

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061534.D
 Acq On : 3 Apr 2019 2:43
 Operator : VA/AP
 Sample : VD0402SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0402SBL02

Quant Time: Apr 03 05:03:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

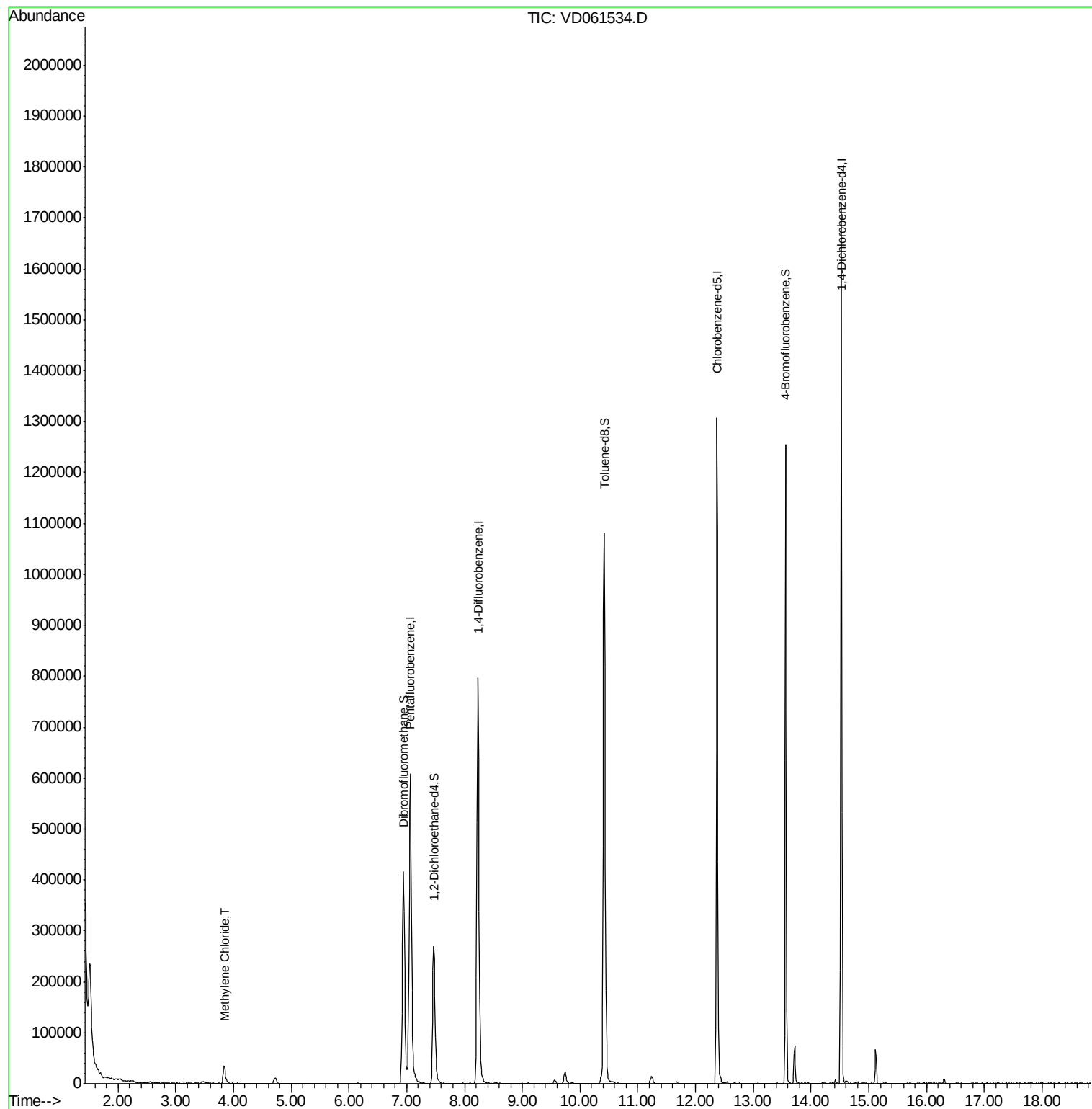
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	649612	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	1053261	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	830306	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	410077	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	280801	50.60	ug/l	0.03
Spiked Amount 50.000			Recovery	=	101.20%	
35) Dibromofluoromethane	6.94	113	415134	51.58	ug/l	0.04
Spiked Amount 50.000			Recovery	=	103.16%	
50) Toluene-d8	10.42	98	969770	50.23	ug/l	0.03
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	13.56	95	378906	51.18	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.36%	
Target Compounds						
20) Methylene Chloride	3.84	84	27233	1.547	ug/l #	91

