

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060176.D
 Acq On : 24 Oct 2018 12:22
 Operator : JC/SY
 Sample : VD1024SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1024SBL01

Quant Time: Oct 25 03:51:23 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

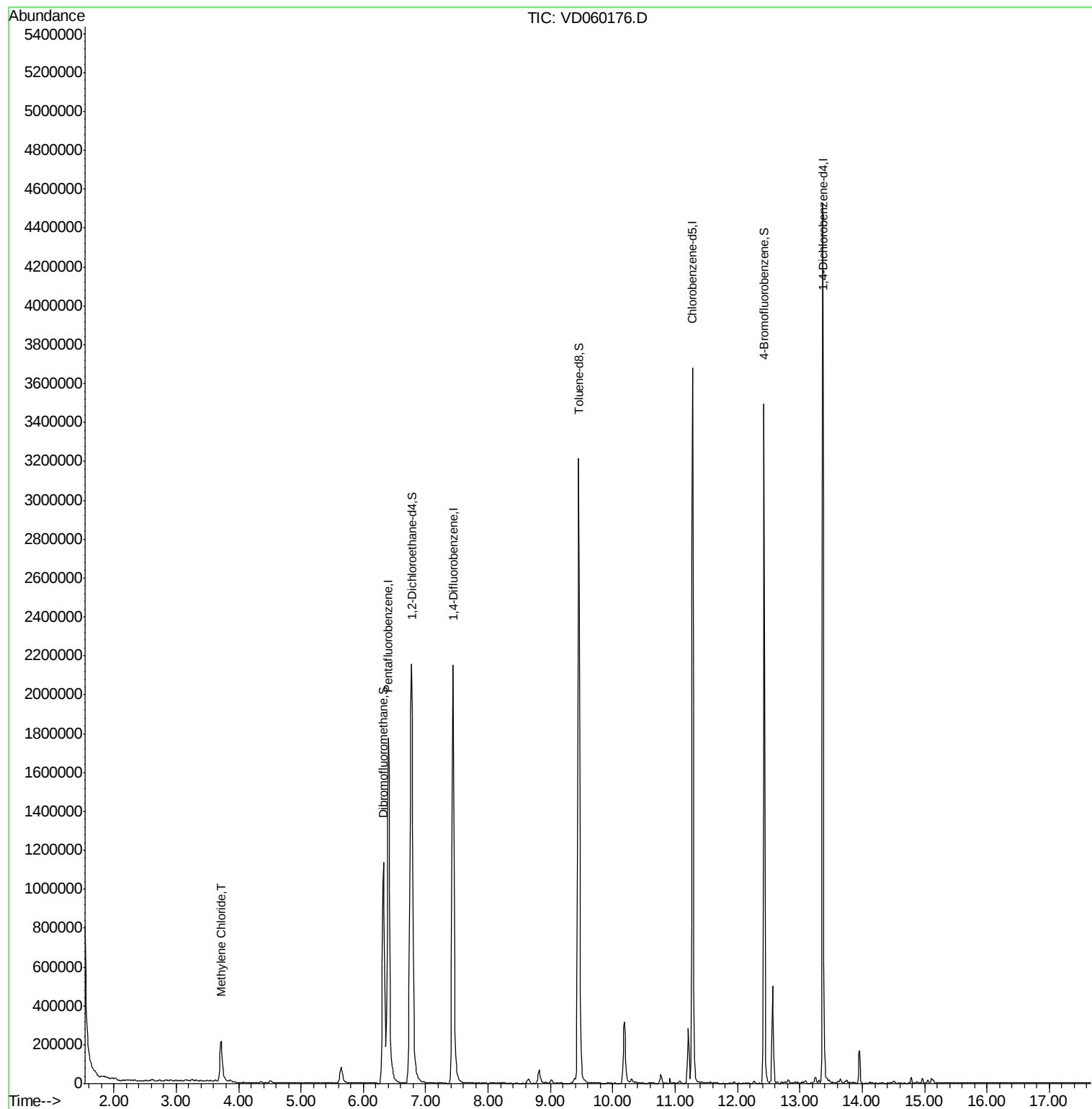
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1780451	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2414340	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1978247	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	1050278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	664064	49.20	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.40%	
35) Dibromofluoromethane	6.32	113	924945	50.45	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	9.45	98	2592080	49.58	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.42	95	971982	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
20) Methylene Chloride	3.72	84	136868	3.063	ug/l	Qvalue 97

