

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060257.D
 Acq On : 31 Oct 2018 22:31
 Operator : VA/AP
 Sample : J5734-04
 Misc : 5.29g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-22(4-6)

Quant Time: Nov 01 01:02:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

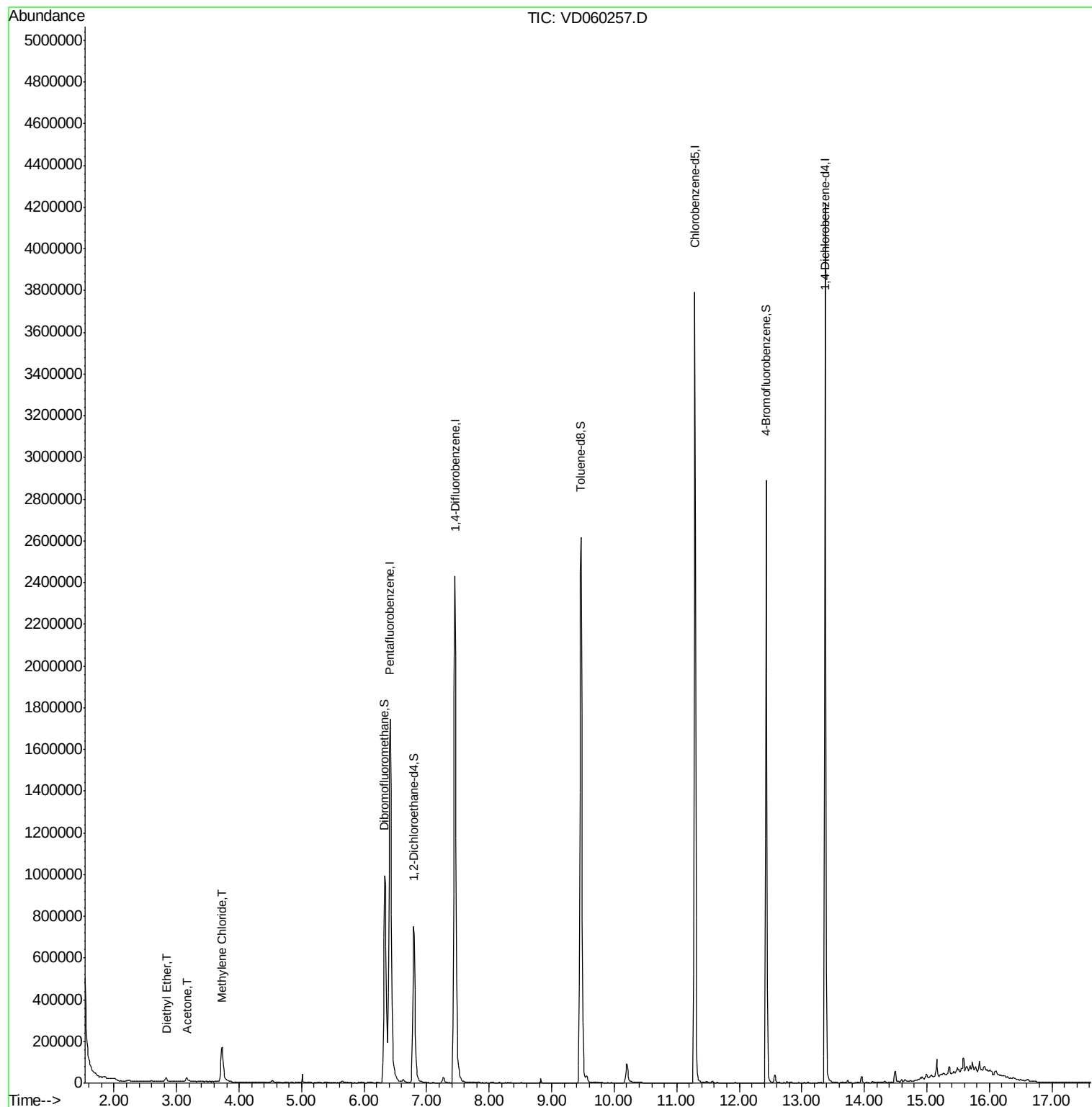
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1743211	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2567428	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	2026604	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	970988	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	645533	48.85	ug/l	0.03
Spiked Amount 50.000			Recovery	=	97.70%	
35) Dibromofluoromethane	6.33	113	805337	41.31	ug/l	0.03
Spiked Amount 50.000			Recovery	=	82.62%	
50) Toluene-d8	9.47	98	2205850	39.68	ug/l	0.03
Spiked Amount 50.000			Recovery	=	79.36%	
62) 4-Bromofluorobenzene	12.43	95	804057	38.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.26%	
Target Compounds						
8) Diethyl Ether	2.84	74	6148	2.064	ug/l	92
16) Acetone	3.16	43	32621	13.605	ug/l	98
20) Methylene Chloride	3.73	84	108949	1.611	ug/l	97