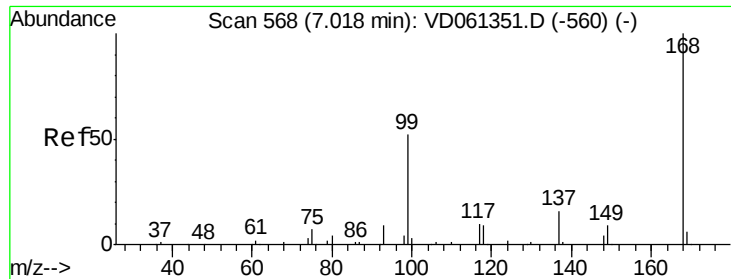
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD061534.D

Acq: 3 Apr 2019 2:43

Instrument :

MSVOA_D

ClientSampleId :

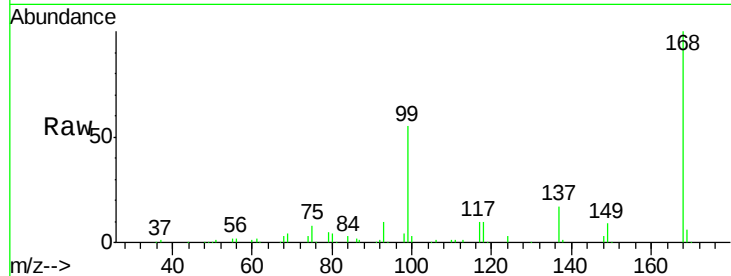
VD0402SBL02

Tot Ion:168 Resp: 649612

Ion Ratio Lower Upper

168 100

99 55.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

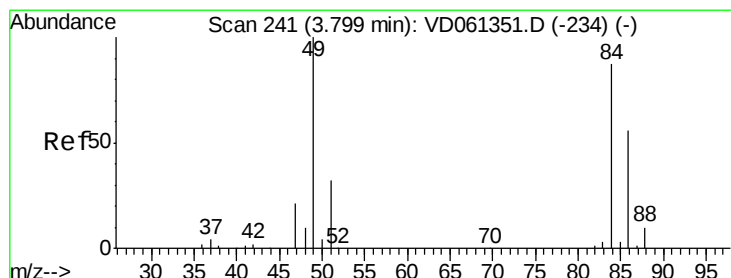
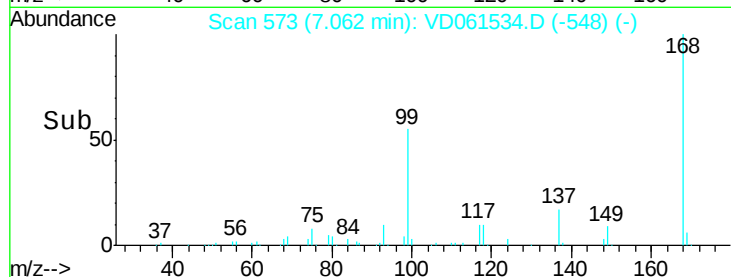
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 1.547 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.04 min

