

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032919\
 Data File : VD061423.D
 Acq On : 29 Mar 2019 11:59
 Operator : VA/AP
 Sample : VD0329SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBL01

Quant Time: Mar 29 23:03:43 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

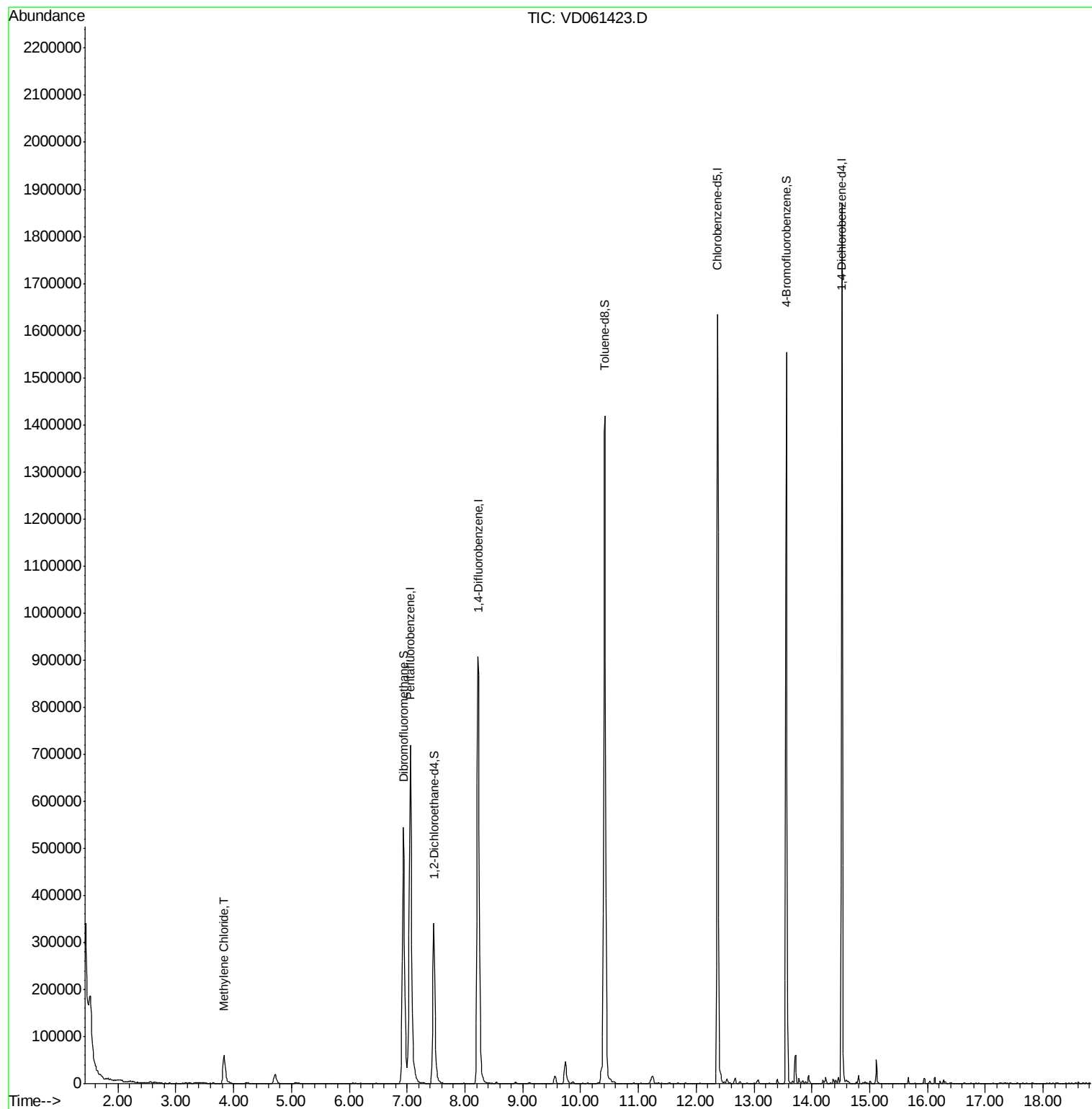
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	763213	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1161785	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	1018042	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	493777	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	345295	52.96	ug/l	0.03
Spiked Amount 50.000			Recovery	=	105.92%	
35) Dibromofluoromethane	6.93	113	518438	58.39	ug/l	0.03
Spiked Amount 50.000			Recovery	=	116.78%	
50) Toluene-d8	10.42	98	1301740	61.13	ug/l	0.03
Spiked Amount 50.000			Recovery	=	122.26%	
62) 4-Bromofluorobenzene	13.56	95	492456	60.31	ug/l	0.01
Spiked Amount 50.000			Recovery	=	120.62%	
Target Compounds						
20) Methylene Chloride	3.83	84	48230	3.345	ug/l	Qvalue 97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