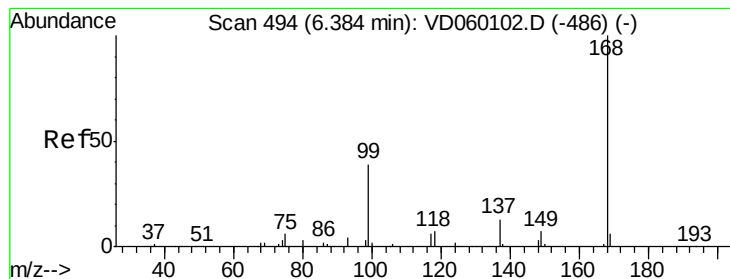
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103118\
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

Instrument :

MSVOA_D

ClientSampleId :

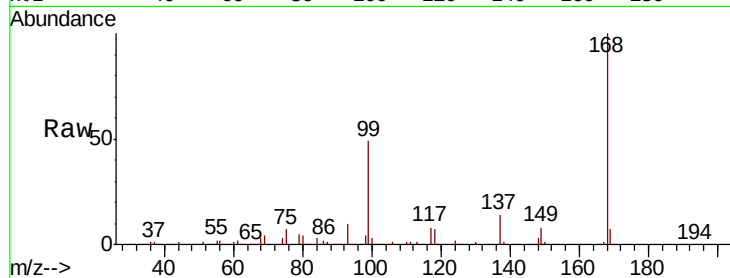
B-22(4-6)

Tot Ion:168 Resp: 1743211

Ion Ratio Lower Upper

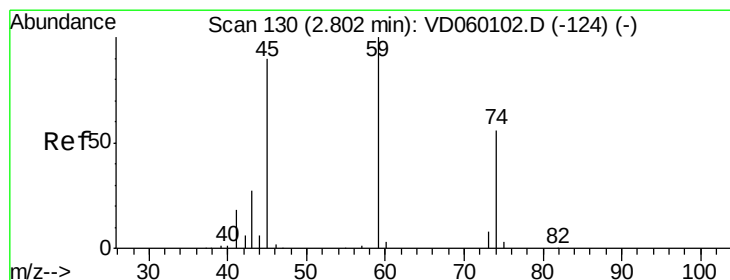
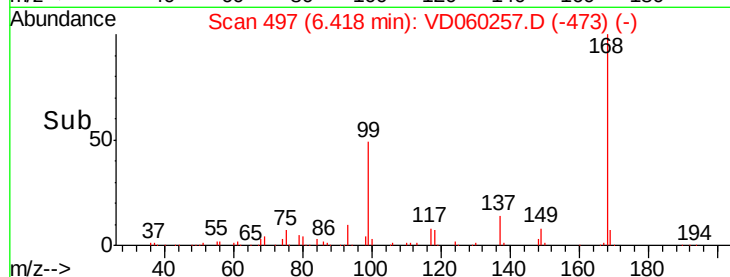
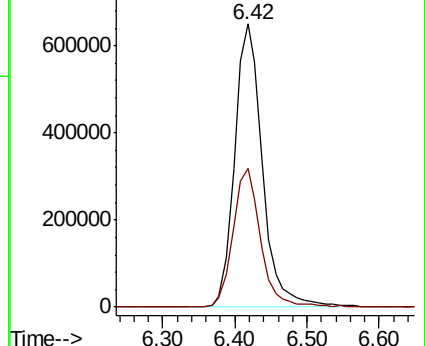
168 100

