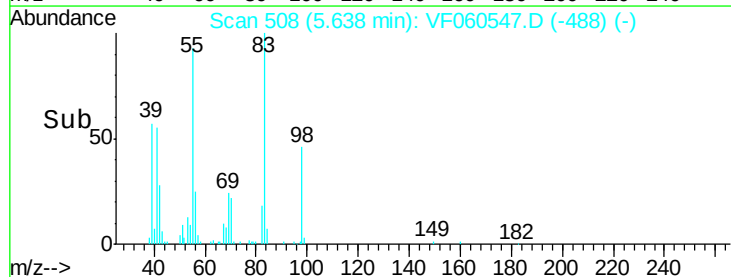
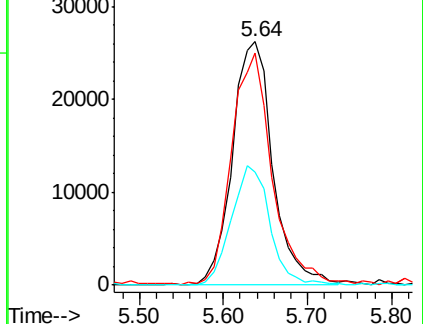
98 46.5 36.1 54.1

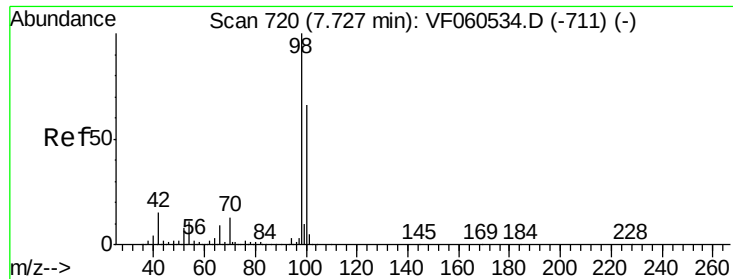


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

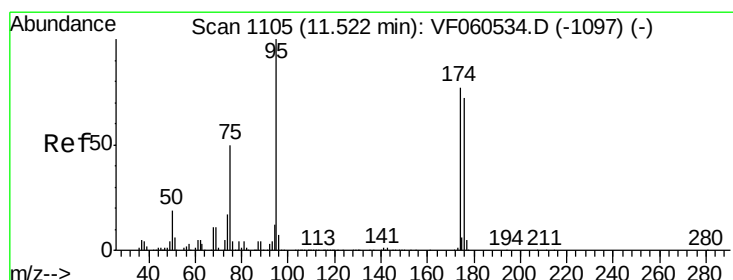
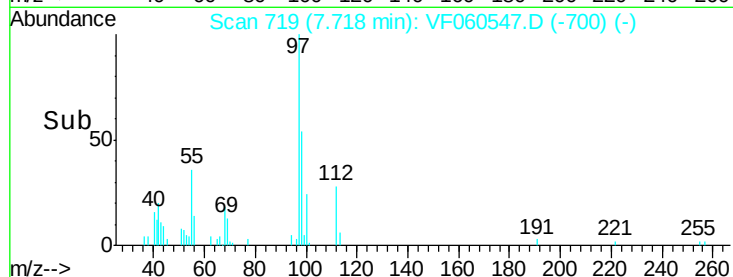
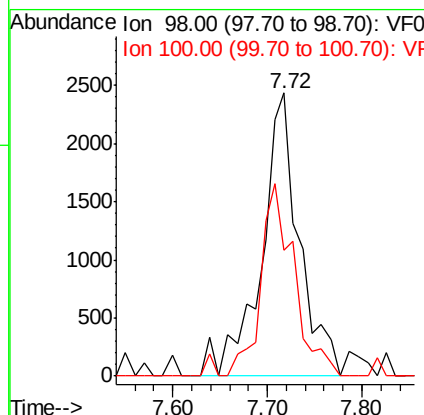
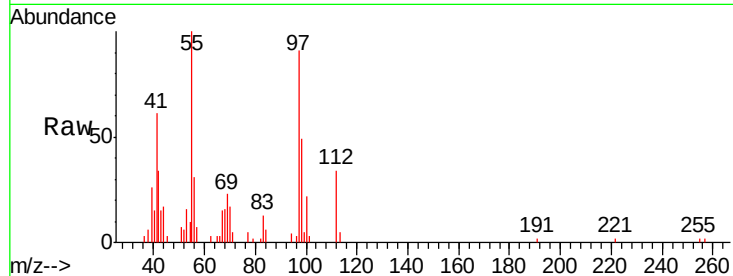




#50
Toluene-d8
Concen: 50.75 ug/l
RT: 7.72 min Scan# 719
Delta R.T. -0.01 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

