

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060246.D
 Acq On : 31 Oct 2018 17:20
 Operator : VA/AP
 Sample : J5202-07
 Misc : 5.82g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-103018-A

Quant Time: Nov 01 00:32:36 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

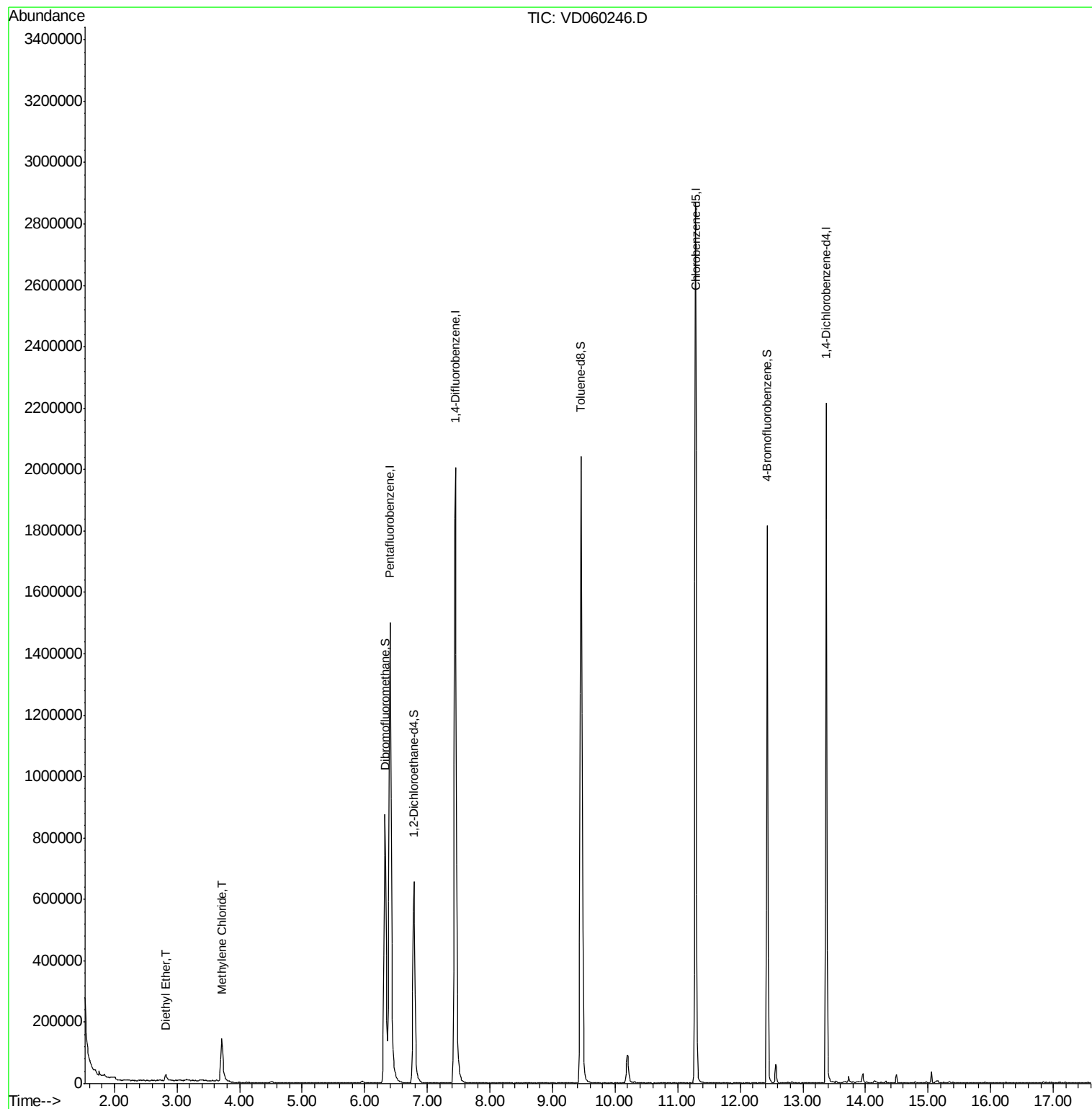
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1507555	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2125337	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1534657	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	545465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	546593	47.83	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.66%	
35) Dibromofluoromethane	6.32	113	688887	42.68	ug/l	0.03
Spiked Amount 50.000			Recovery	=	85.36%	
50) Toluene-d8	9.45	98	1732527	37.65	ug/l	0.02
Spiked Amount 50.000			Recovery	=	75.30%	
62) 4-Bromofluorobenzene	12.43	95	544655	31.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.22%	
Target Compounds						
8) Diethyl Ether	2.82	74	6876	2.669	ug/l	95
20) Methylene Chloride	3.72	84	88271	1.212	ug/l	96