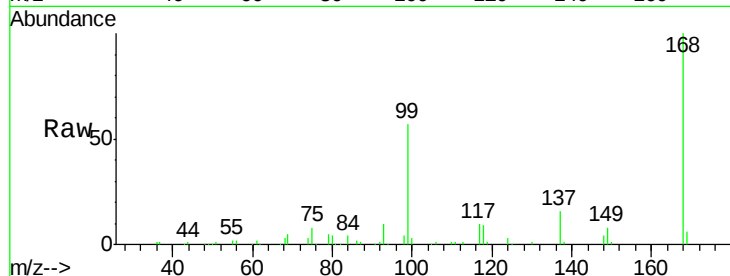
VD0329SBL01

Tot Ion:168 Resp: 763213

Ion Ratio Lower Upper

168 100

99 57.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

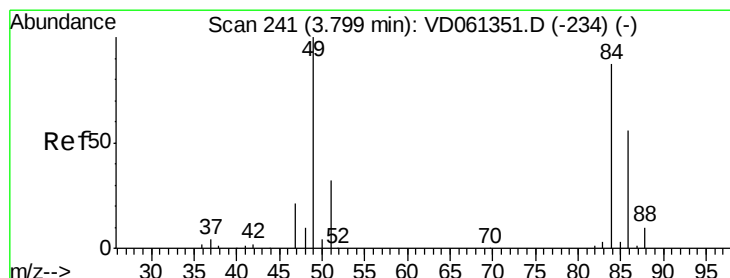
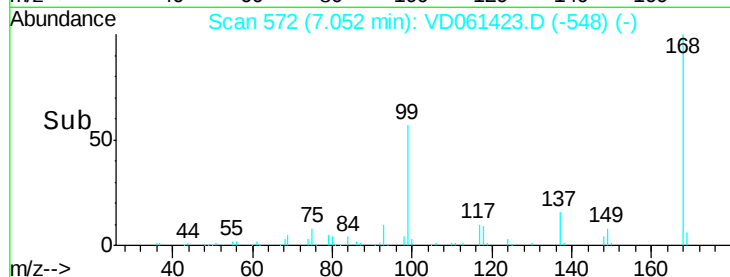
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.345 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.03 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