99 49.2 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 2.064 ug/l

RT: 2.84 min Scan# 133

Delta R.T. 0.03 min

Lab File: VD060257.D

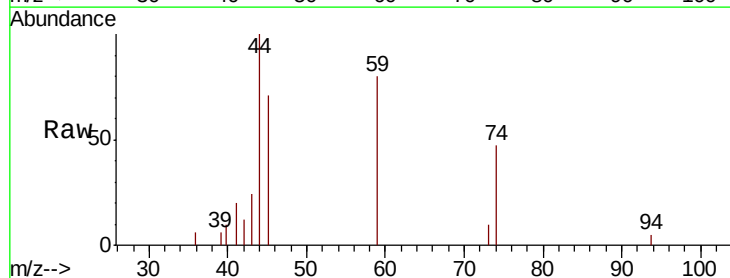
Acq: 31 Oct 2018 22:31

Tgt Ion: 74 Resp: 6148

Ion Ratio Lower Upper

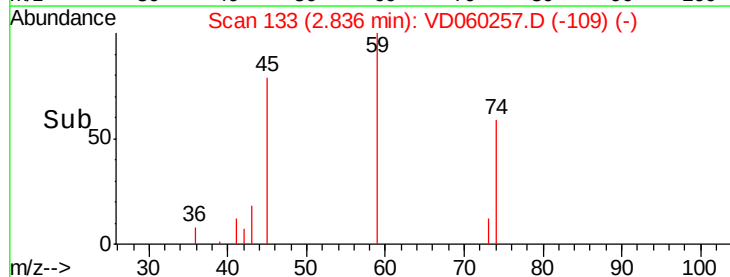
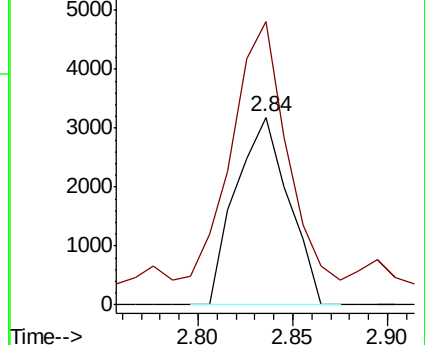
74 100

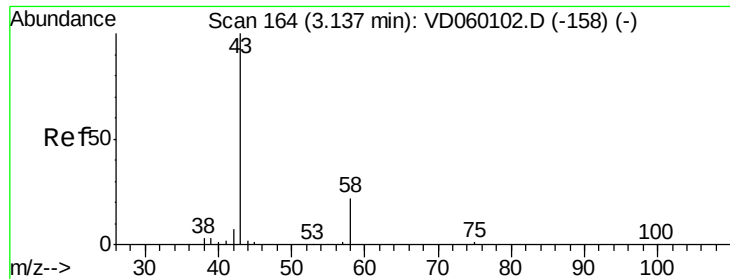
45 150.7 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 13.605 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

Instrument :

MSVOA_D

ClientSampleId :

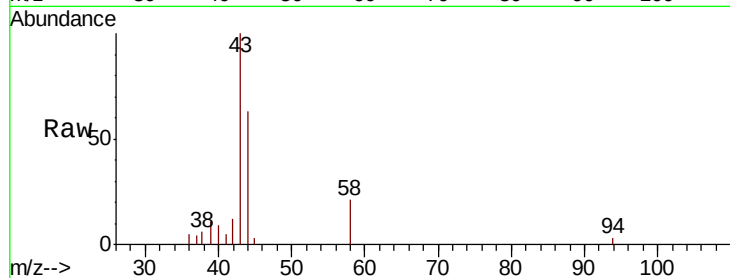
B-22(4-6)

