

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032619\
 Data File : VD061334.D
 Acq On : 26 Mar 2019 14:11
 Operator : VA/AP
 Sample : VD0326SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0326SBL01

Quant Time: Mar 27 01:44:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

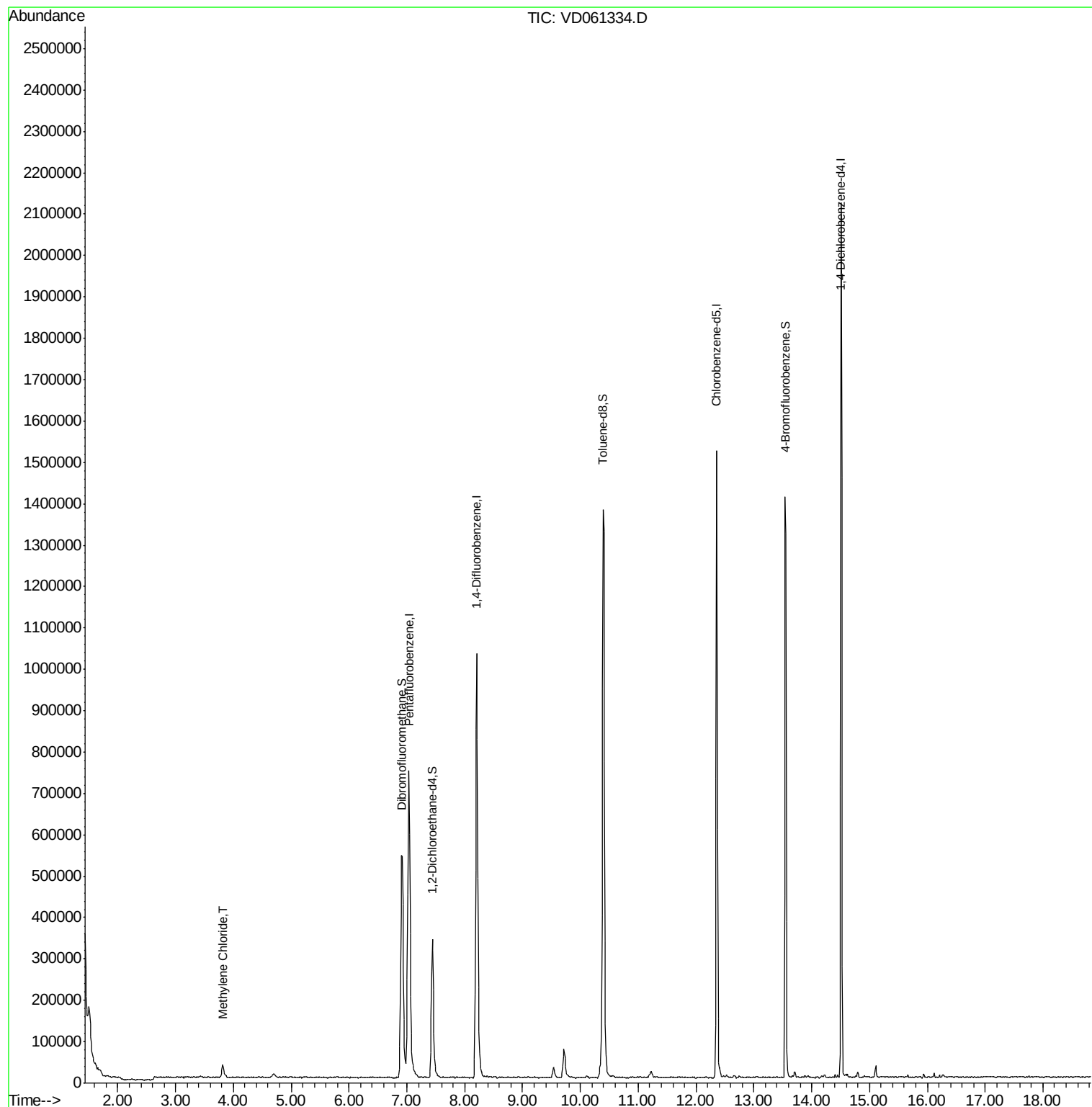
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	781831	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1283196	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	1031479	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	495167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	327686	48.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	6.91	113	554099	56.43	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	112.86%	
50) Toluene-d8	10.39	98	1254054	52.67	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	13.54	95	475826	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
Target Compounds						
20) Methylene Chloride	3.82	84	23143	2.527	ug/l #	89