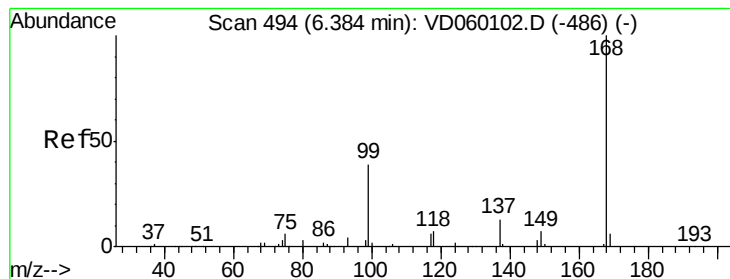
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 495

Delta R.T. 0.02 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

Instrument :

MSVOA_D

ClientSampleId :

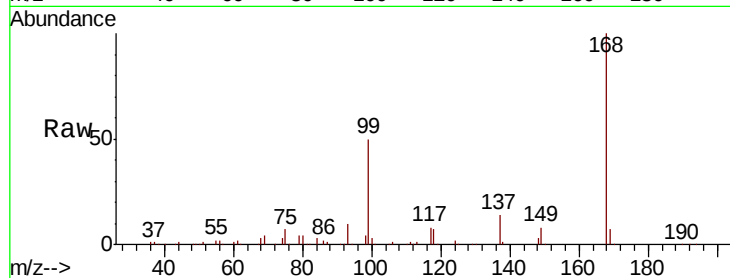
VD1024SBL01

Tot Ion:168 Resp: 1780451

Ion Ratio Lower Upper

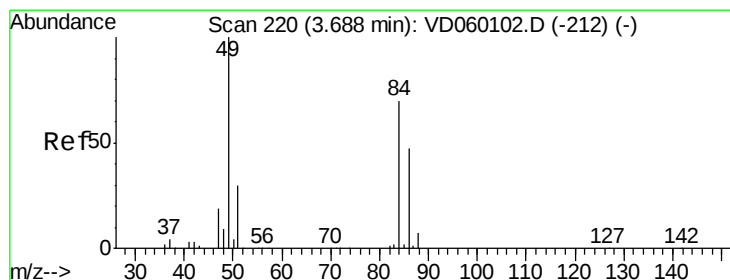
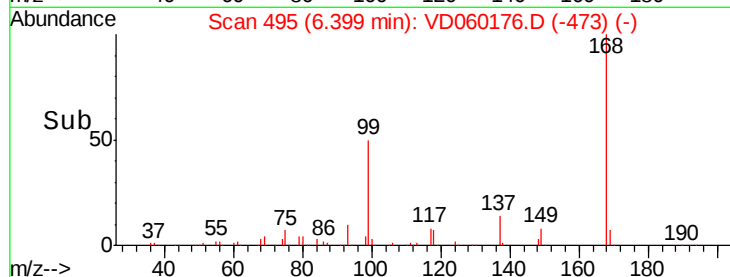
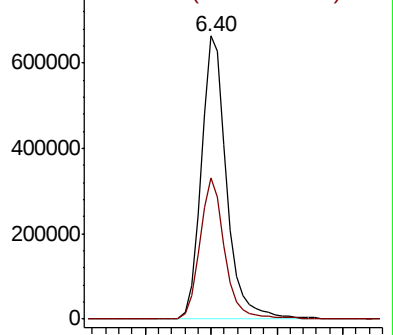
168 100