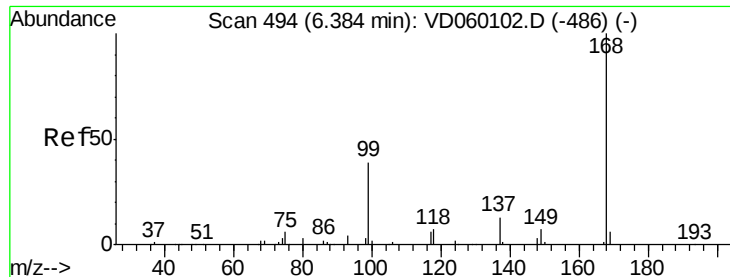
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060246.D

Acq: 31 Oct 2018 17:20

Instrument :

MSVOA_D

ClientSampleId :

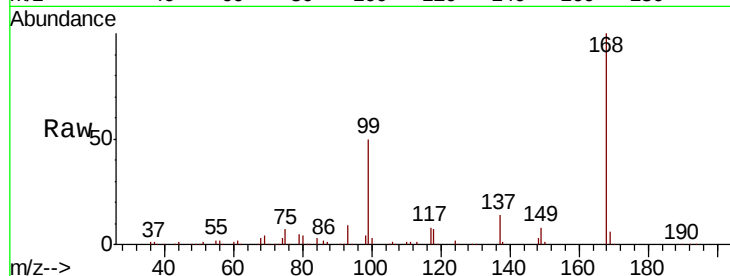
PL-02-103018-A

Tot Ion:168 Resp: 1507555

Ion Ratio Lower Upper

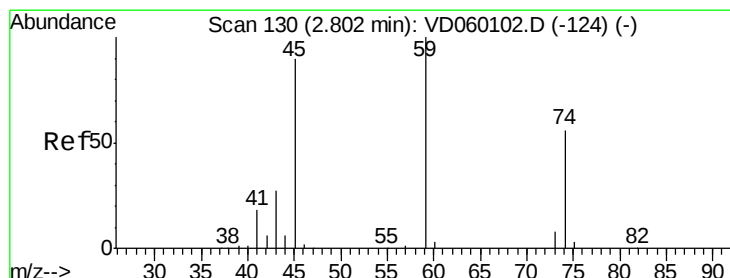
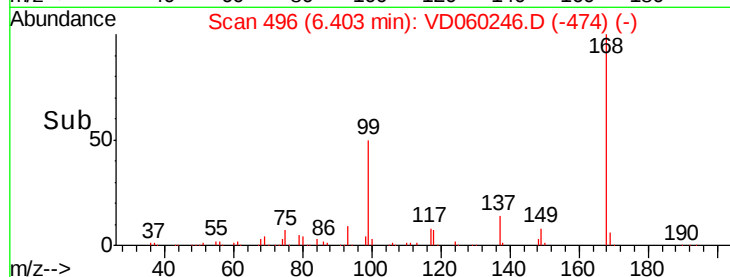
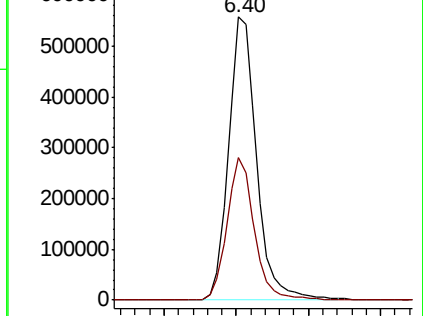
168 100