Lab File: VD061534.D

Acq: 3 Apr 2019 2:43

Tgt Ion: 84 Resp: 27233

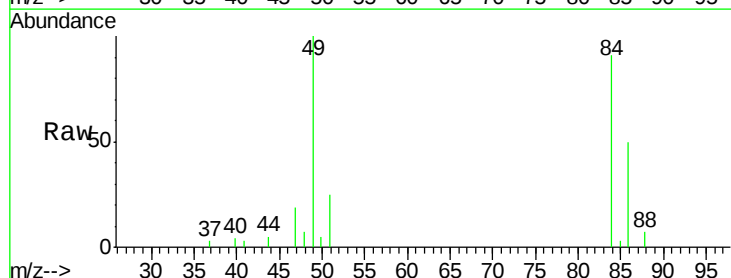
Ion Ratio Lower Upper

84 100

49 109.7 91.8 137.8

51 27.5 29.8 44.8#

86 55.3 51.8 77.6



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

3.84

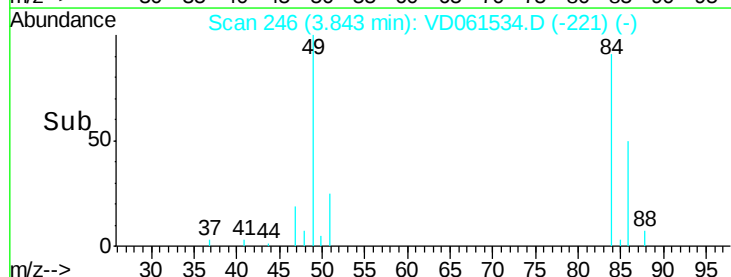
15000

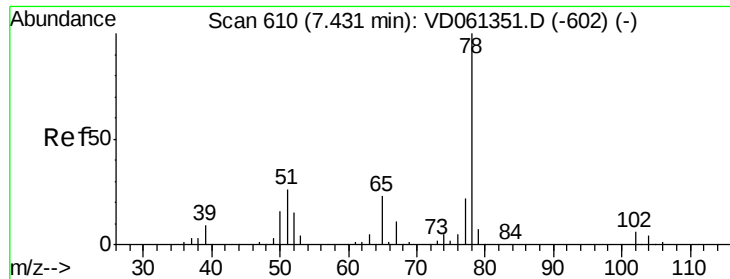
10000

5000

0

Time--> 3.80 3.90 4.00





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.03 min

Lab File: VD061534.D

Acq: 3 Apr 2019 2:43

Instrument :

MSVOA_D

ClientSampleId :