99 49.9 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.063 ug/l

RT: 3.72 min Scan# 223

Delta R.T. 0.04 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

Tgt Ion: 84 Resp: 136868

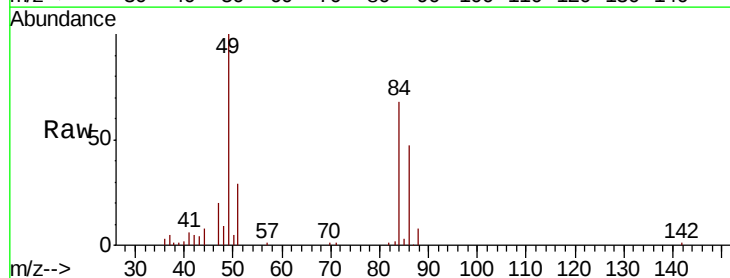
Ion Ratio Lower Upper

84 100

49 147.1 114.6 172.0

51 42.6 33.8 50.8

86 69.4 53.3 79.9

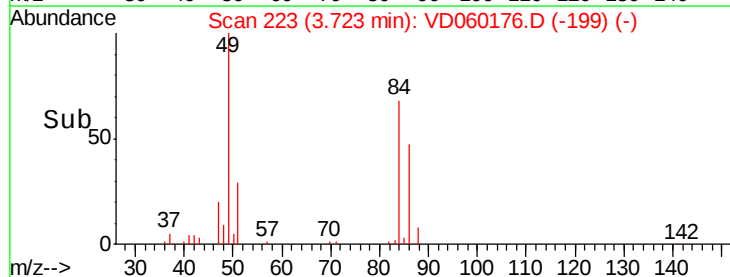
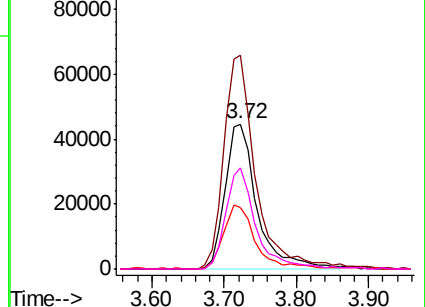


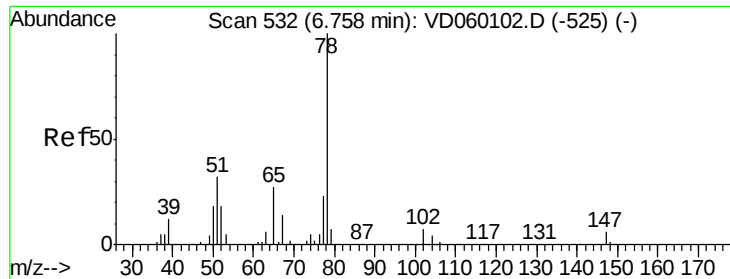
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

Instrument :

MSVOA_D

ClientSampleId :