99 50.2 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: 2.669 ug/l

RT: 2.82 min Scan# 132

Delta R.T. 0.02 min

Lab File: VD060246.D

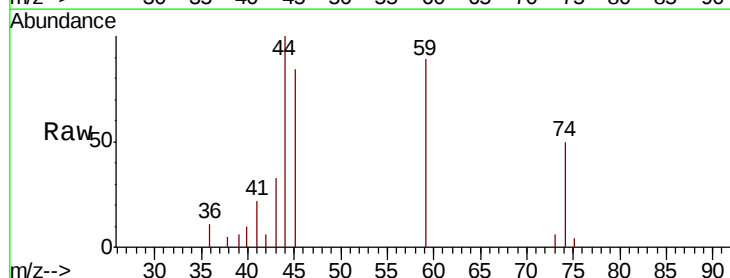
Acq: 31 Oct 2018 17:20

Tgt Ion: 74 Resp: 6876

Ion Ratio Lower Upper

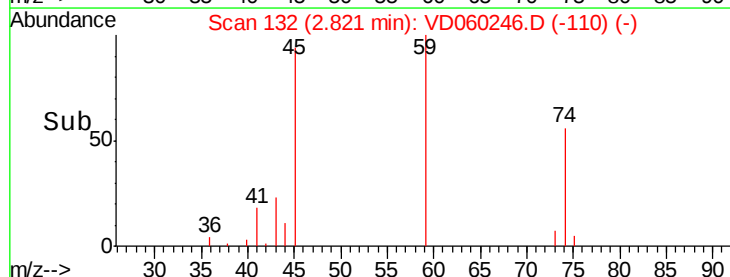
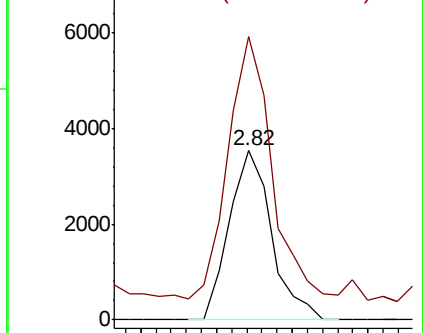
74 100

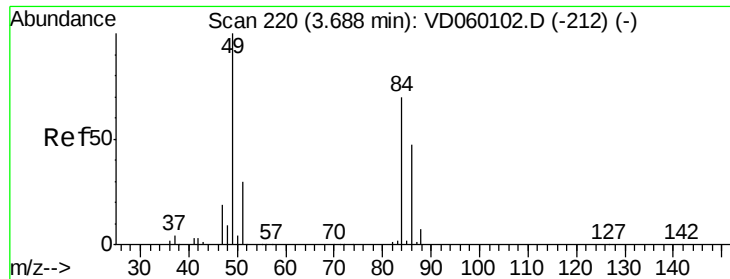
45 167.3 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

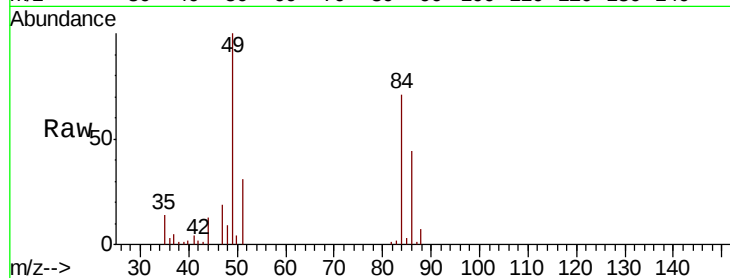




#20
Methylene Chloride
Concen: 1.212 ug/l
RT: 3.72 min Scan# 223
Delta R.T. 0.03 min
Lab File: VD060246.D
Acq: 31 Oct 2018 17:20

