

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061552.D
 Acq On : 3 Apr 2019 11:32
 Operator : VA/AP
 Sample : K2203-01
 Misc : 4.60µl/5ml/MSVOA D/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-040219-A

Quant Time: Apr 04 01:23:27 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

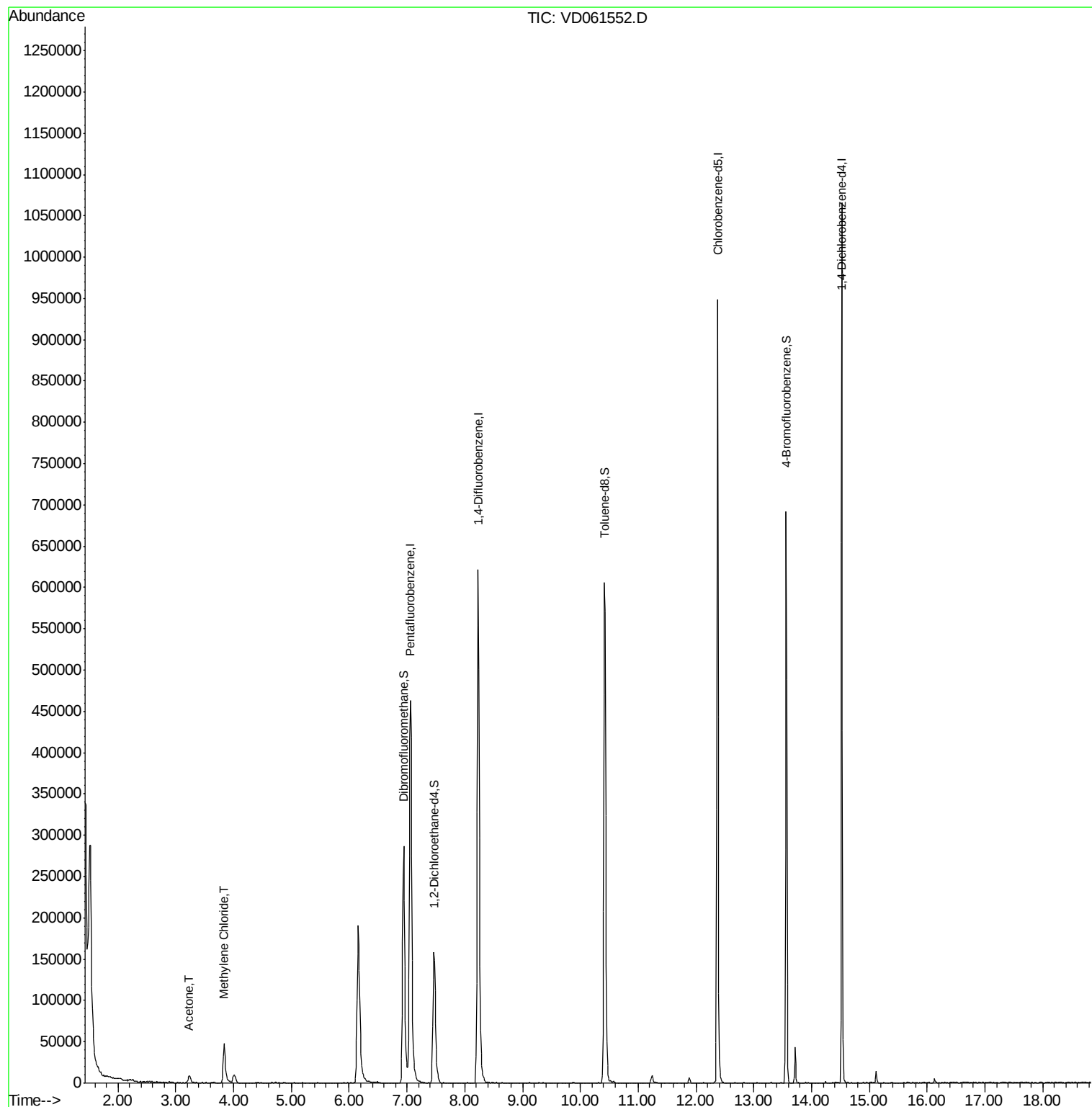
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	485431	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	770353	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	609002	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	238853	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	173693	41.89	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.78%	
35) Dibromofluoromethane	6.94	113	268532	45.61	ug/l	0.04
Spiked Amount 50.000			Recovery	=	91.22%	
50) Toluene-d8	10.42	98	561701	39.78	ug/l	0.03
Spiked Amount 50.000			Recovery	=	79.56%	
62) 4-Bromofluorobenzene	13.56	95	217591	40.19	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.38%	
Target Compounds						
16) Acetone	3.23	43	20502	19.233	ug/l	93
20) Methylene Chloride	3.83	84	36674	4.390	ug/l	98