Tot Ion: 43 Resp: 32621

Ion Ratio Lower Upper

43 100

58 21.3 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

12000

10000

8000

6000

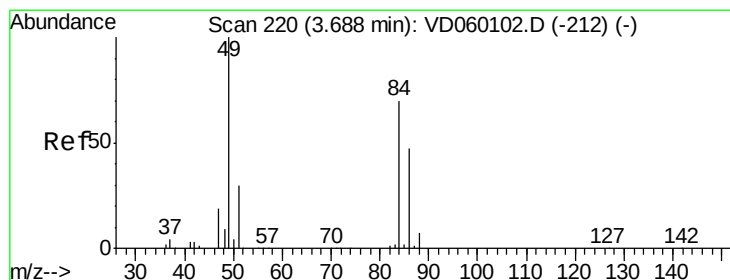
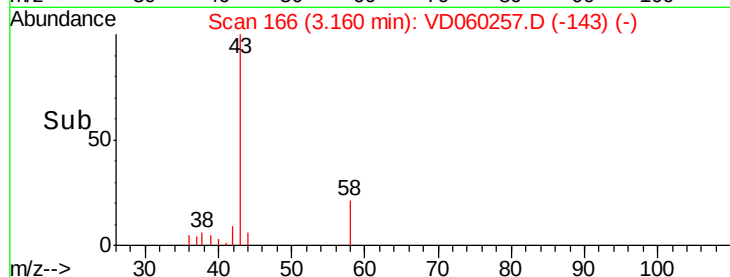
4000