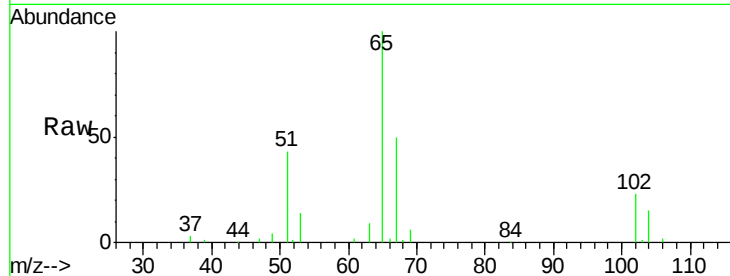
VD0402SBL02

Tot Ion: 65 Resp: 280801

Ion Ratio Lower Upper

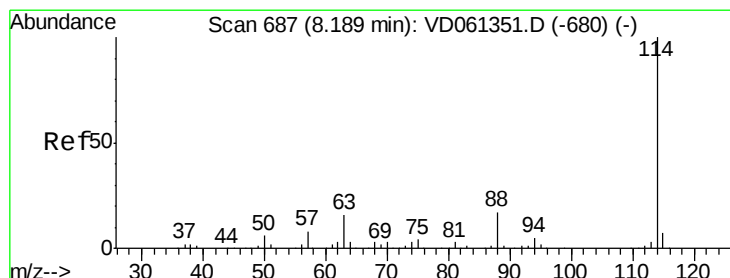
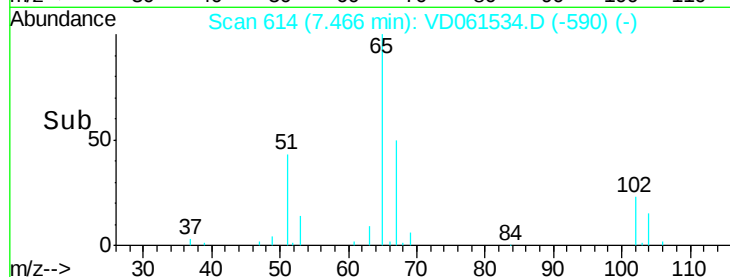
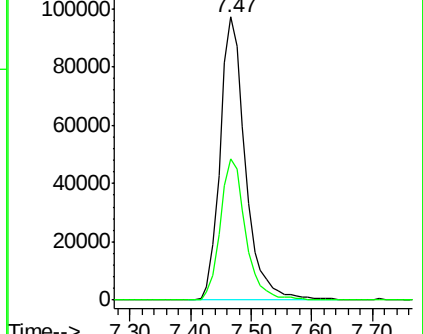
65 100

67 50.1 0.0 99.8



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: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD061534.D

Acq: 3 Apr 2019 2:43

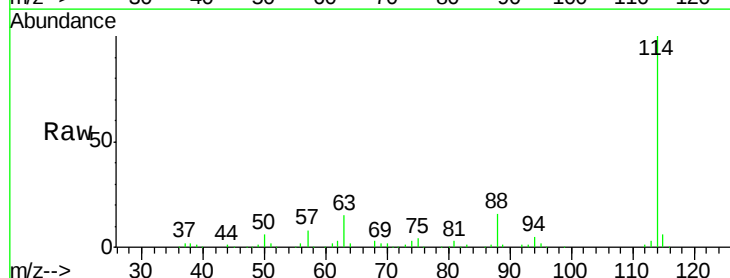
Tgt Ion: 114 Resp: 1053261

Ion Ratio Lower Upper

114 100

63 15.3 0.0 31.6

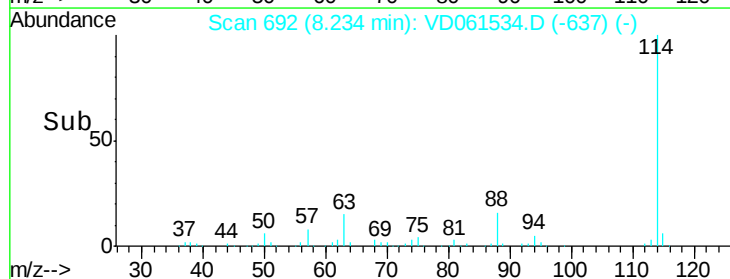
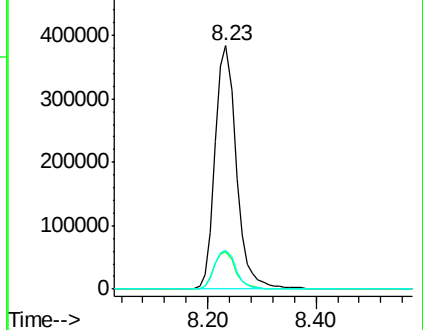
88 16.1 0.0 33.4