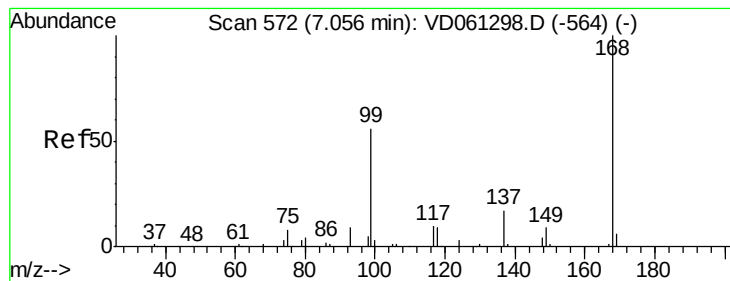
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032619\
Data File : VD061334.D
Acq On : 26 Mar 2019 14:11
Operator : VA/AP
Sample : VD0326SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0326SBL01

Quant Time: Mar 27 01:44:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 03:31:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD061334.D

Acq: 26 Mar 2019 14:11

Instrument :

MSVOA_D

ClientSampleId :

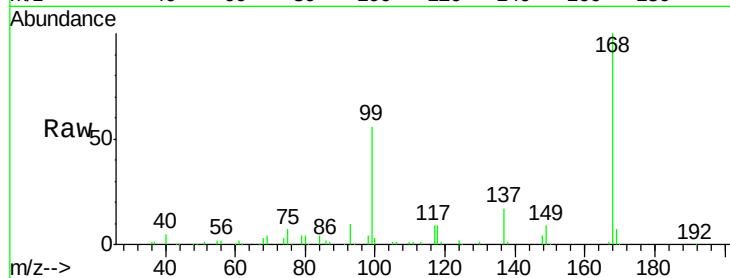
VD0326SBL01

Tot Ion:168 Resp: 781831

Ion Ratio Lower Upper

168 100

99 55.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

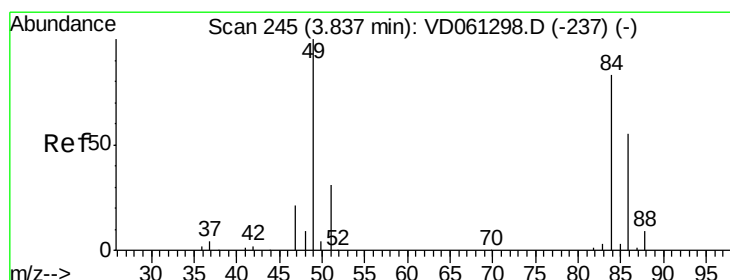
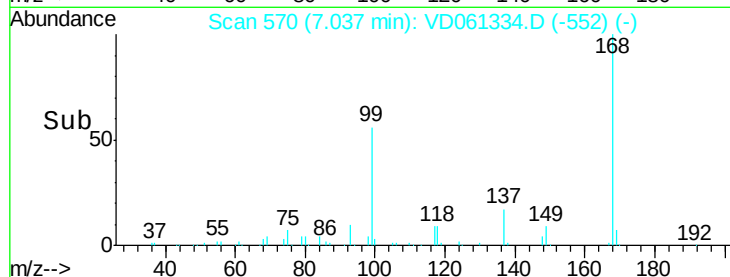
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#20