Instrument :
MSVOA_D
ClientSampleId :
PL-02-103018-A

Tot Ion:	84	Resp:	88271
Ion	Ratio	Lower	Upper
84	100		
49	140.3	114.6	172.0
51	43.8	33.8	50.8
86	61.0	53.3	79.9



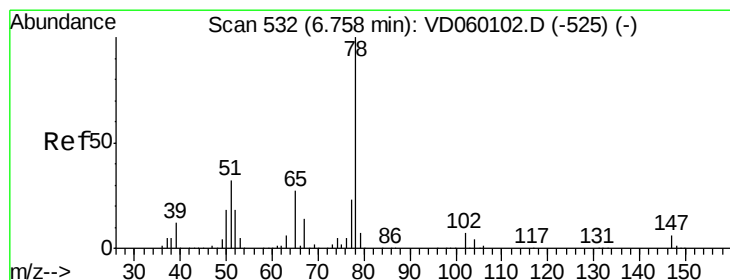
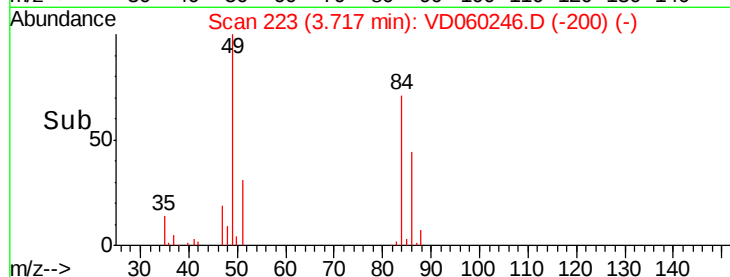
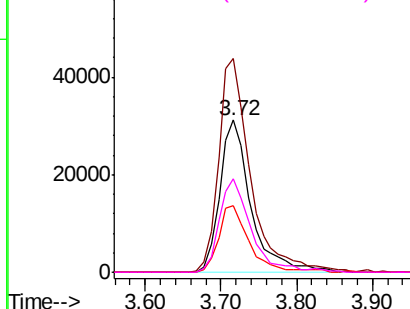
Abundance

Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

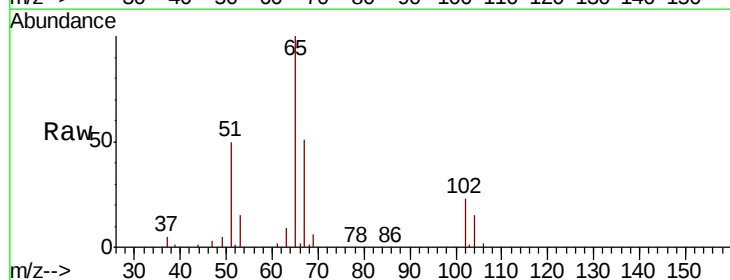
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060246.D
Acq: 31 Oct 2018 17:20

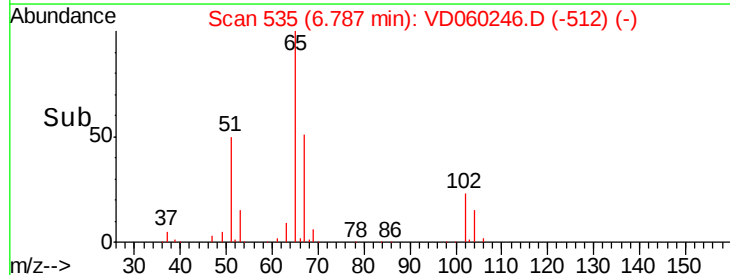
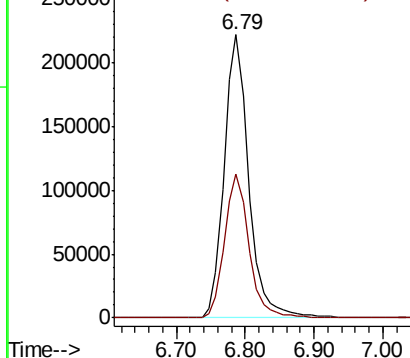
Tgt Ion:	65	Resp:	546593
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	106.2