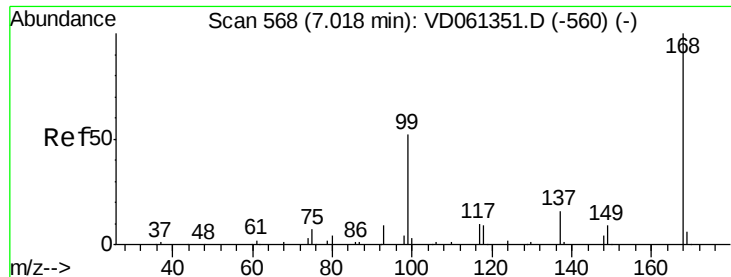
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061552.D

Acq: 3 Apr 2019 11:32

Instrument :

MSVOA_D

ClientSampleId :

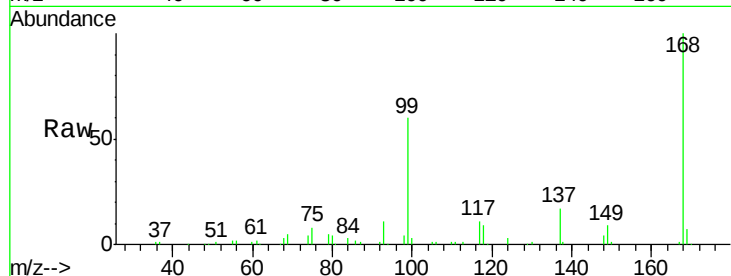
SU-03-040219-A

Tot Ion:168 Resp: 485431

Ion Ratio Lower Upper

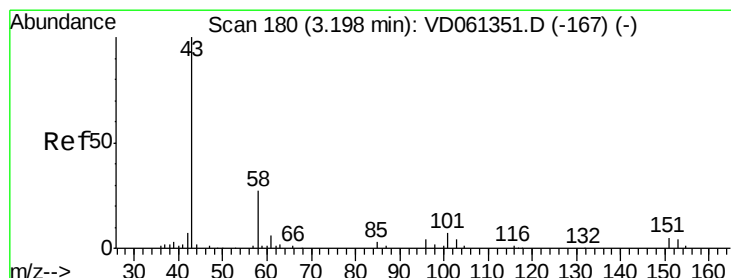
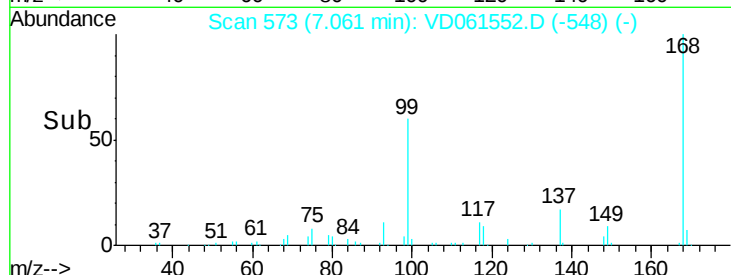
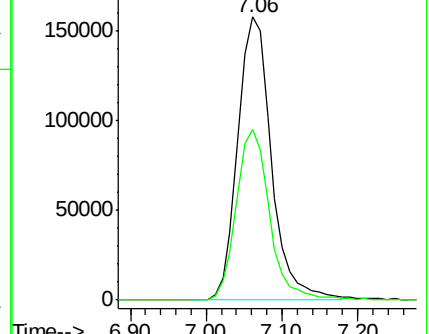
168 100

99 60.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 19.233 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.03 min