Tgt Ion: 84 Resp: 48230

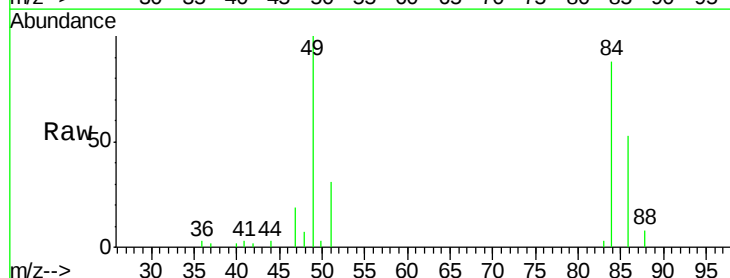
Ion Ratio Lower Upper

84 100

49 113.3 91.8 137.8

51 35.3 29.8 44.8

86 59.8 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

25000

20000

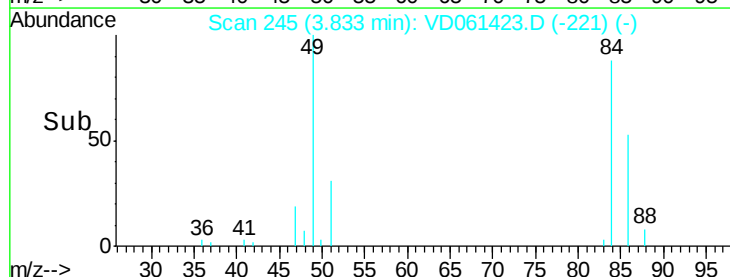
15000

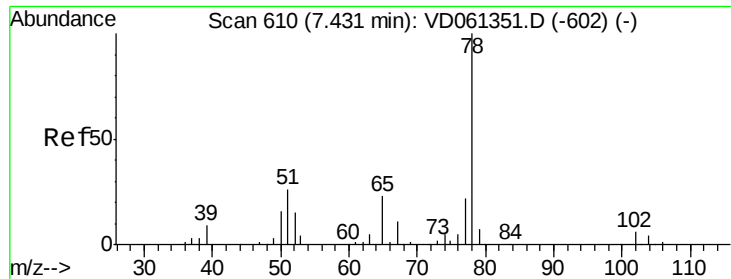
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.03 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

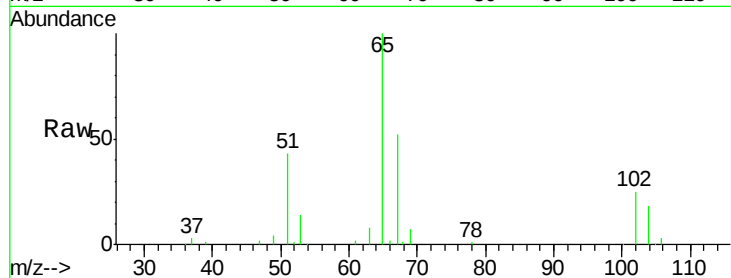
VD0329SBL01

Tot Ion: 65 Resp: 345295

Ion Ratio Lower Upper

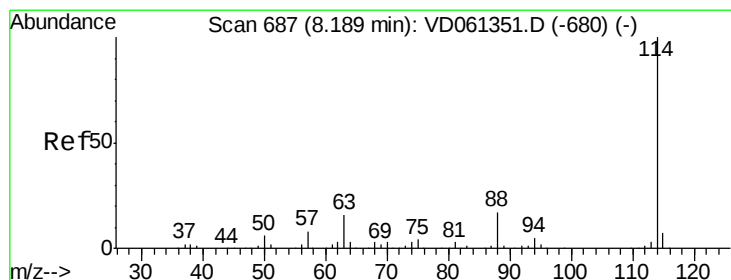
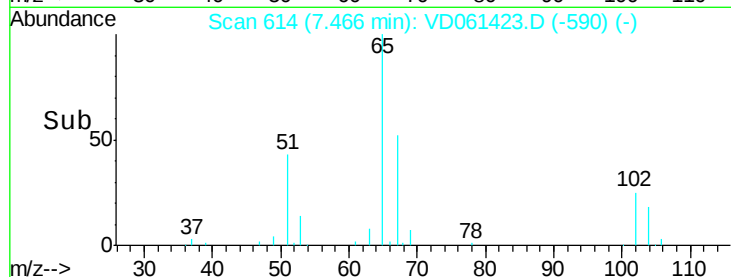
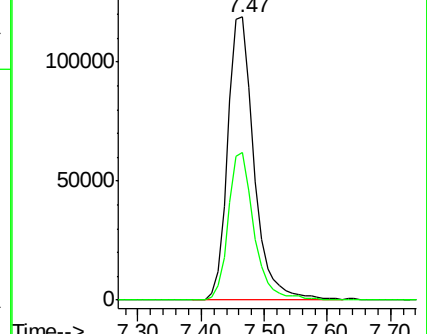
65 100

67 52.0 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: 8.22 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