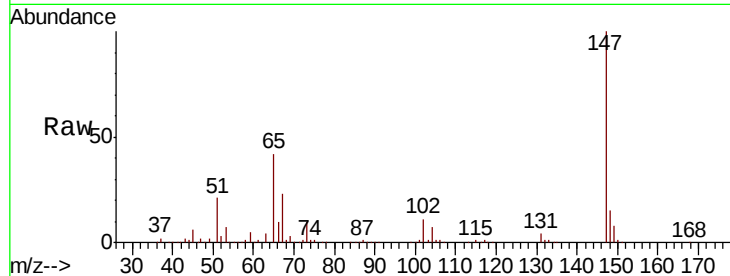
VD1024SBL01

Tot Ion: 65 Resp: 664064

Ion Ratio Lower Upper

65 100

67 55.3 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.78

250000

200000

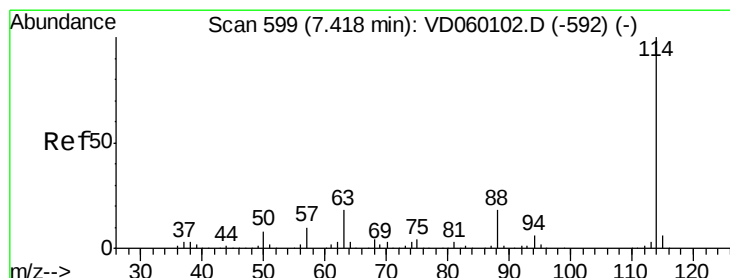
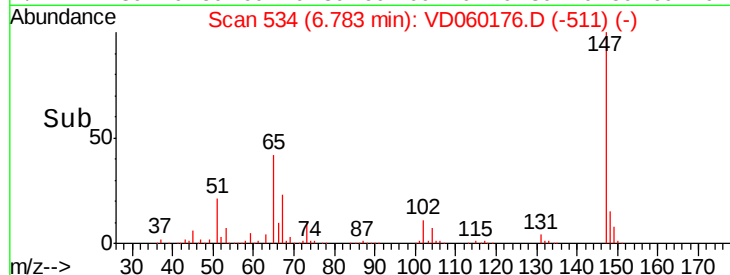
150000