Lab File: VD061552.D

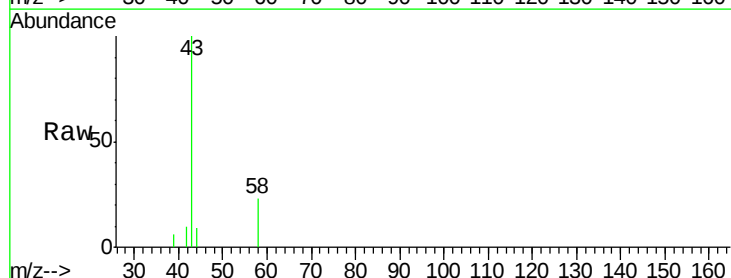
Acq: 3 Apr 2019 11:32

Tgt Ion: 43 Resp: 20502

Ion Ratio Lower Upper

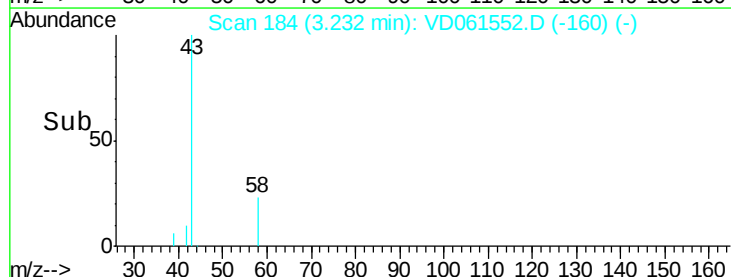
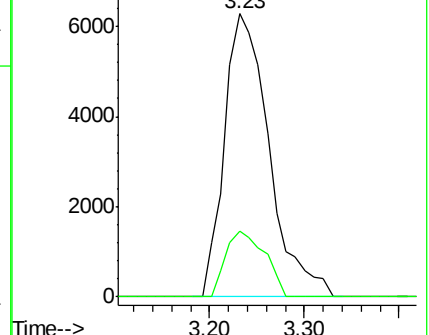
43 100

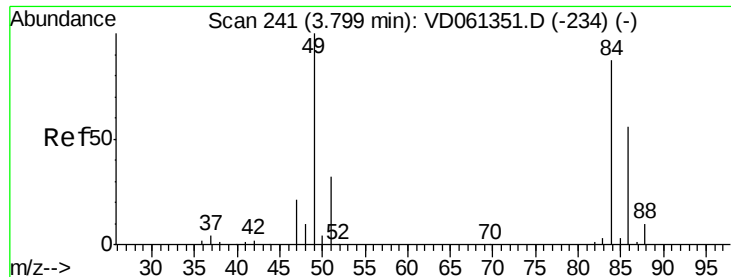
58 23.4 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

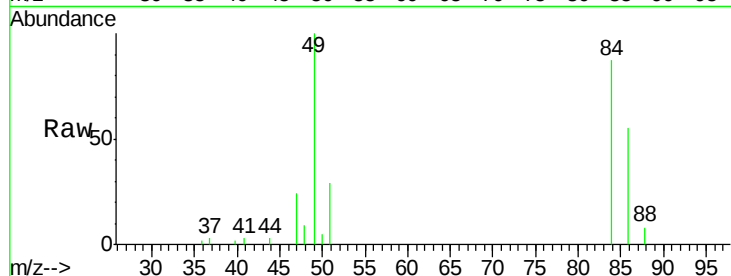




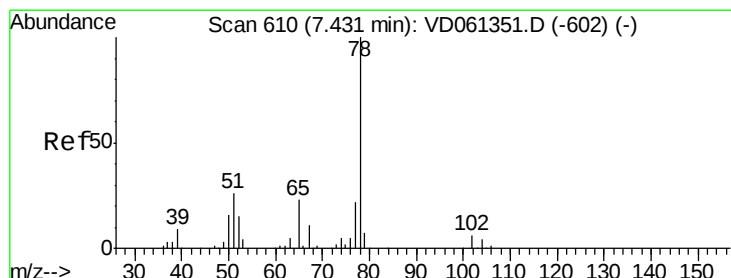
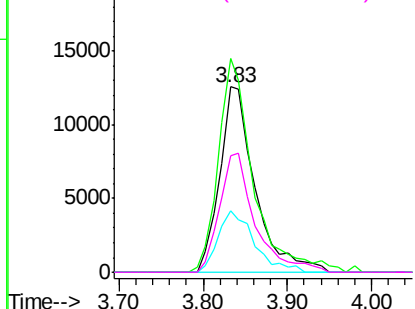
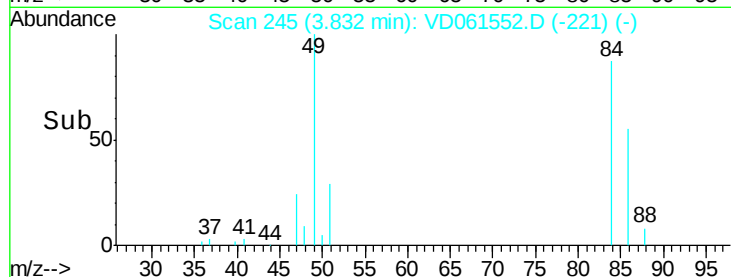
#20
Methvlene Chloride
Concen: 4.390 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.03 min
Lab File: VD061552.D
Acq: 3 Apr 2019 11:32

