

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061572.D
 Acq On : 3 Apr 2019 22:58
 Operator : VA/AP
 Sample : K2190-04RE
 Misc : 5.51g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VN-SP-2RE

Quant Time: Apr 04 03:10:10 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

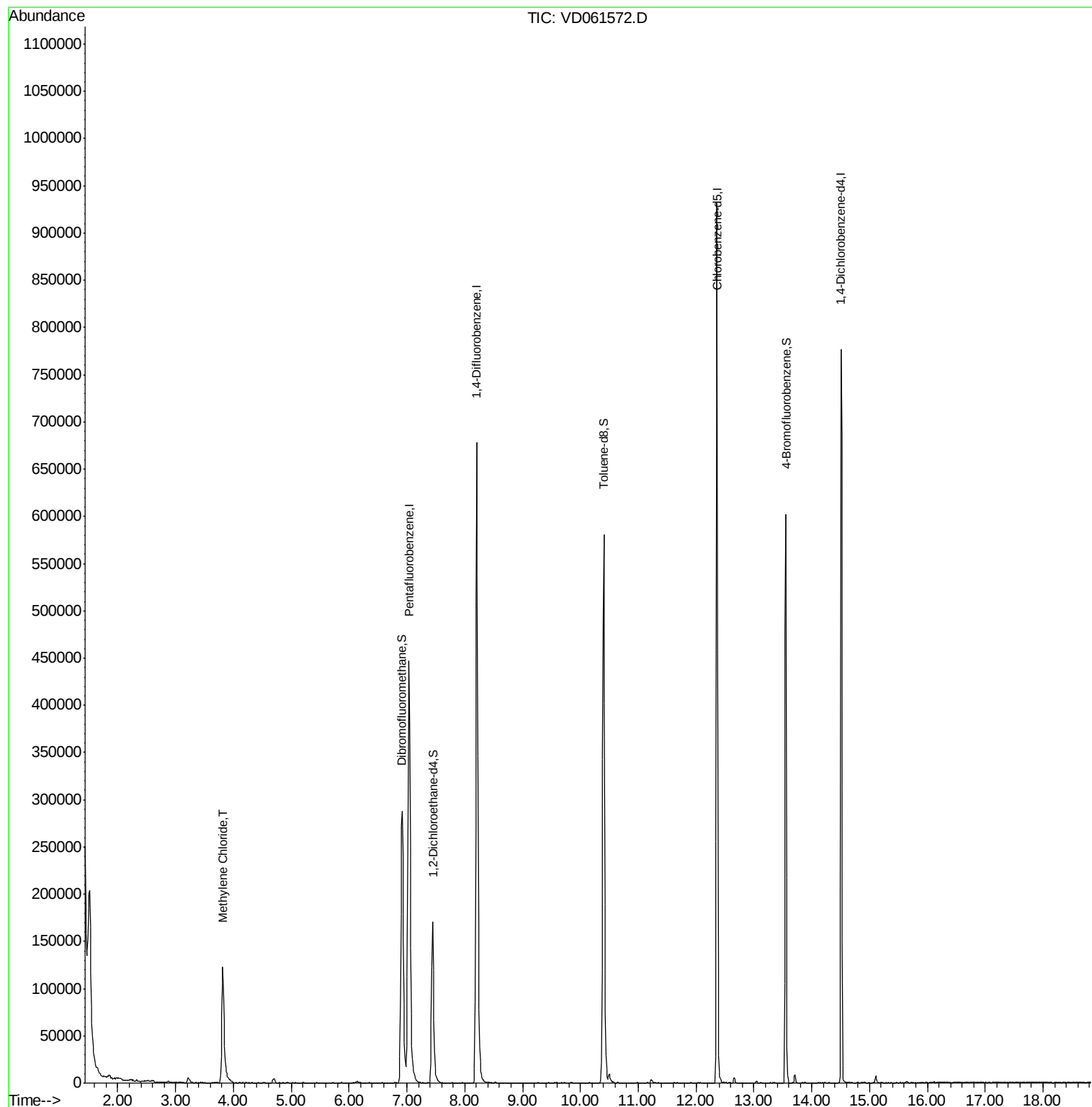
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	458962	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	781487	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	561526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	193488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	177835	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
35) Dibromofluoromethane	6.91	113	280879	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.40	98	526442	36.75	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.50%	
62) 4-Bromofluorobenzene	13.55	95	192718	35.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.18%	
Target Compounds						
20) Methylene Chloride	3.82	84	92467	15.035	ug/l	Qvalue 95