100000

50000

0

Time--> 6.60 6.70 6.80 6.90 7.00



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

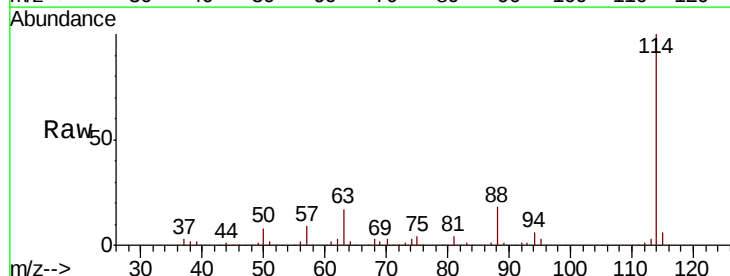
Tgt Ion:114 Resp: 2414340

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.0

88 17.8 0.0 36.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

7.44

1200000

1000000

800000

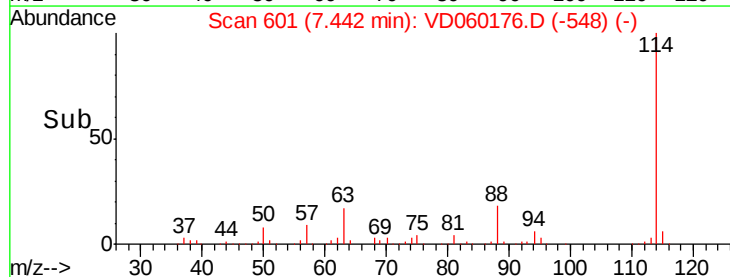
600000

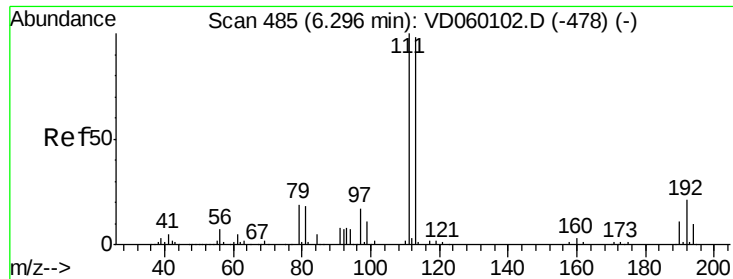
400000

200000

0

Time--> 7.30 7.40 7.50 7.60

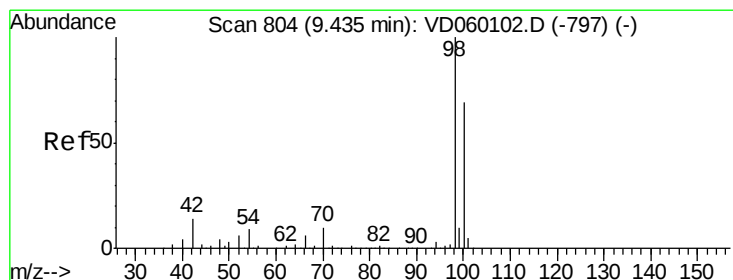
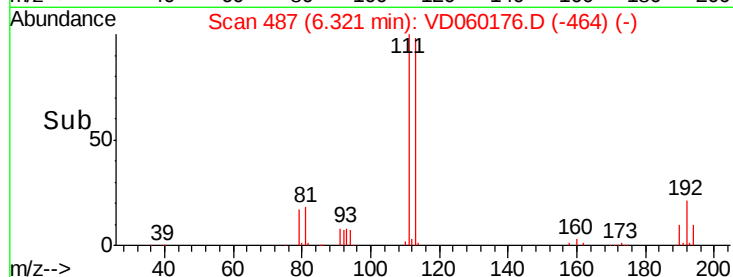
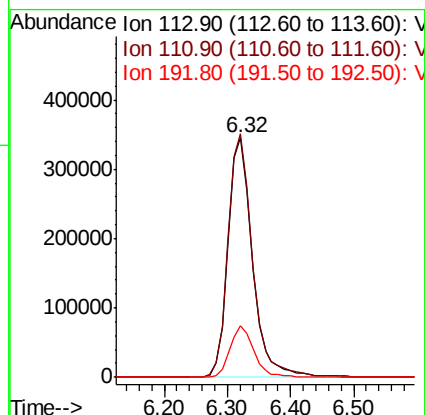
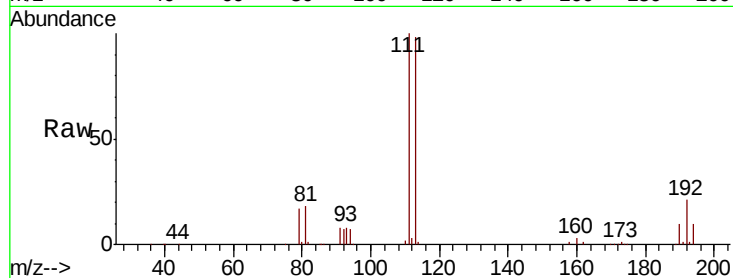




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060176.D
 Acq: 24 Oct 2018 12:22

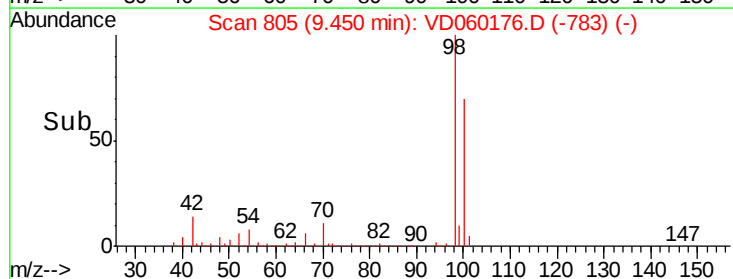
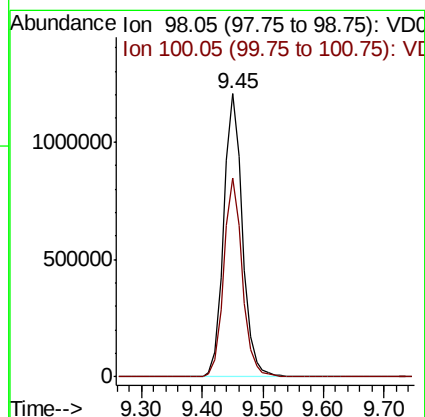
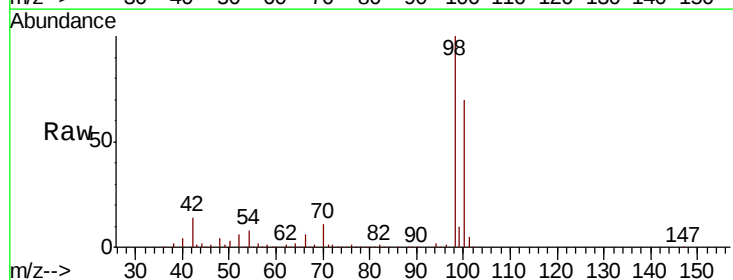
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1024SBL01