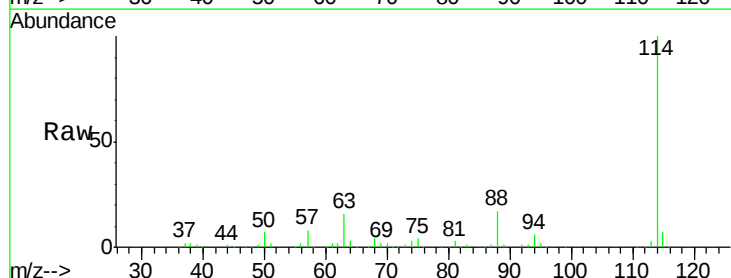
Tgt Ion: 114 Resp: 1161785

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.6

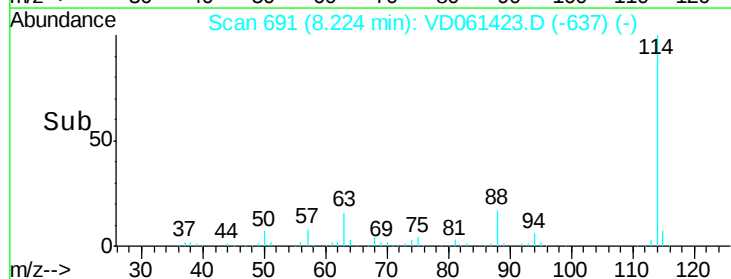
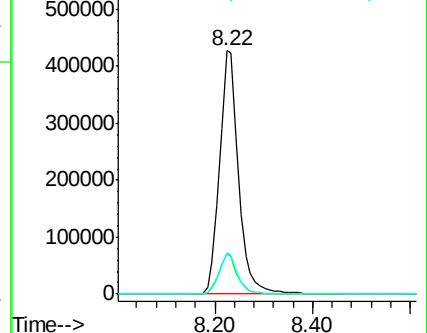
88 17.1 0.0 33.4



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

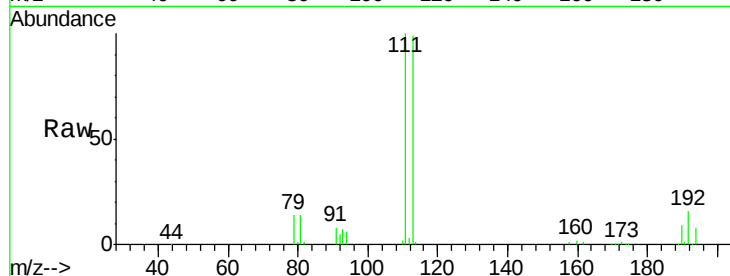




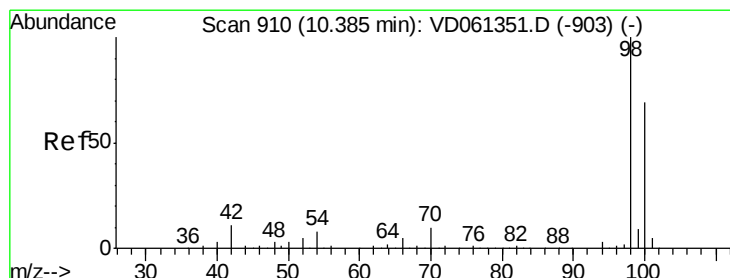
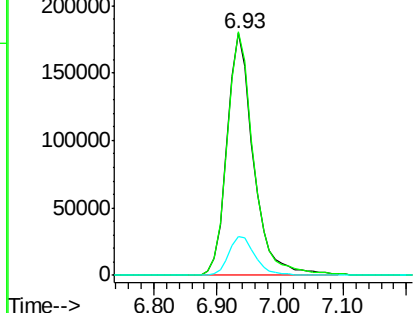
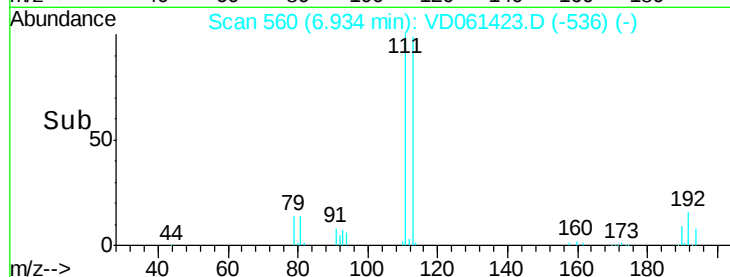
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 560
Delta R.T. 0.03 min
Lab File: VD061423.D
Acq: 29 Mar 2019 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBL01

Tot Ion:113 Resp: 518438
Ion Ratio Lower Upper
113 100
111 100.7 81.0 121.6
192 16.0 14.4 21.6