2000

0

3.10 3.16 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 1.611 ug/l

RT: 3.73 min Scan# 224

Delta R.T. 0.04 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

Tgt Ion: 84 Resp: 108949

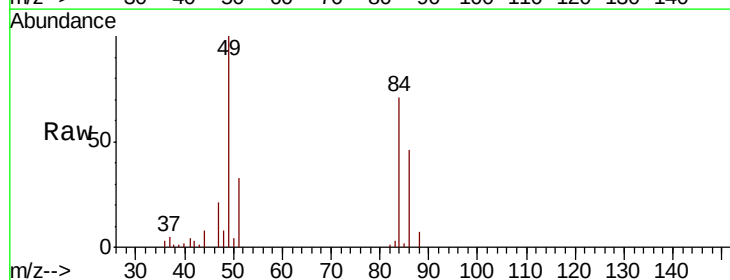
Ion Ratio Lower Upper

84 100

49 141.2 114.6 172.0

51 46.8 33.8 50.8

86 64.8 53.3 79.9



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

80000

60000

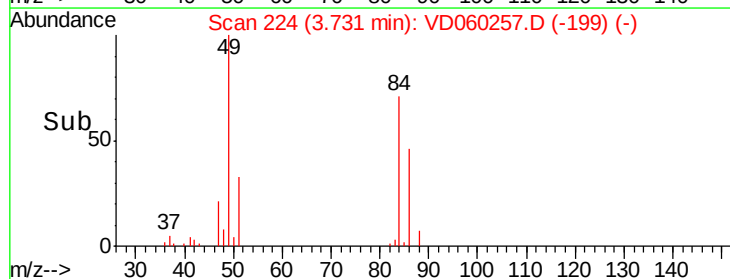
40000

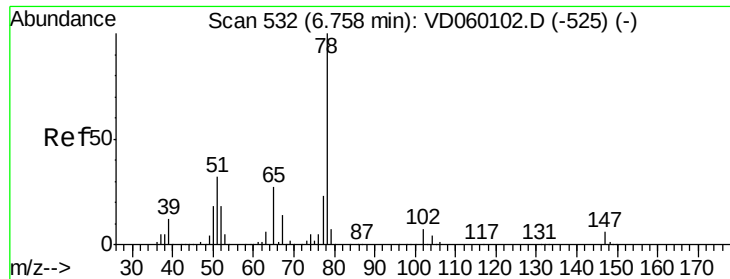
20000

0

3.60 3.70 3.73 3.80 3.90

Time-->

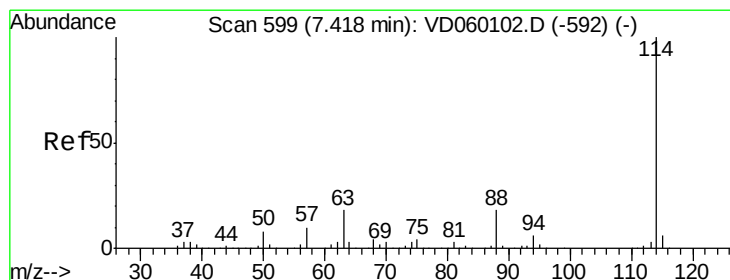
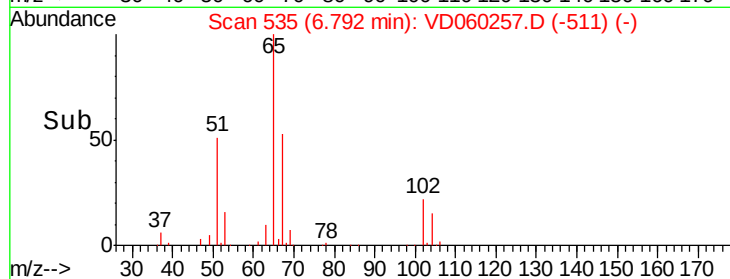
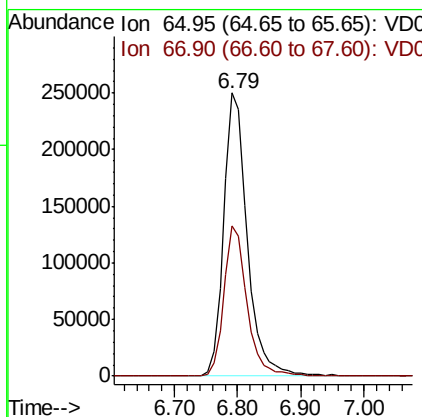
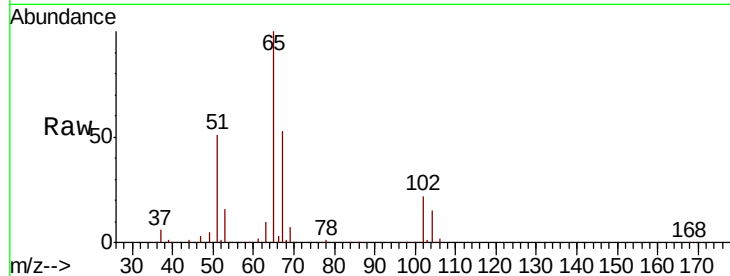




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VD060257.D
 Acq: 31 Oct 2018 22:31

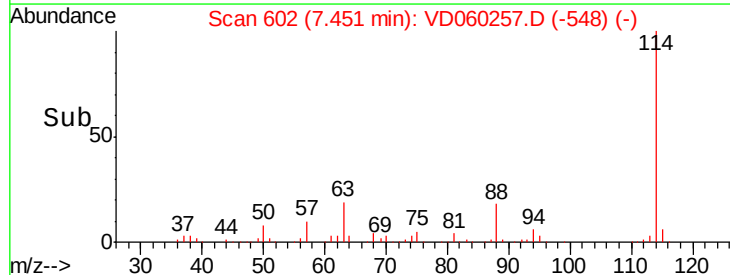
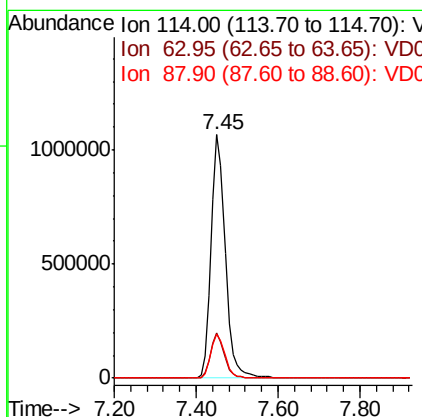
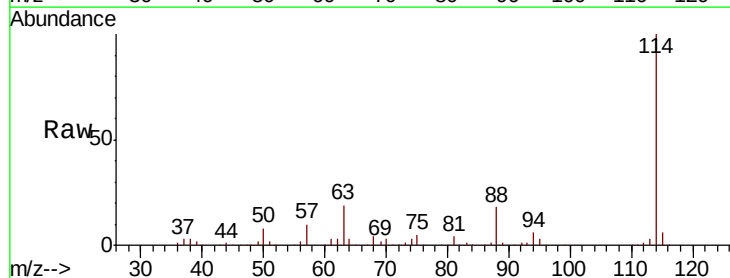
Instrument :
 MSVOA_D
 ClientSampleId :
 B-22(4-6)