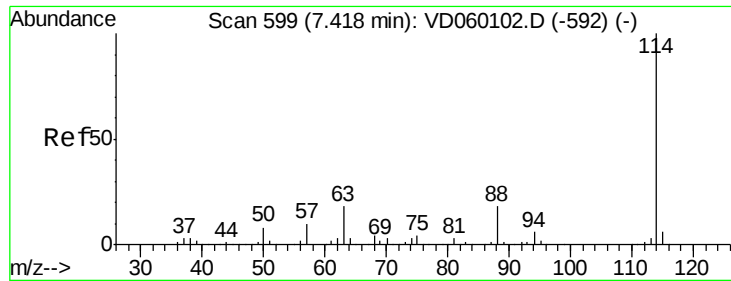


Abundance

Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.45 min Scan# 602

Delta R.T. 0.03 min

Lab File: VD060246.D

Acq: 31 Oct 2018 17:20

Instrument :

MSVOA_D

ClientSampleId :

PL-02-103018-A

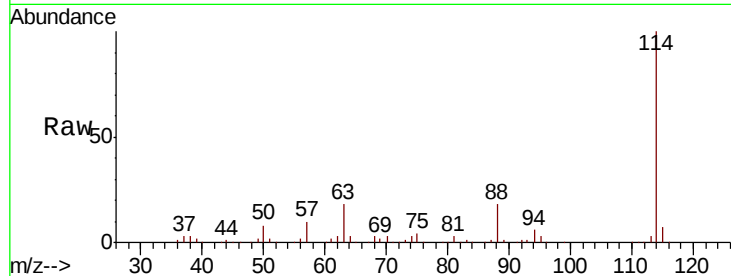
Tot Ion:114 Resp: 2125337

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.0

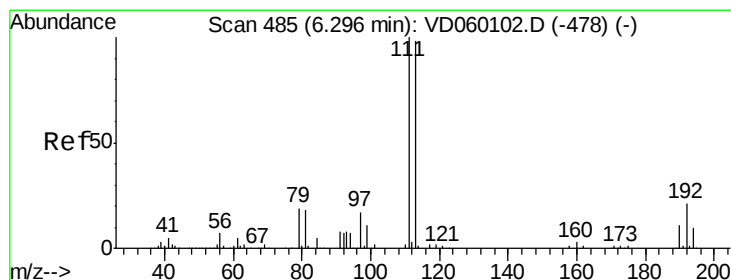
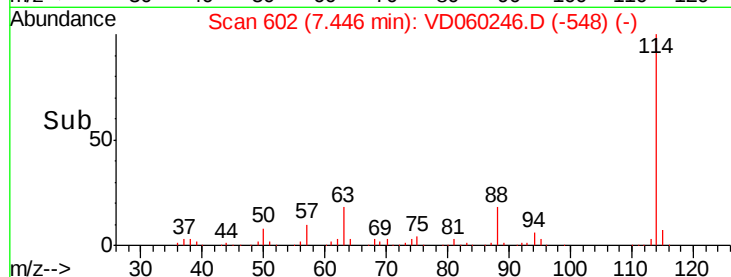
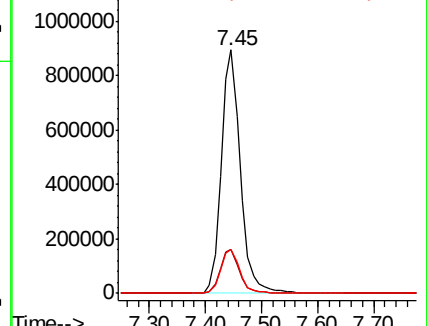
88 18.2 0.0 36.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 488