Methylene Chloride

Concen: 2.527 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.02 min

Lab File: VD061334.D

Acq: 26 Mar 2019 14:11

Tgt Ion: 84 Resp: 23143

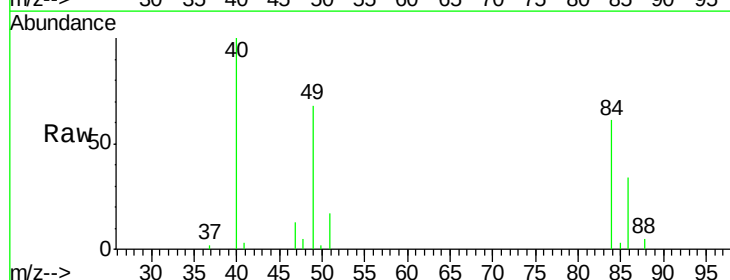
Ion Ratio Lower Upper

84 100

49 111.2 96.8 145.2

51 27.3 29.9 44.9#

86 56.0 53.1 79.7



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

3.82

15000

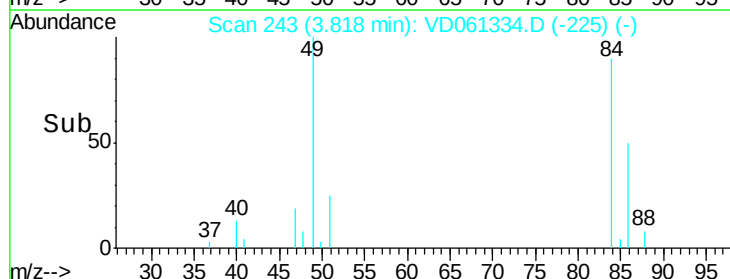
10000

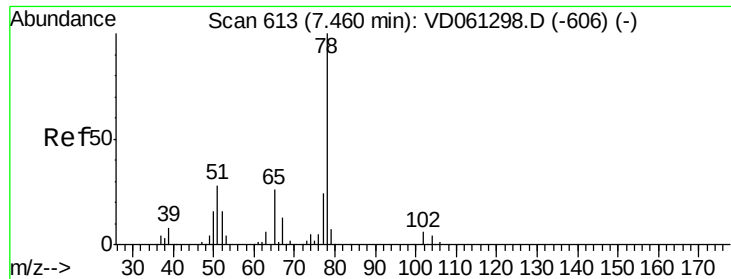
5000

0

3.70 3.80 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD061334.D

Acq: 26 Mar 2019 14:11

Instrument :

MSVOA_D

ClientSampleId :