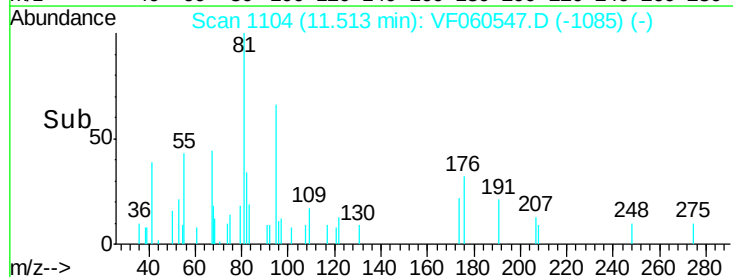
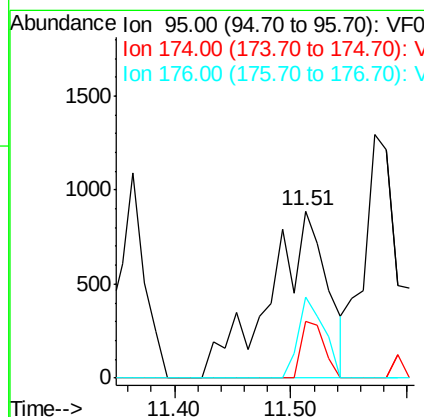
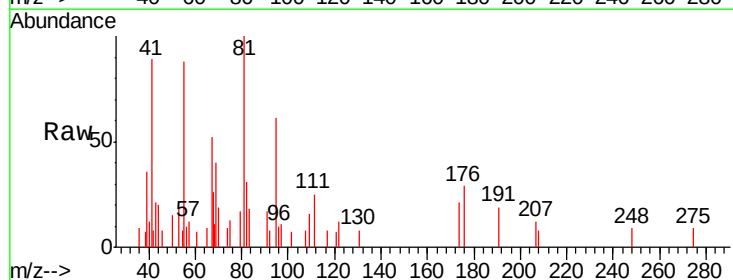
Instrument :
MSVOA_F
ClientSampled :
SB-4

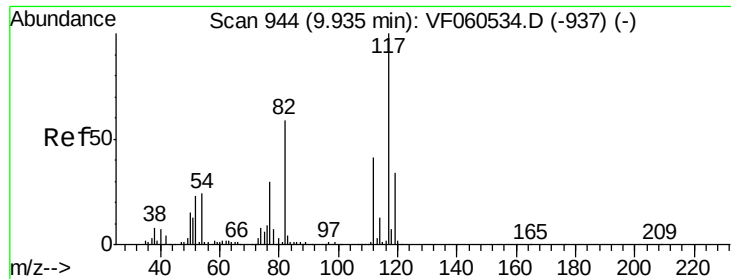
Tgt Ion: 98 Resp: 6804
Ion Ratio Lower Upper
98 100
100 44.3 53.0 79.6#



#62
4-Bromofluorobenzene
Concen: 49.96 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion: 95 Resp: 3086
Ion Ratio Lower Upper
95 100
174 34.0 0.0 153.8
176 48.7 0.0 143.6

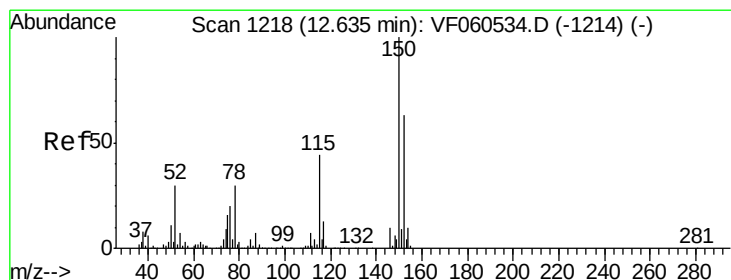
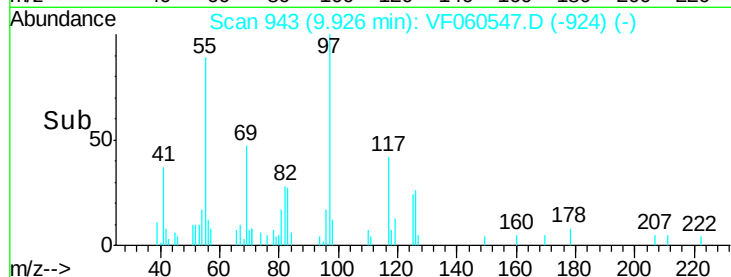
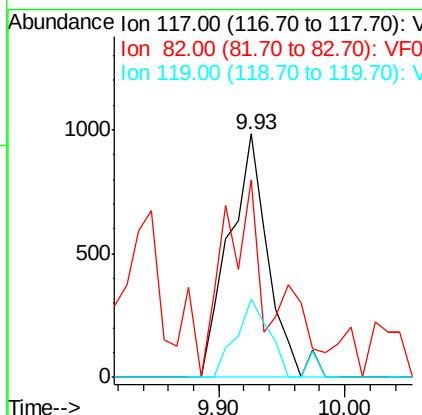
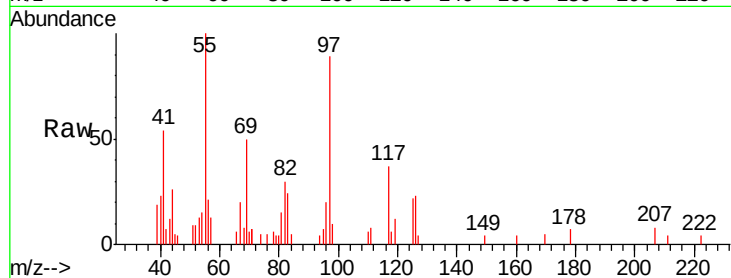




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.01 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Instrument :
MSVOA_F
ClientSampled :
SB-4

Tgt Ion:117 Resp: 2123
Ion Ratio Lower Upper
117 100
82 81.3 47.6 71.4#
119 32.3 27.3 40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.74 min Scan# 1229
Delta R.T. 0.11 min
Lab File: VF060547.D
Acq: 30 Oct 2018 16:19

Tgt Ion:152 Resp: 109
Ion Ratio Lower Upper
152 100
115 0.0 34.7 104.1#
150 66.5 0.0 318.4