Delta R.T. 0.03 min

Lab File: VD060246.D

Acq: 31 Oct 2018 17:20

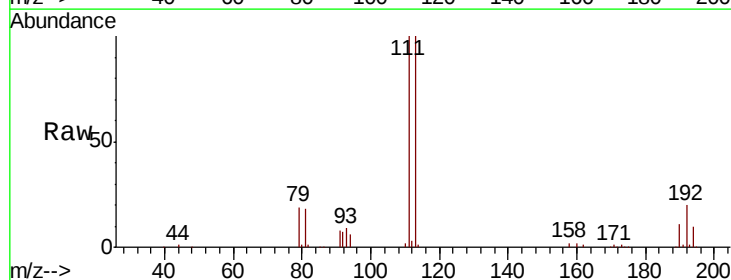
Tgt Ion:113 Resp: 688887

Ion Ratio Lower Upper

113 100

111 100.1 81.5 122.3

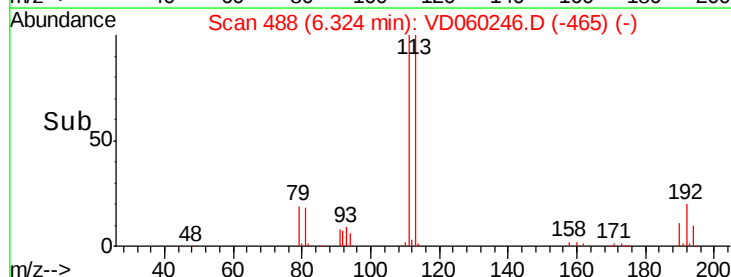
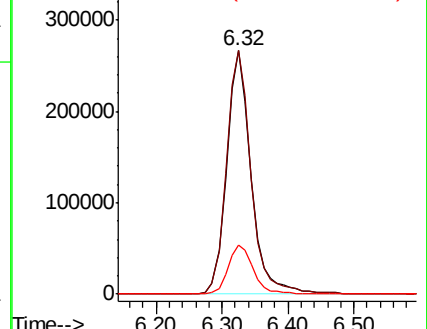
192 20.1 17.4 26.0