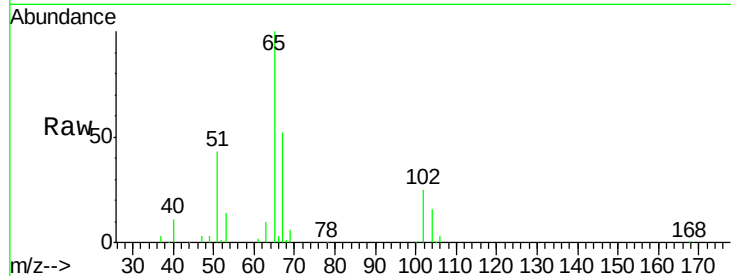
VD0326SBL01

Tot Ion: 65 Resp: 327686

Ion Ratio Lower Upper

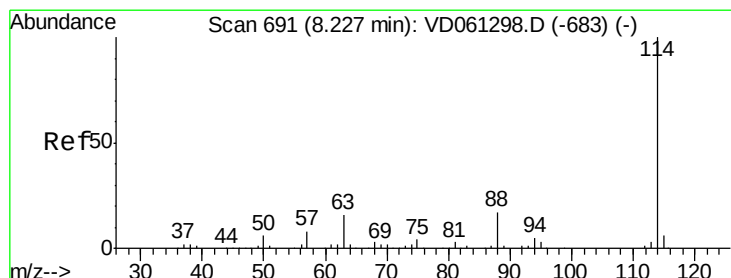
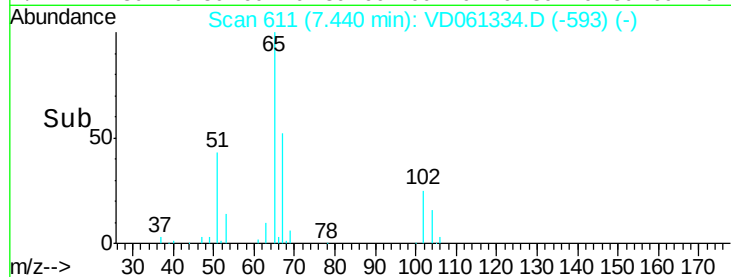
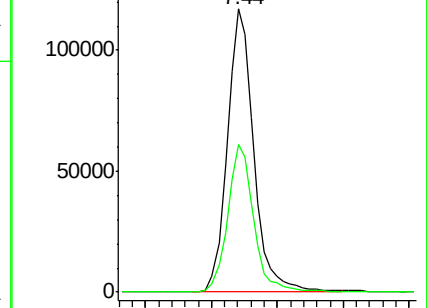
65 100

67 52.0 0.0 100.8



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: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD061334.D

Acq: 26 Mar 2019 14:11

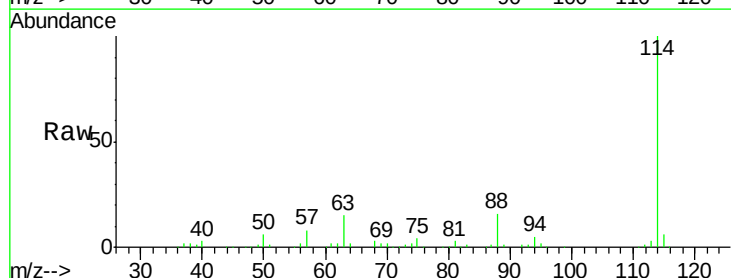
Tgt Ion: 114 Resp: 1283196

Ion Ratio Lower Upper

114 100

63 15.5 0.0 31.4

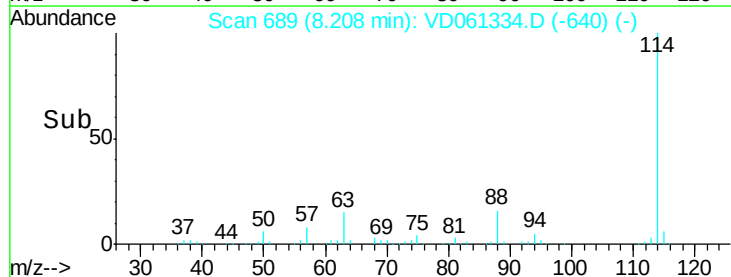
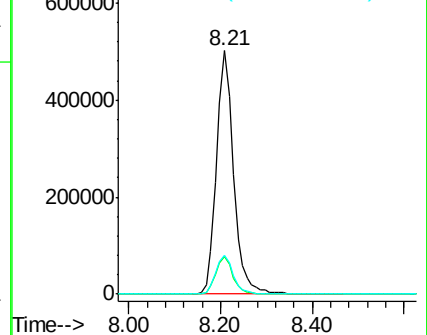
88 15.9 0.0 33.2

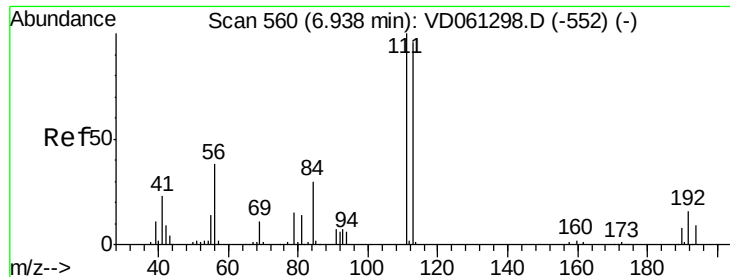


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD061334.D

Acq: 26 Mar 2019 14:11

Instrument :

MSVOA_D

ClientSampleId :