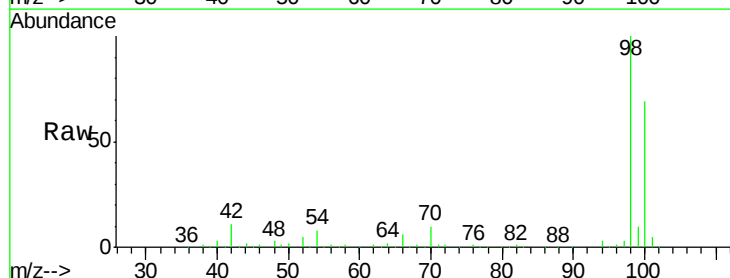


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

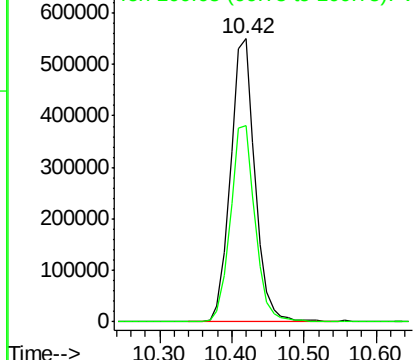
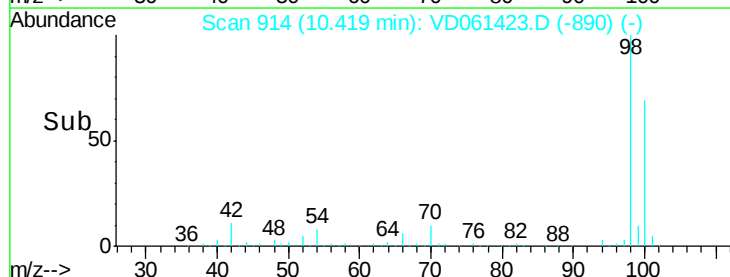


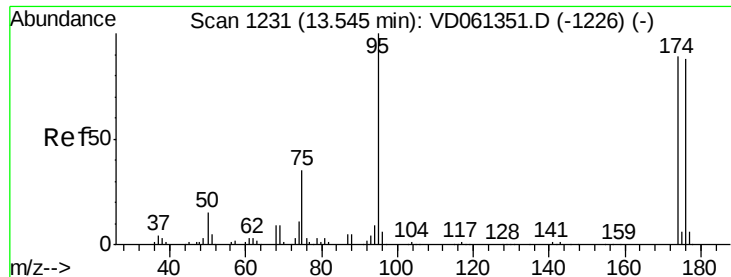
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD061423.D
Acq: 29 Mar 2019 11:59

Tgt Ion: 98 Resp: 1301740
Ion Ratio Lower Upper
98 100
100 69.2 56.2 84.2



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

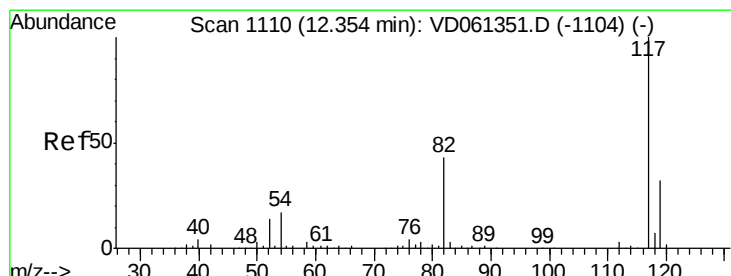
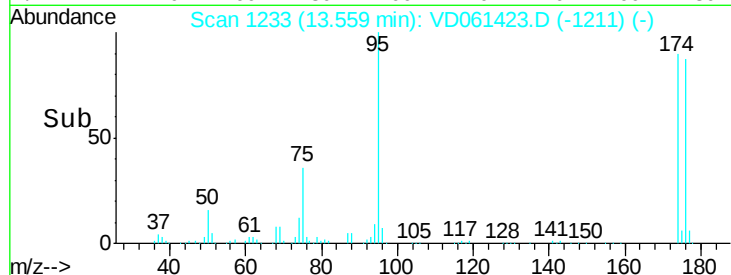
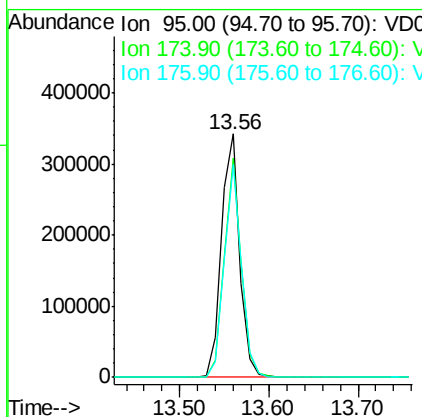
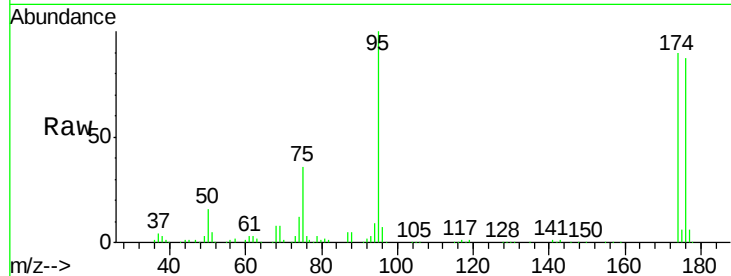