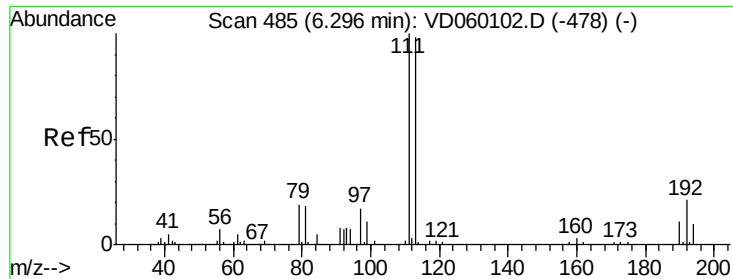
Tot Ion: 65 Resp: 645533
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060257.D
 Acq: 31 Oct 2018 22:31

Tgt Ion: 114 Resp: 2567428
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.0
 88 18.1 0.0 36.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 488

Delta R.T. 0.03 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

Instrument :

MSVOA_D

ClientSampleId :

B-22(4-6)

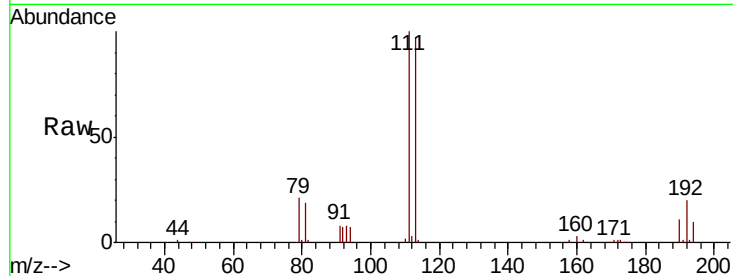
Tot Ion:113 Resp: 805337

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

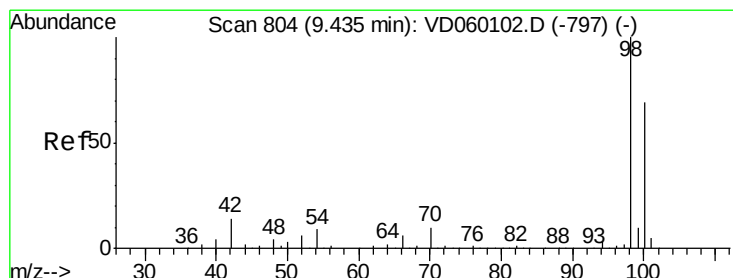
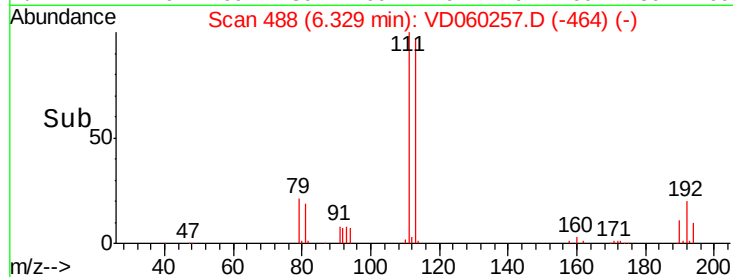
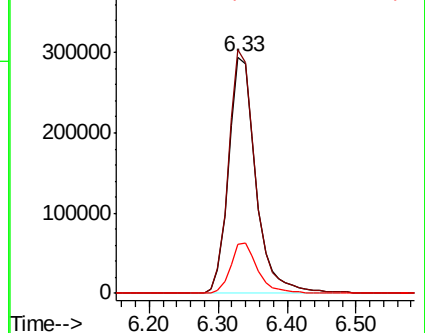
192 20.6 17.4 26.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.47 min Scan# 807