(#) = 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: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061572.D

Acq: 3 Apr 2019 22:58

Instrument :

MSVOA_D

ClientSampleId :

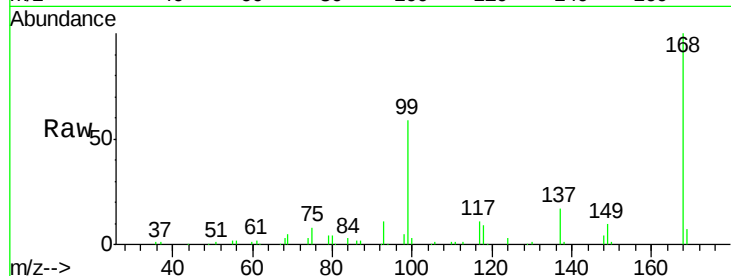
VN-SP-2RE

Tot Ion:168 Resp: 458962

Ion Ratio Lower Upper

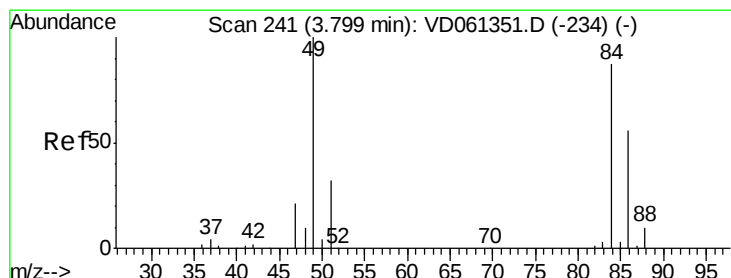
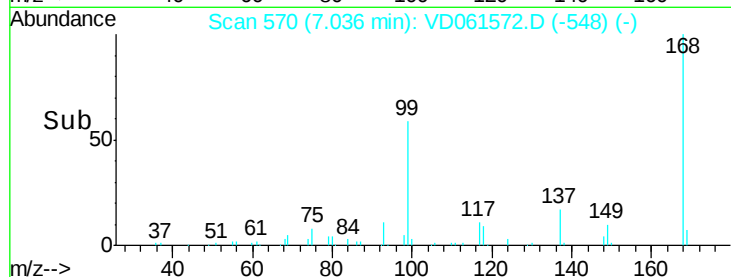
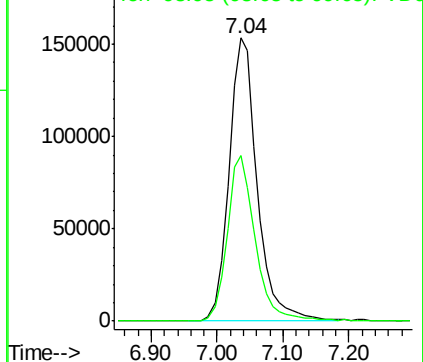
168 100

99 58.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 15.035 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061572.D