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

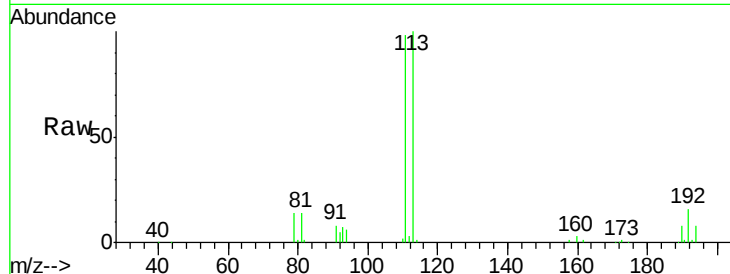




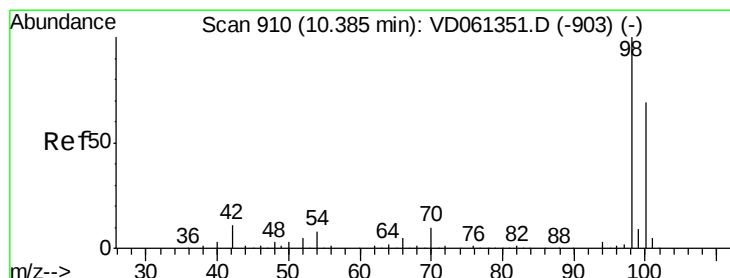
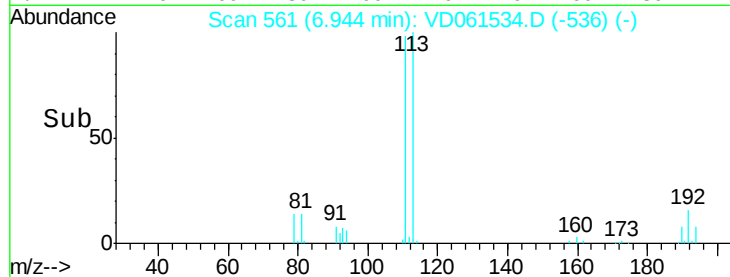
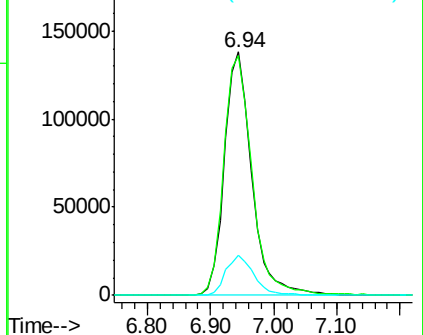
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.04 min
 Lab File: VD061534.D
 Acq: 3 Apr 2019 2:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0402SBL02

Tot Ion	Ratio	Lower	Upper
113	100		
111	98.4	81.0	121.6
192	16.3	14.4	21.6

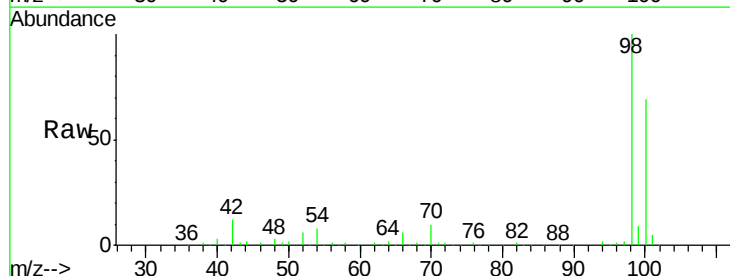


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

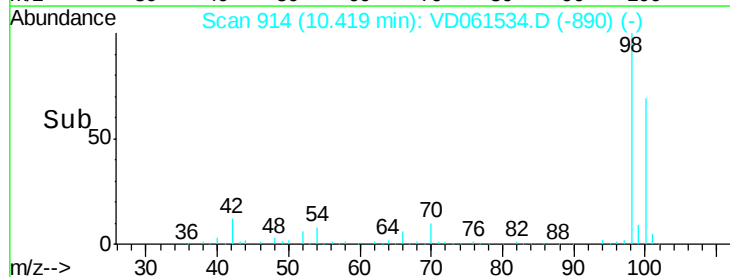
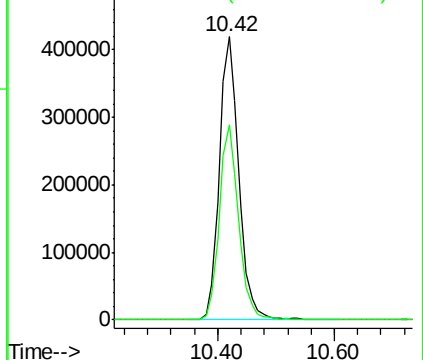