VD0326SBL01

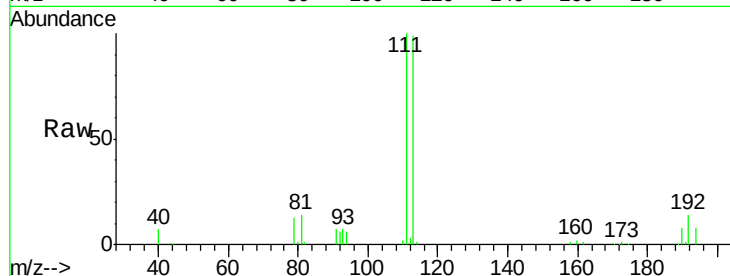
Tot Ion:113 Resp: 554099

Ion Ratio Lower Upper

113 100

111 101.5 83.7 125.5

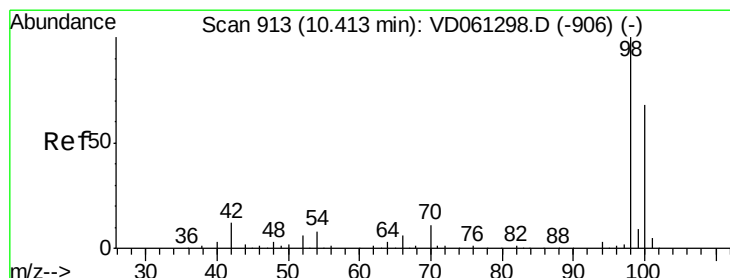
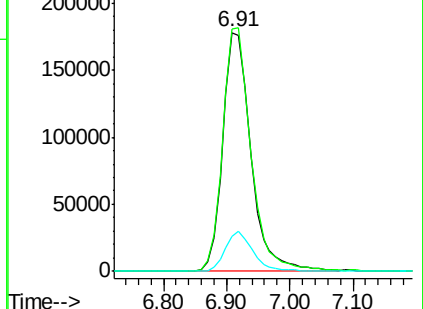
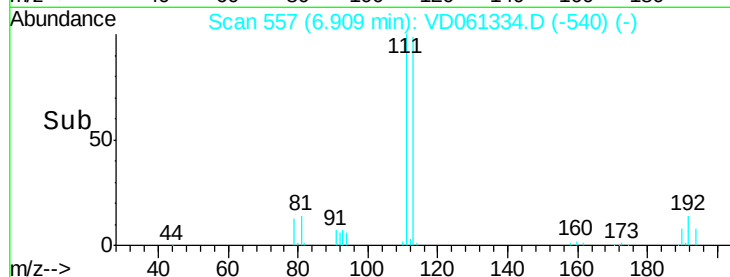
192 14.5 13.4 20.0



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: 10.39 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD061334.D