Acq: 3 Apr 2019 22:58

Tgt Ion: 84 Resp: 92467

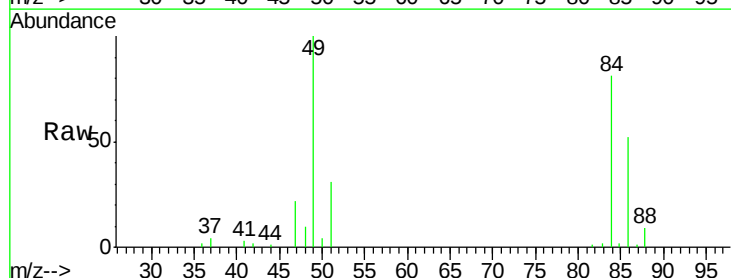
Ion Ratio Lower Upper

84 100

49 123.5 91.8 137.8

51 38.6 29.8 44.8

86 64.7 51.8 77.6

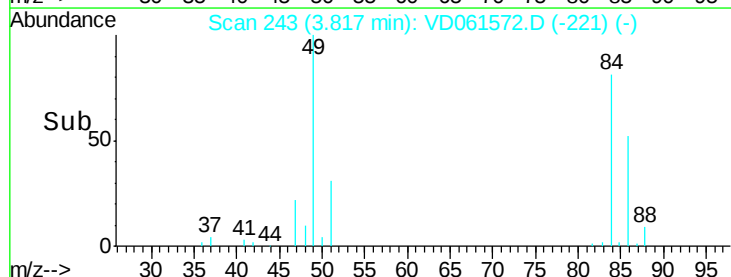
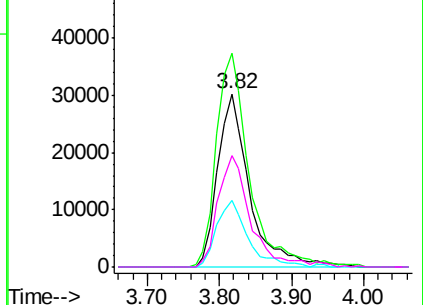


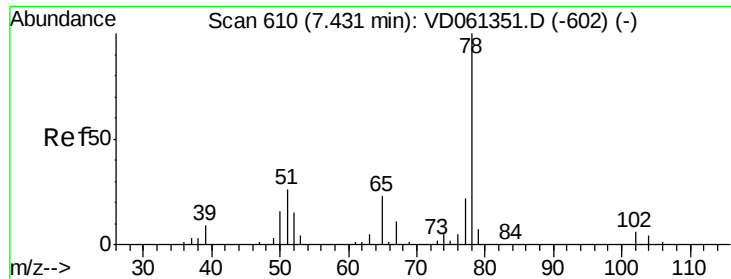
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

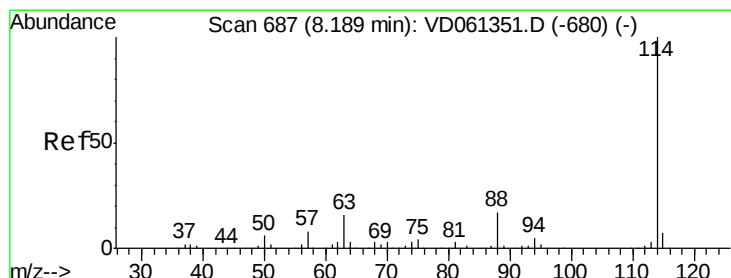
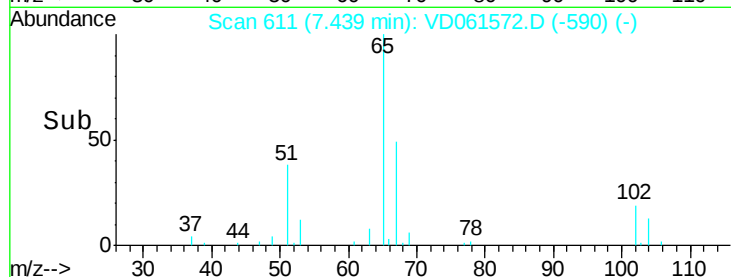
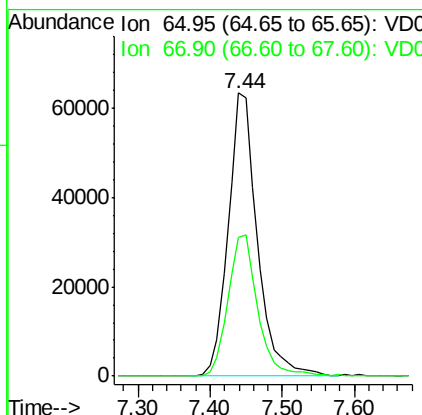
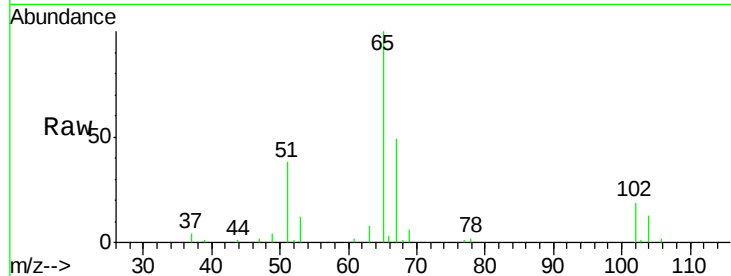