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061423.D
Acq: 29 Mar 2019 11:59

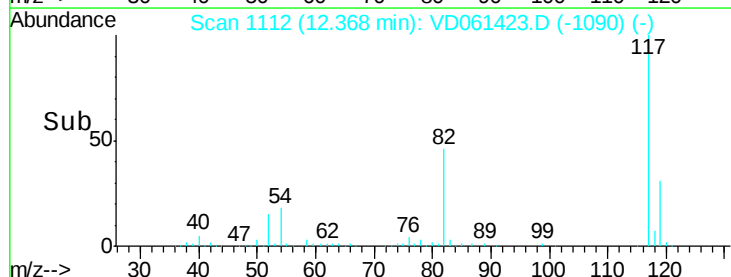
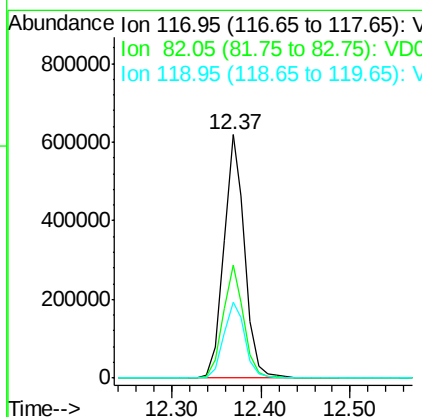
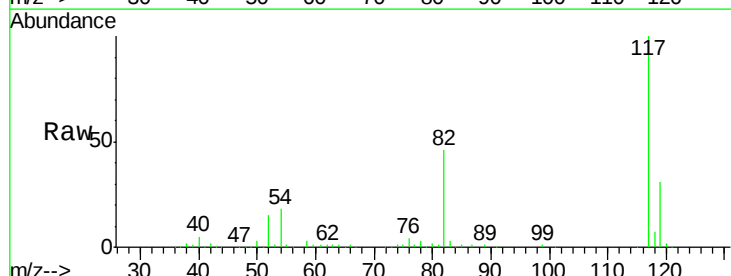
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBL01

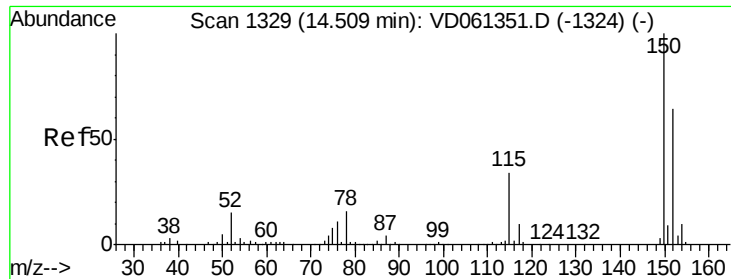
Tot Ion: 95 Resp: 492456
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.0
176 87.3 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061423.D
Acq: 29 Mar 2019 11:59

Tgt Ion: 117 Resp: 1018042
Ion Ratio Lower Upper
117 100
82 46.2 34.4 51.6
119 31.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061423.D
 Acq: 29 Mar 2019 11:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.4	26.9	80.6
150	151.3	0.0	318.0