Instrument :
MSVOA_D
ClientSampleId :
SU-03-040219-A

Tot Ion: 84 Resp: 36674
Ion Ratio Lower Upper
84 100
49 115.3 91.8 137.8
51 33.5 29.8 44.8
86 63.0 51.8 77.6

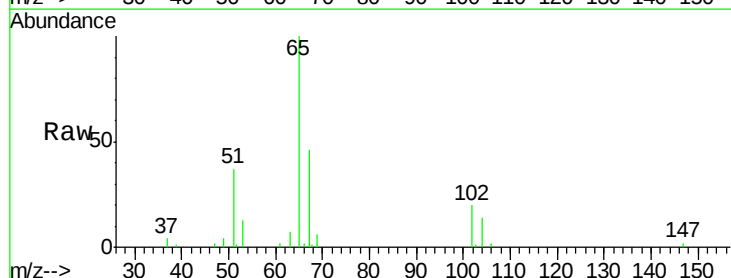


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

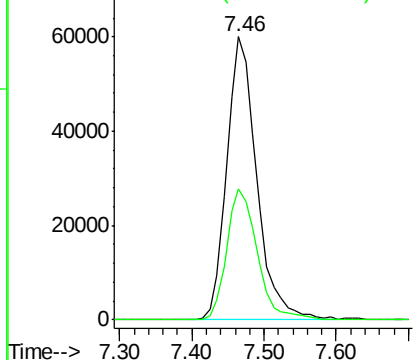
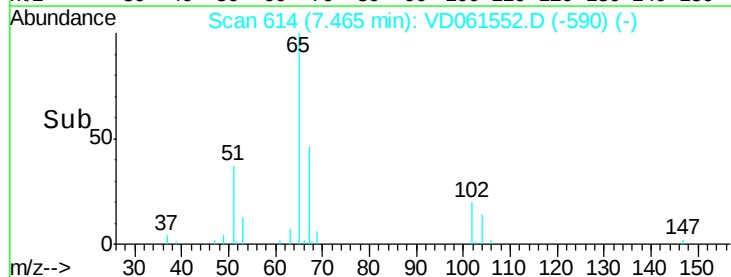


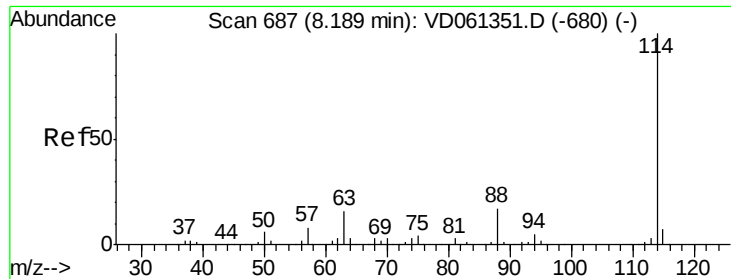
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 614
Delta R.T. 0.03 min
Lab File: VD061552.D
Acq: 3 Apr 2019 11:32

Tgt Ion: 65 Resp: 173693
Ion Ratio Lower Upper
65 100
67 46.4 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