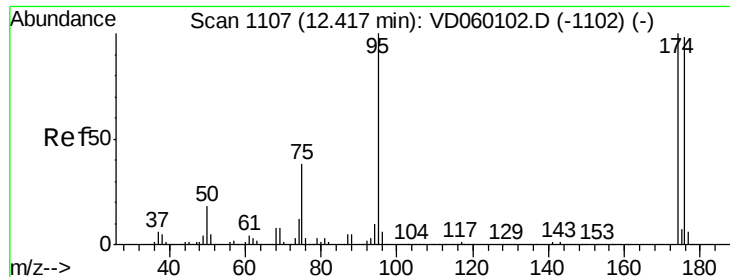
Tot Ion:113 Resp: 924945
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.5 122.3
 192 21.3 17.4 26.0



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.45 min Scan# 805
 Delta R.T. 0.02 min
 Lab File: VD060176.D
 Acq: 24 Oct 2018 12:22

Tgt Ion: 98 Resp: 2592080
 Ion Ratio Lower Upper
 98 100
 100 70.3 55.4 83.0

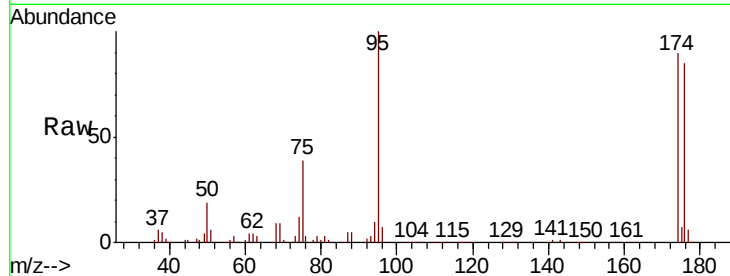




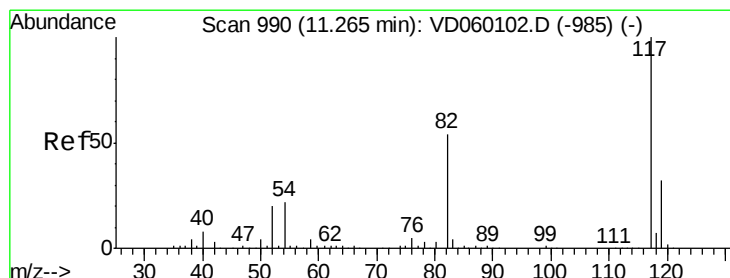
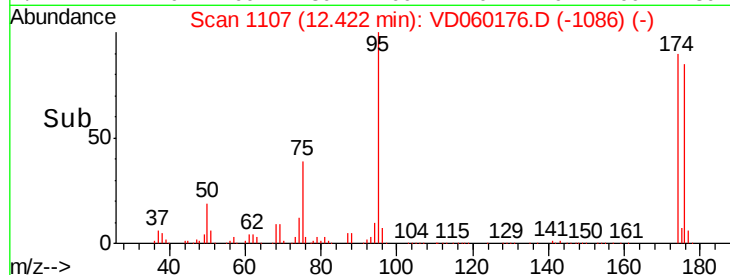
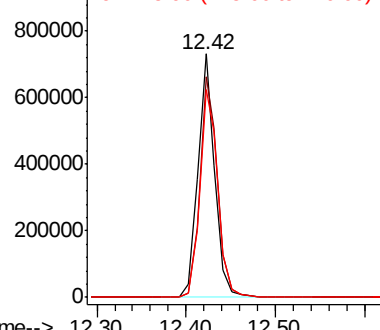
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060176.D
Acq: 24 Oct 2018 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBL01