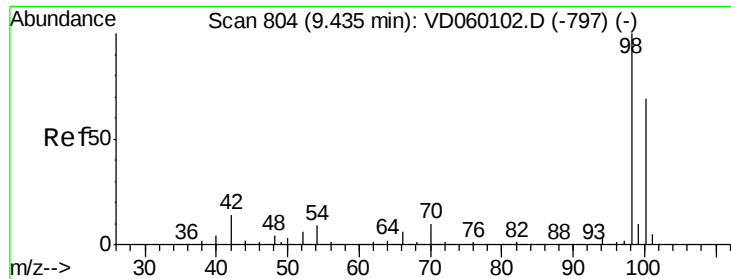


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

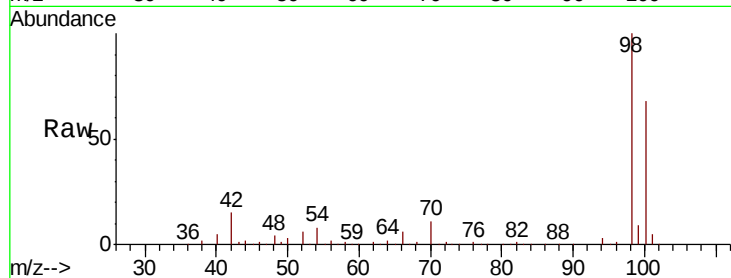




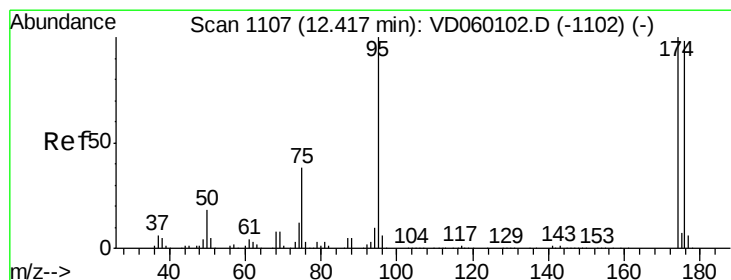
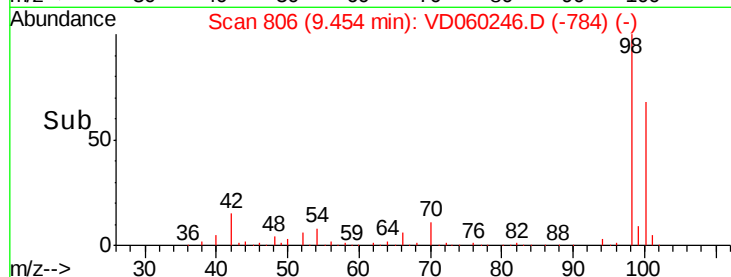
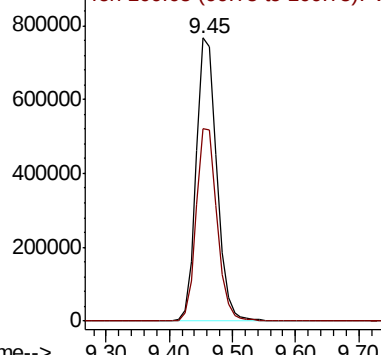
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060246.D
Acq: 31 Oct 2018 17:20

Instrument :
MSVOA_D
ClientSampleId :
PL-02-103018-A

Tot Ion: 98 Resp: 1732527
Ion Ratio Lower Upper
98 100
100 68.2 55.4 83.0

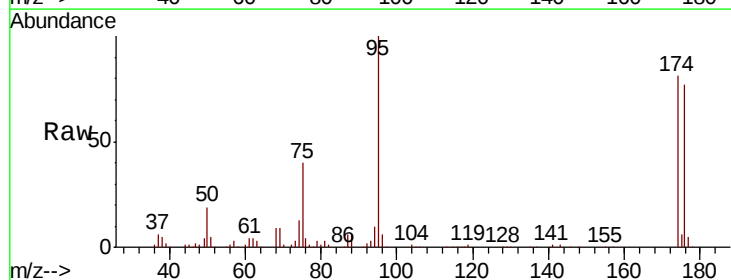


Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)
Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

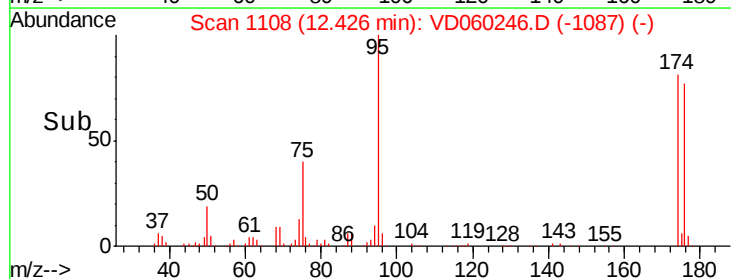
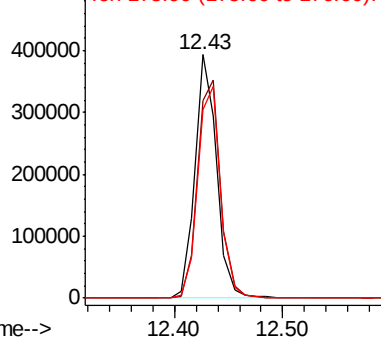


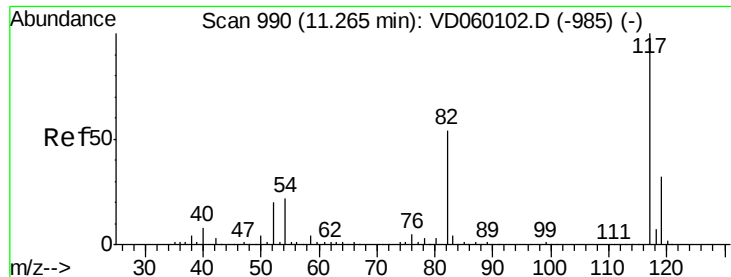
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060246.D
Acq: 31 Oct 2018 17:20