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061572.D
 Acq: 3 Apr 2019 22:58

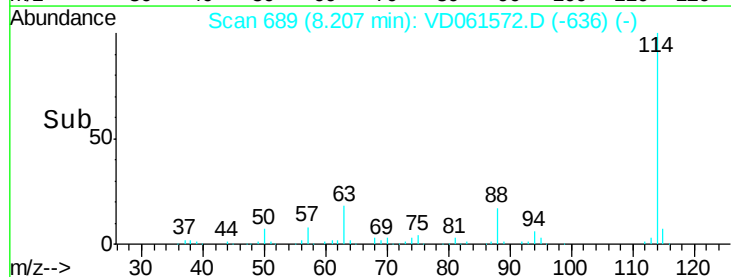
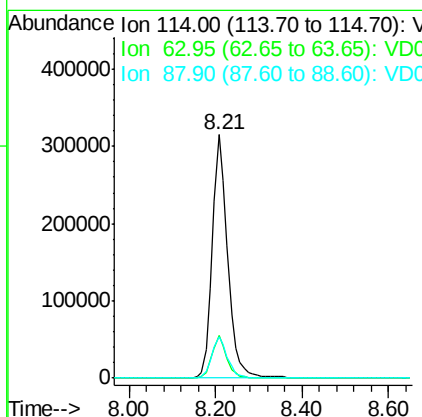
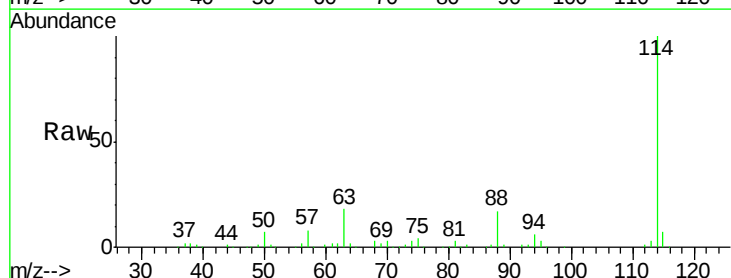
Instrument :
 MSVOA_D
 ClientSampleId :
 VN-SP-2RE

Tot Ion: 65 Resp: 177835
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061572.D
 Acq: 3 Apr 2019 22:58

Tgt Ion: 114 Resp: 781487
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 31.6
 88 17.2 0.0 33.4