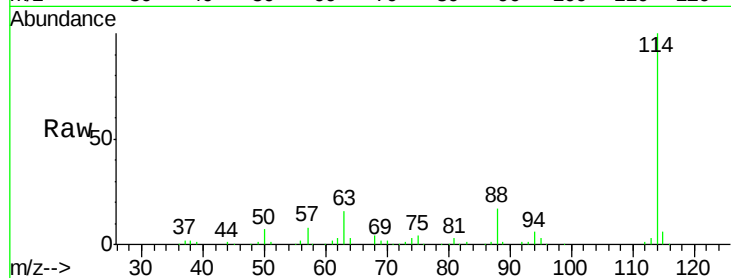




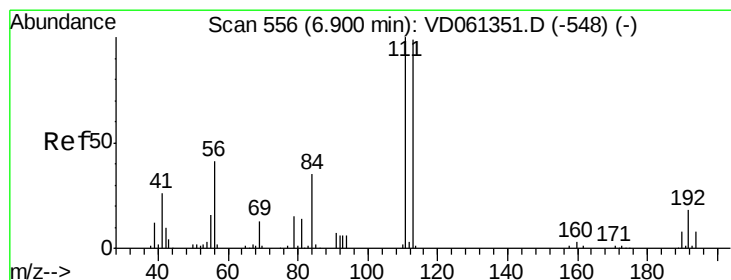
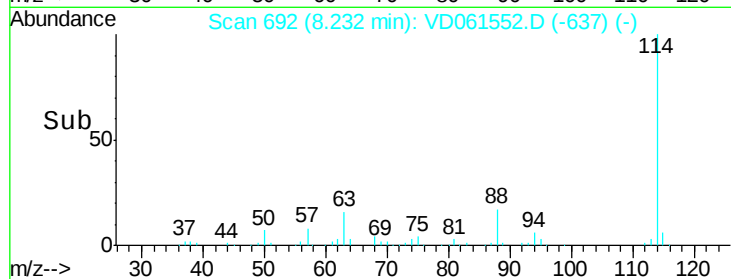
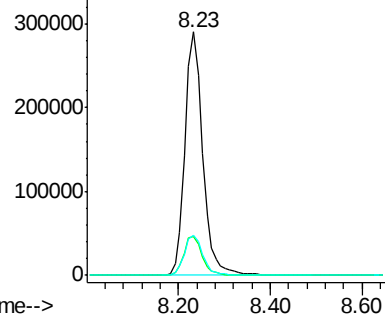
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD061552.D
 Acq: 3 Apr 2019 11:32

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-040219-A

Tot Ion:114 Resp: 770353
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.6
 88 16.6 0.0 33.4

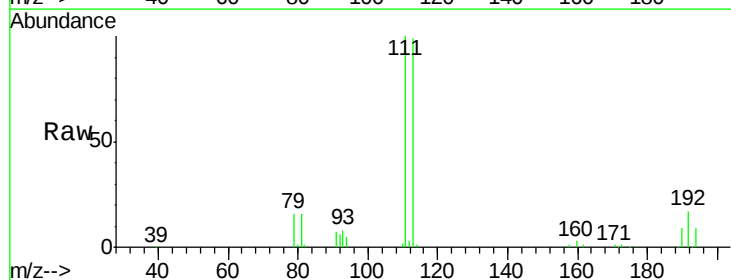


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

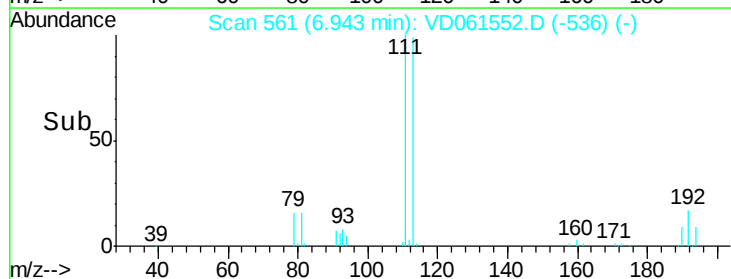
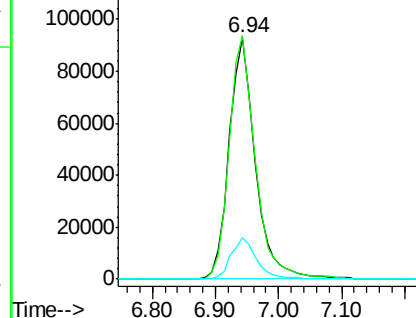


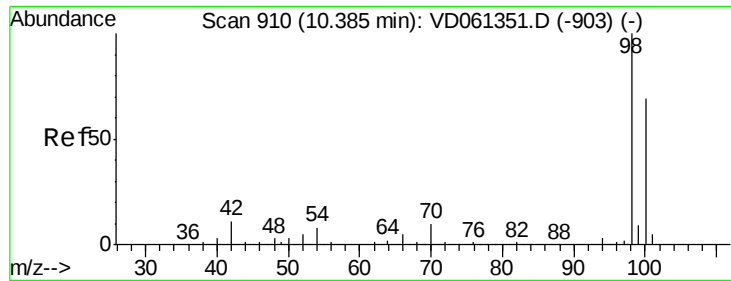
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.04 min
 Lab File: VD061552.D
 Acq: 3 Apr 2019 11:32