Tgt Ion: 95 Resp: 544655
Ion Ratio Lower Upper
95 100
174 81.0 0.0 200.2
176 77.2 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)
Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)
Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)

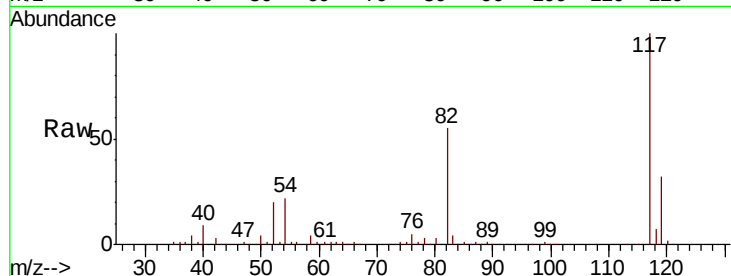




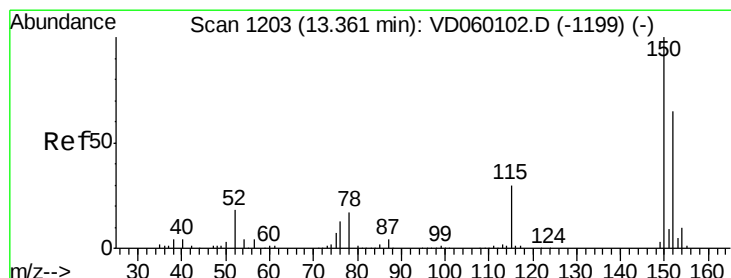
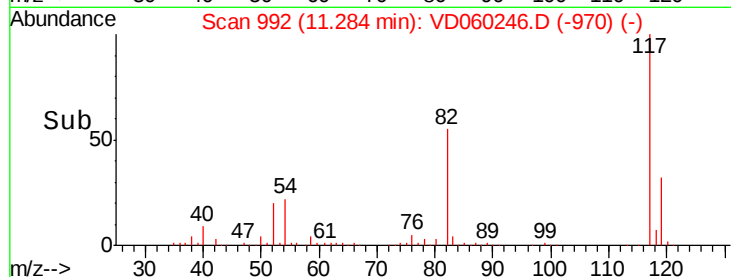
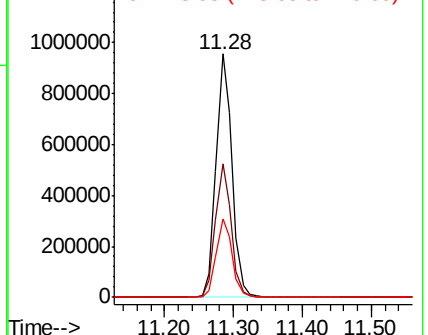
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060246.D
Acq: 31 Oct 2018 17:20

Instrument :
MSVOA_D
ClientSampleId :
PL-02-103018-A

Tot Ion:117 Resp: 1534657
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.2
119 32.3 26.0 39.0

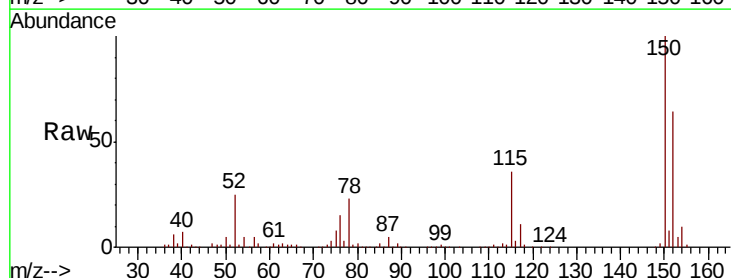


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060246.D
Acq: 31 Oct 2018 17:20

Tgt Ion:152 Resp: 545465
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.2
150 156.5 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