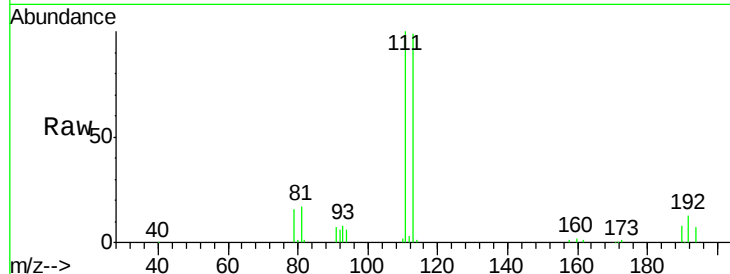




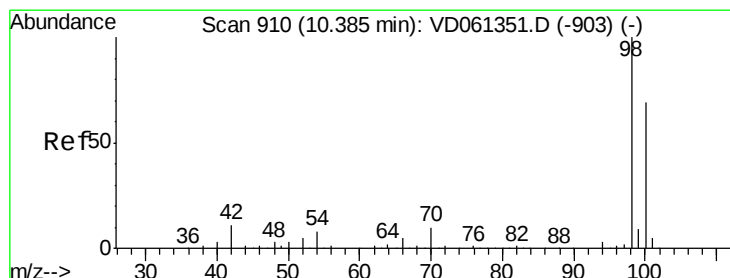
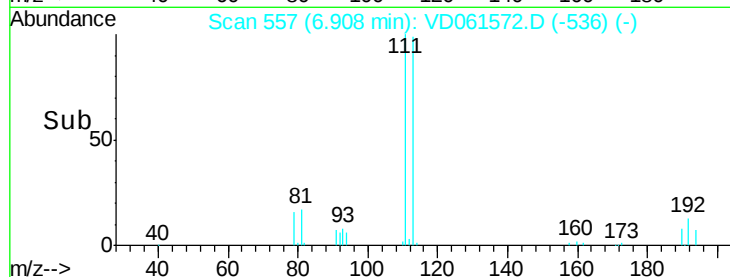
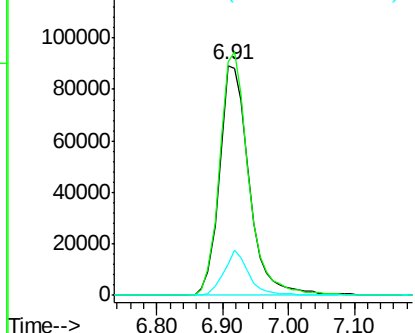
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061572.D
 Acq: 3 Apr 2019 22:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VN-SP-2RE

Tot Ion:113 Resp: 280879
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.0 121.6
 192 13.6 14.4 21.6#

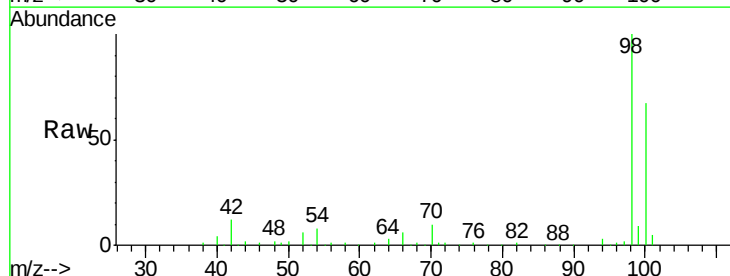


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

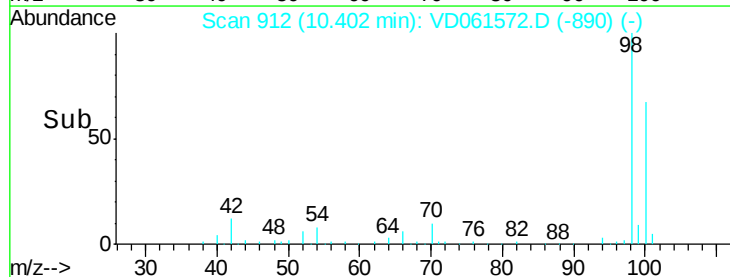
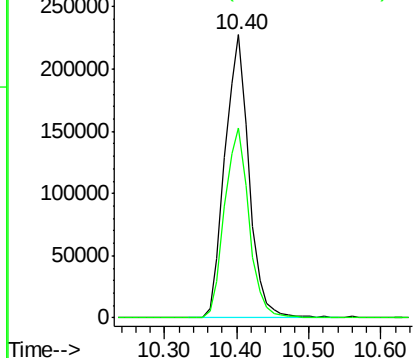