Delta R.T. 0.03 min

Lab File: VD060257.D

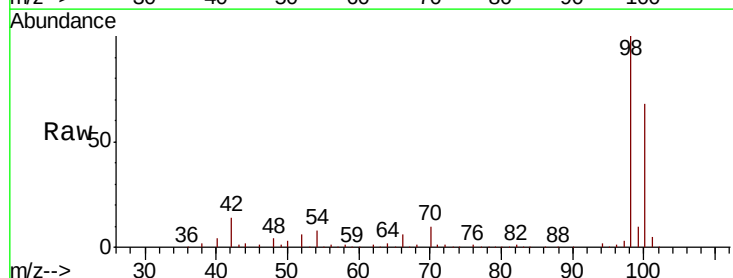
Acq: 31 Oct 2018 22:31

Tgt Ion: 98 Resp: 2205850

Ion Ratio Lower Upper

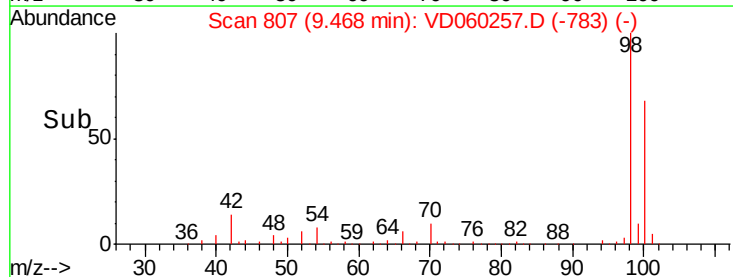
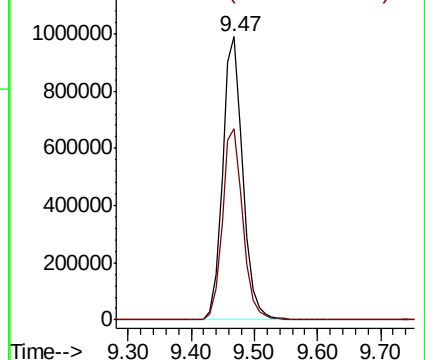
98 100

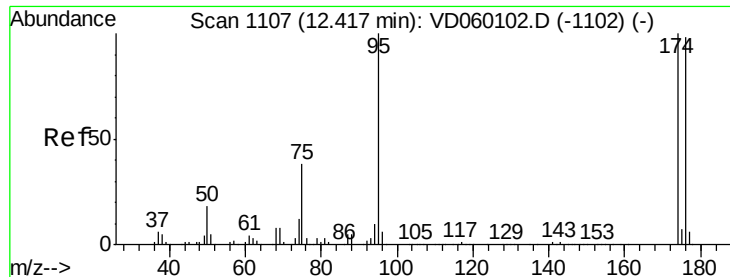
100 67.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

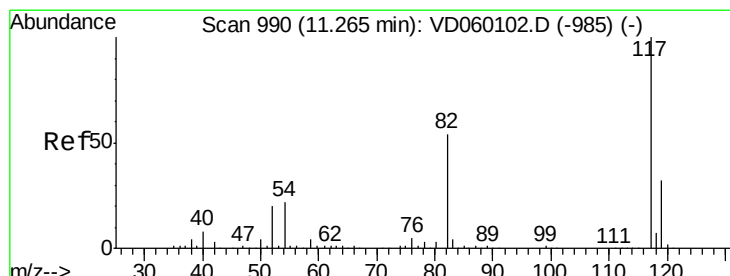
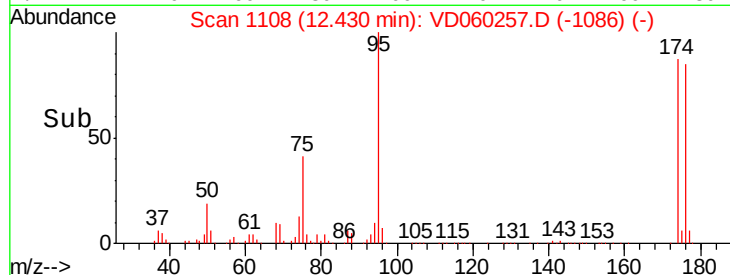
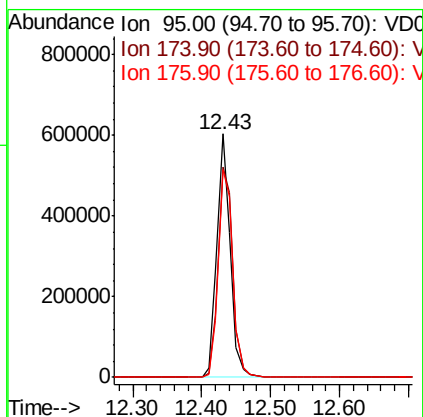
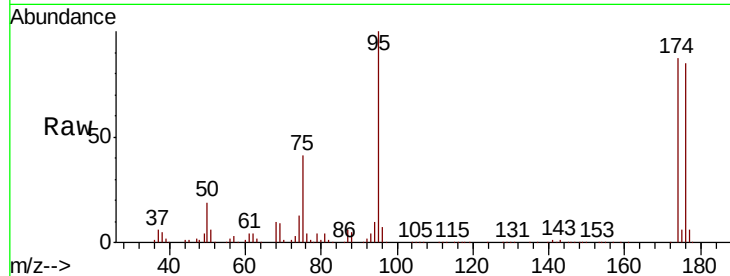