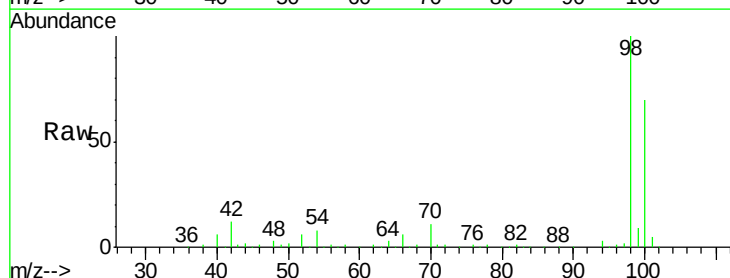
Acq: 26 Mar 2019 14:11

Tgt Ion: 98 Resp: 1254054

Ion Ratio Lower Upper

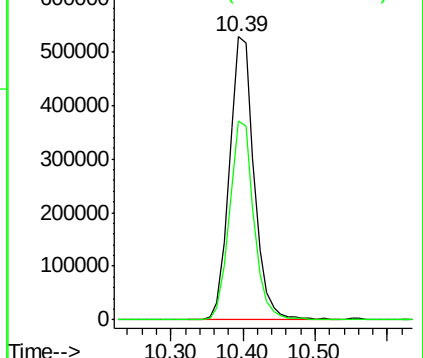
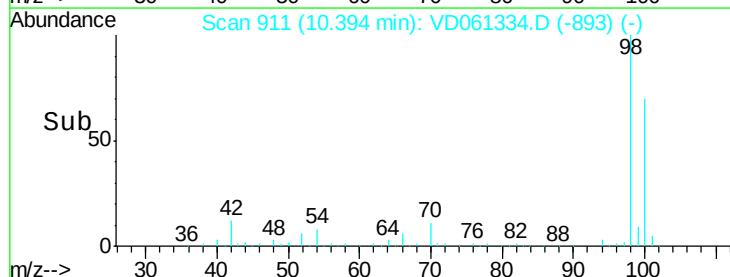
98 100

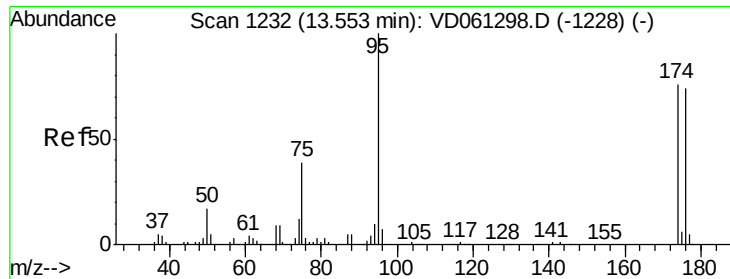
100 70.1 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

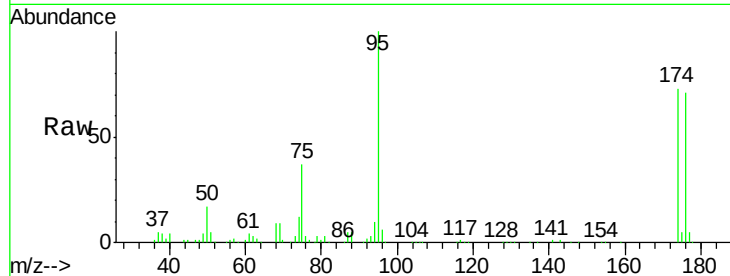




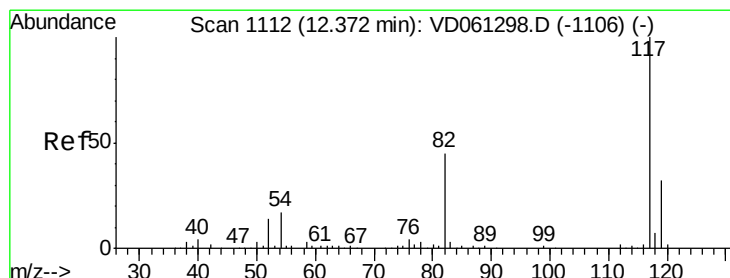
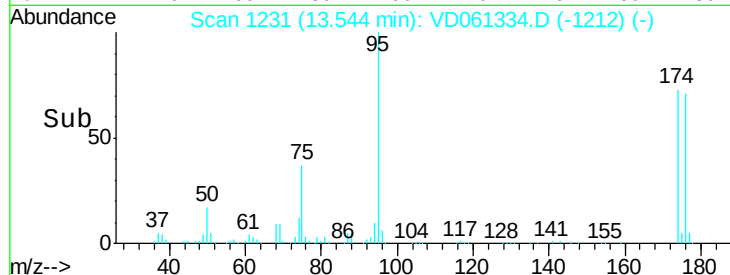
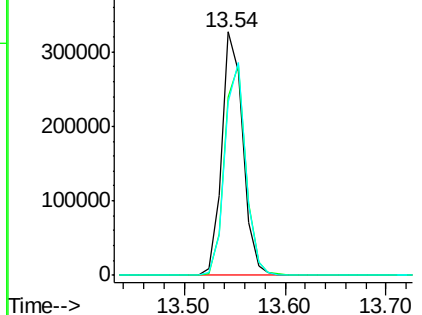
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061334.D
Acq: 26 Mar 2019 14:11