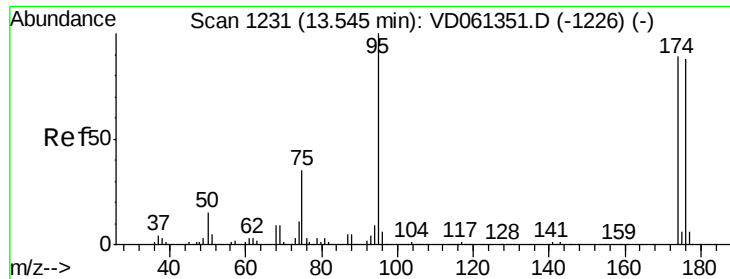
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.03 min
 Lab File: VD061534.D
 Acq: 3 Apr 2019 2:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.1	56.2	84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC

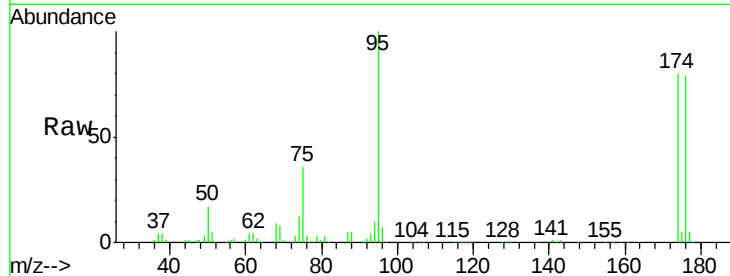




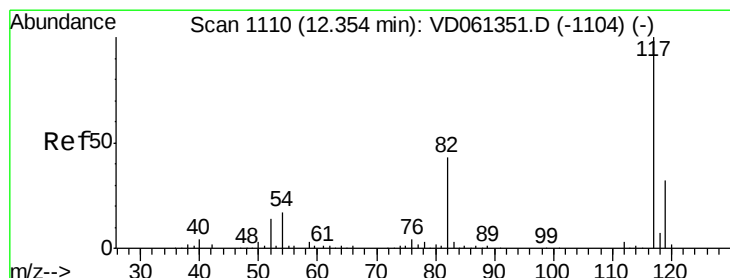
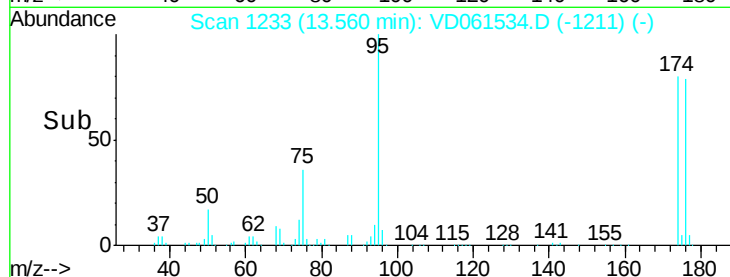
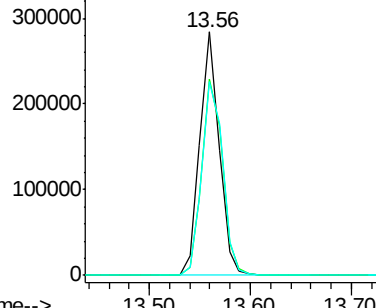
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061534.D
Acq: 3 Apr 2019 2:43

Instrument :
MSVOA_D
ClientSampleId :
VD0402SBL02

Tot Ion: 95 Resp: 378906
Ion Ratio Lower Upper
95 100
174 80.5 0.0 178.0
176 79.4 0.0 175.0