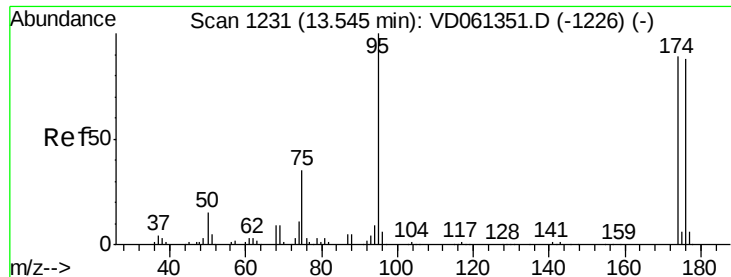
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.02 min
 Lab File: VD061572.D
 Acq: 3 Apr 2019 22:58

Tgt Ion: 98 Resp: 526442
 Ion Ratio Lower Upper
 98 100
 100 67.0 56.2 84.2



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

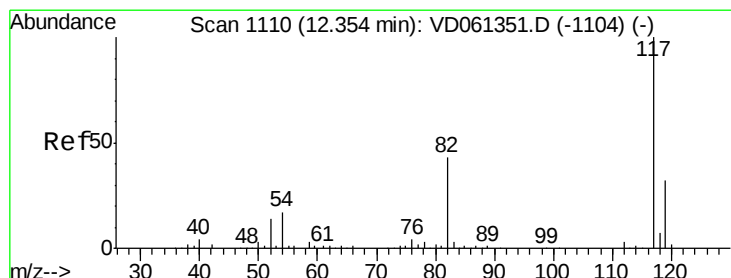
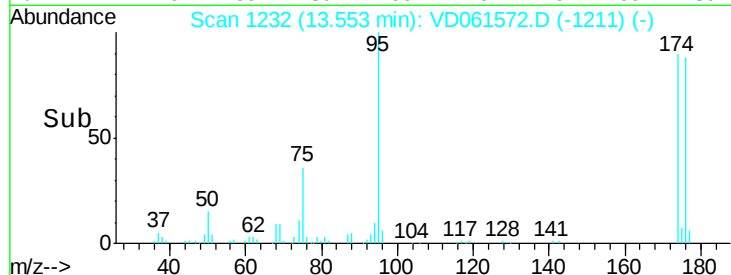
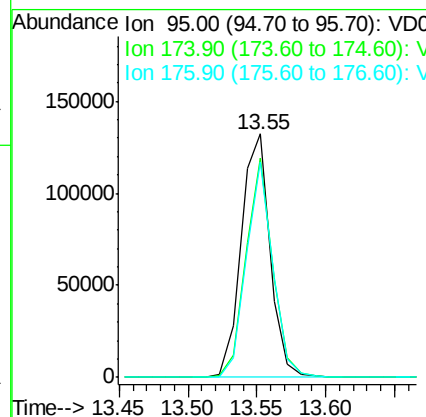
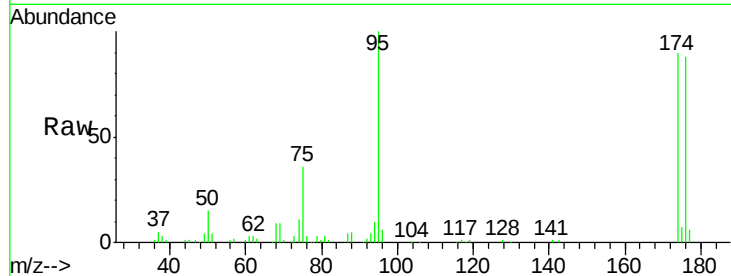




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061572.D
Acq: 3 Apr 2019 22:58