Tot Ion: 95 Resp: 971982
Ion Ratio Lower Upper
95 100
174 90.4 0.0 200.2
176 85.3 0.0 195.6

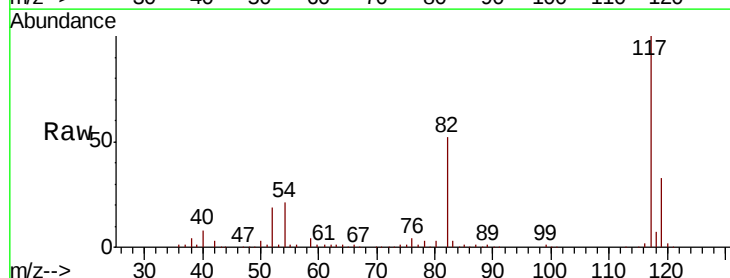


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

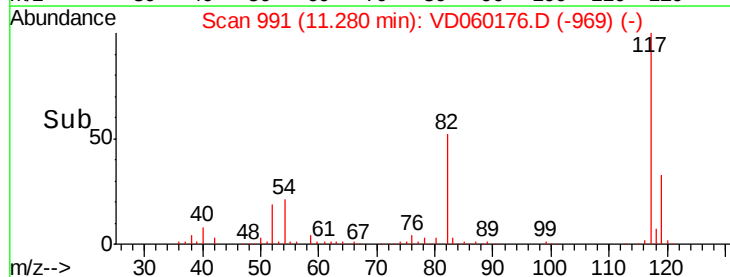
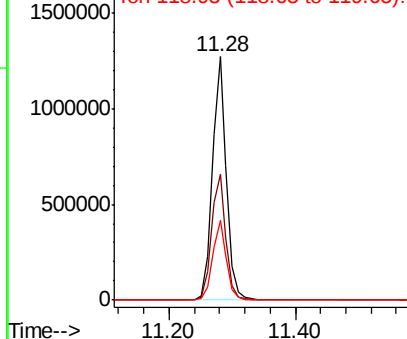


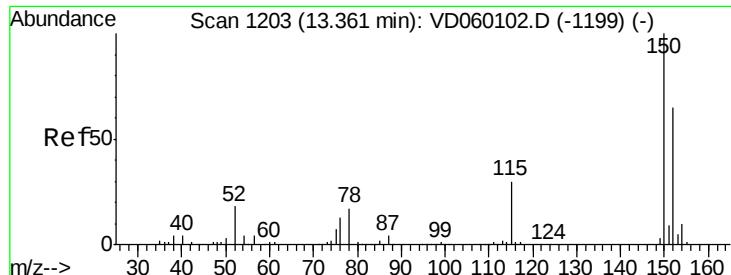
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.02 min
Lab File: VD060176.D
Acq: 24 Oct 2018 12:22

Tgt Ion: 117 Resp: 1978247
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.2
119 32.7 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# 1203

Delta R.T. 0.01 min

Lab File: VD060176.D

Acq: 24 Oct 2018 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBL01

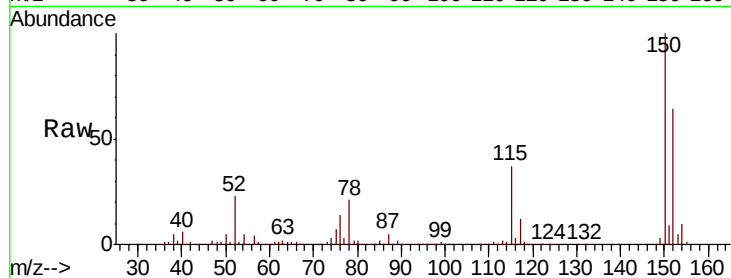
Tot Ion:152 Resp: 1050278

Ion Ratio Lower Upper

152 100

115 57.5 27.1 81.2

150 157.2 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