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060257.D
Acq: 31 Oct 2018 22:31

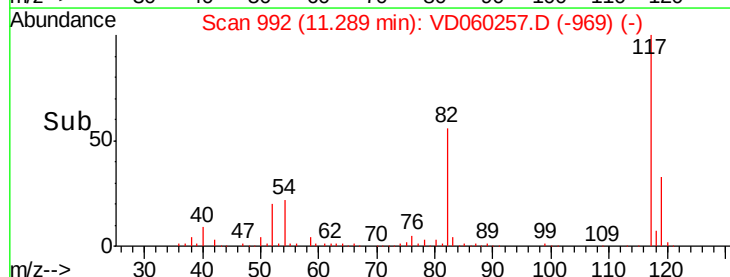
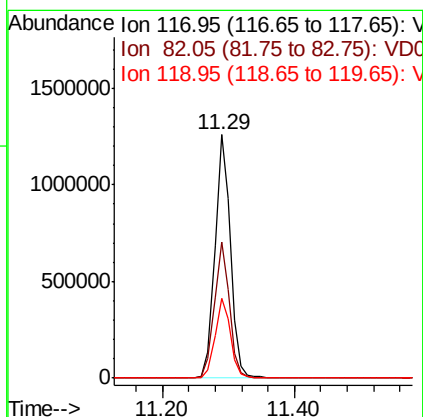
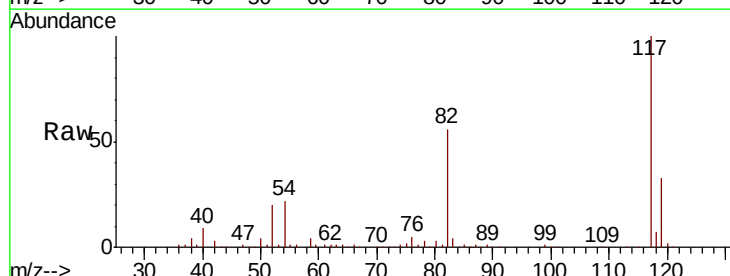
Instrument :
MSVOA_D
ClientSampleId :
B-22(4-6)

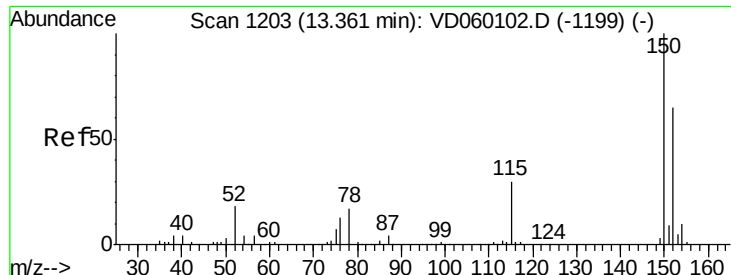
Tot Ion: 95 Resp: 804057
Ion Ratio Lower Upper
95 100
174 86.6 0.0 200.2
176 85.3 0.0 195.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060257.D
Acq: 31 Oct 2018 22:31

Tgt Ion: 117 Resp: 2026604
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.2
119 32.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060257.D

Acq: 31 Oct 2018 22:31

Instrument :

MSVOA_D

ClientSampleId :

B-22(4-6)

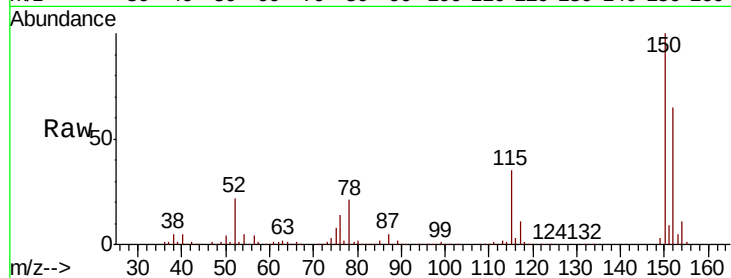
Tot Ion:152 Resp: 970988

Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.2

150 154.8 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