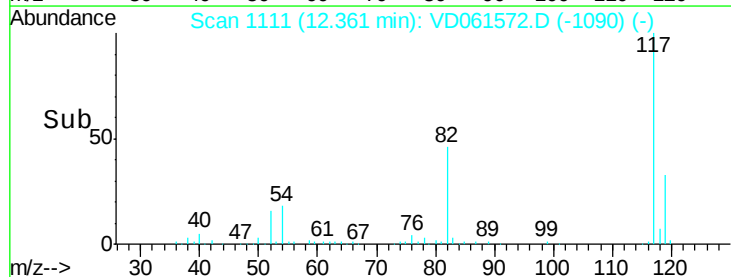
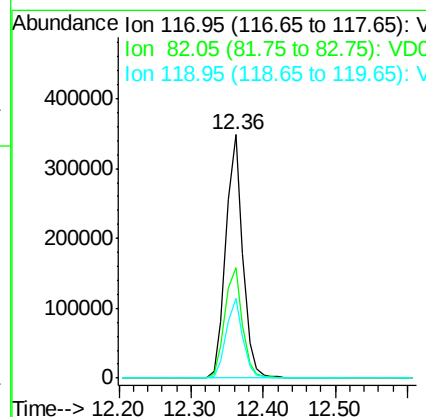
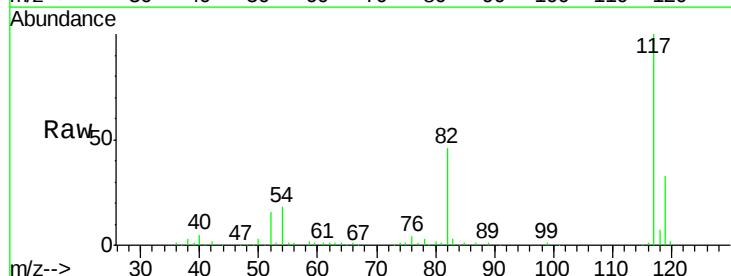
Instrument :
MSVOA_D
ClientSampleId :
VN-SP-2RE

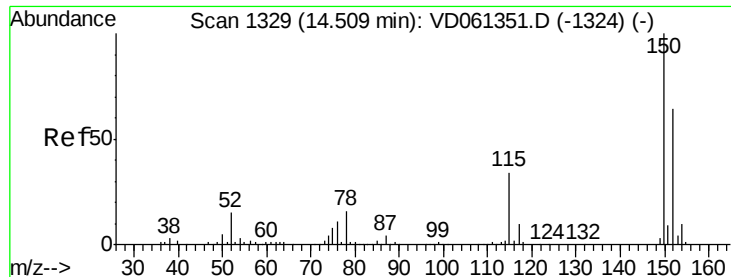
Tot Ion: 95 Resp: 192718
Ion Ratio Lower Upper
95 100
174 90.3 0.0 178.0
176 88.4 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061572.D
Acq: 3 Apr 2019 22:58

Tgt Ion: 117 Resp: 561526
Ion Ratio Lower Upper
117 100
82 45.6 34.4 51.6
119 33.0 25.8 38.6

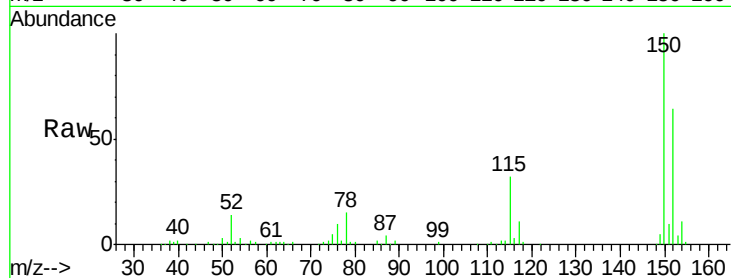




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061572.D
 Acq: 3 Apr 2019 22:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VN-SP-2RE

Tot Ion:152 Resp: 193488
 Ion Ratio Lower Upper
 152 100
 115 49.5 26.9 80.6
 150 156.6 0.0 318.0



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