Instrument :
MSVOA_D
ClientSampleId :
VD0326SBL01

Tot Ion: 95 Resp: 475826
Ion Ratio Lower Upper
95 100
174 73.2 0.0 151.8
176 71.2 0.0 148.0

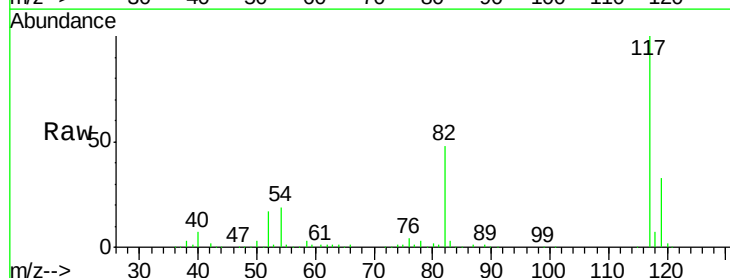


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

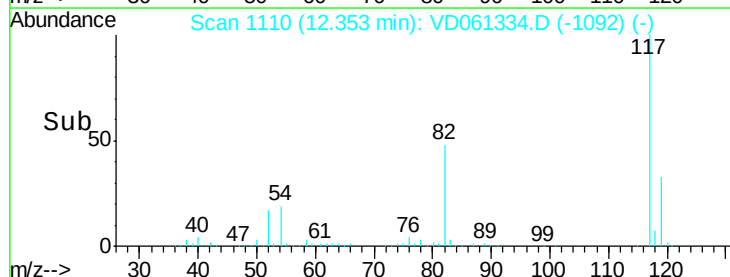
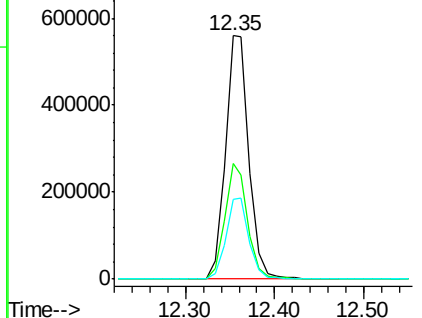


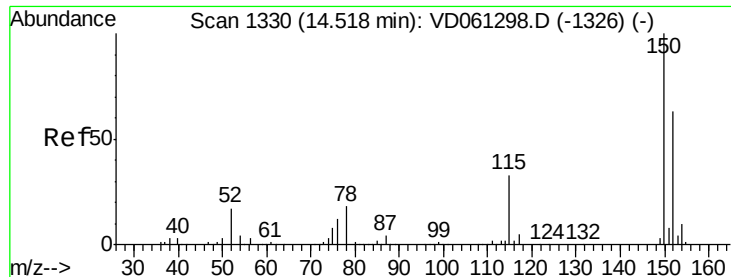
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD061334.D
Acq: 26 Mar 2019 14:11

Tgt Ion: 117 Resp: 1031479
Ion Ratio Lower Upper
117 100
82 47.5 35.7 53.5
119 32.7 25.9 38.9



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

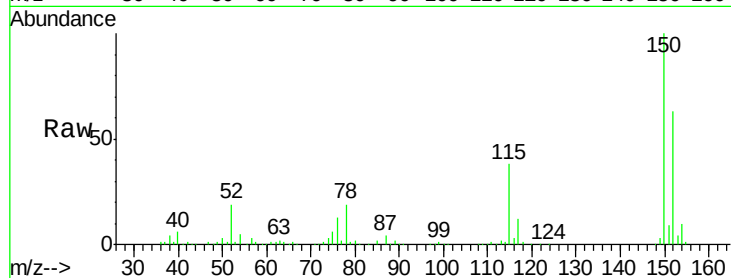




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061334.D
 Acq: 26 Mar 2019 14:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0326SBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.2	87.6
150	159.1	0.0	319.6



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