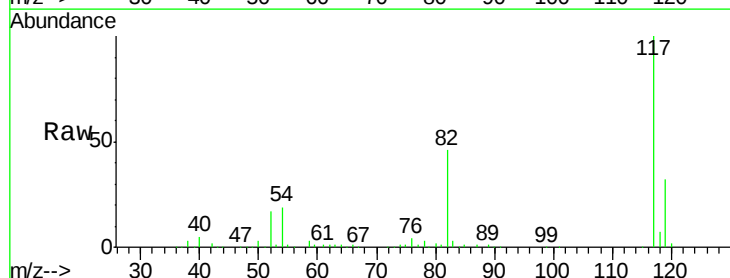


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

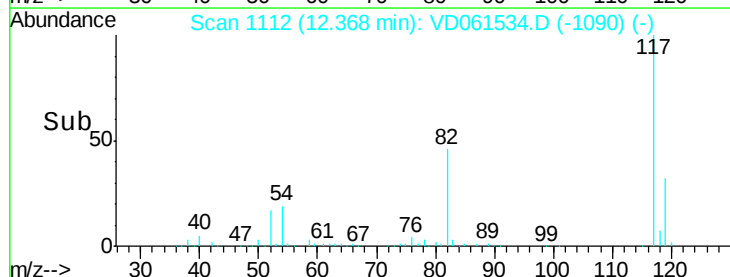
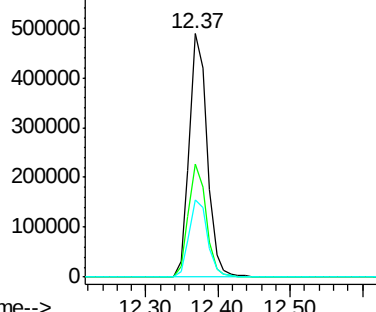


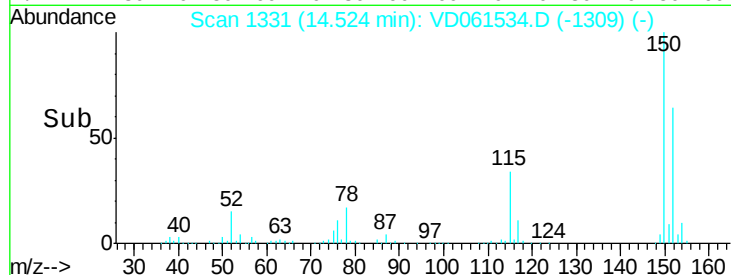
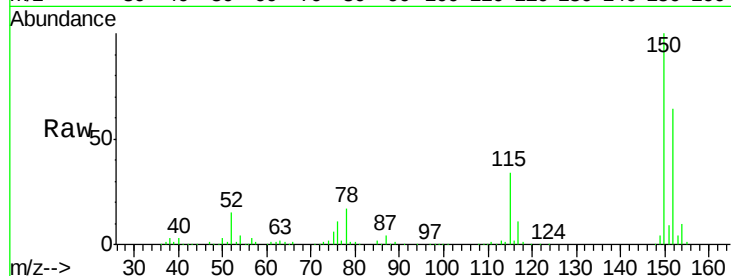
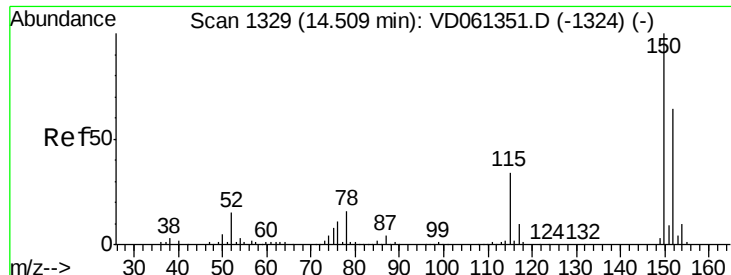
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061534.D
Acq: 3 Apr 2019 2:43

Tgt Ion: 117 Resp: 830306
Ion Ratio Lower Upper
117 100
82 46.3 34.4 51.6
119 31.8 25.8 38.6



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: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061534.D
 Acq: 3 Apr 2019 2:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0402SBL02

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.9	80.6
150	157.3	0.0	318.0