Tgt Ion:113 Resp: 268532
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.0 121.6
 192 17.2 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

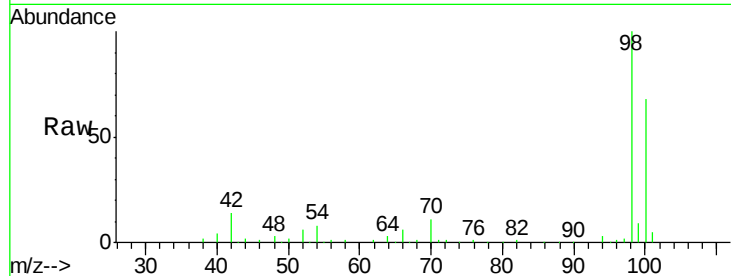




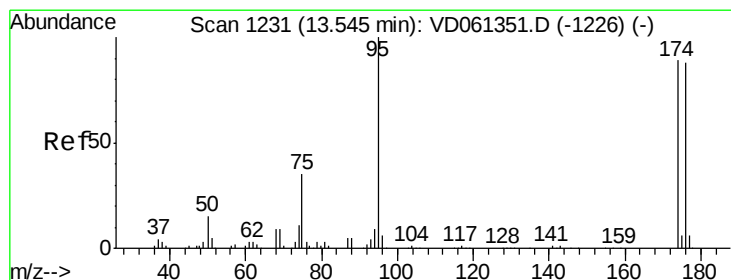
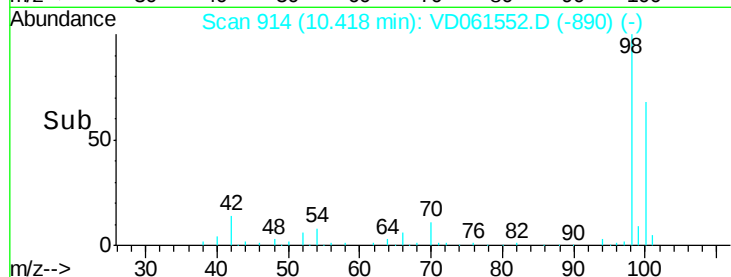
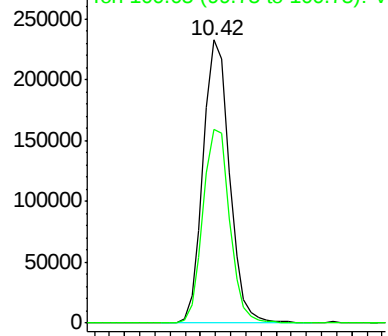
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD061552.D
Acq: 3 Apr 2019 11:32

Instrument :
MSVOA_D
ClientSampleId :
SU-03-040219-A

Tot Ion: 98 Resp: 561701
Ion Ratio Lower Upper
98 100
100 68.3 56.2 84.2

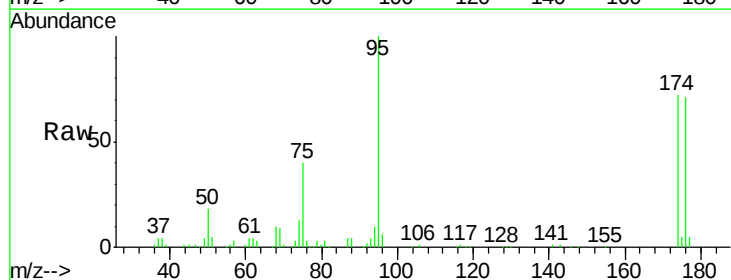


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

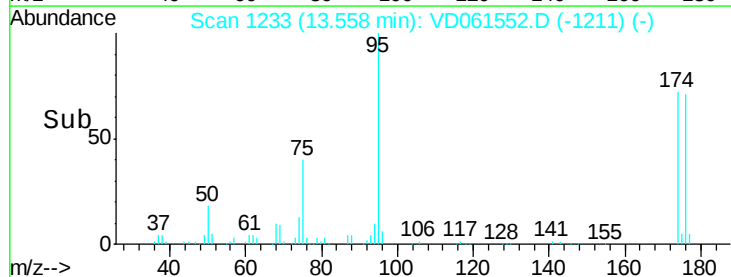
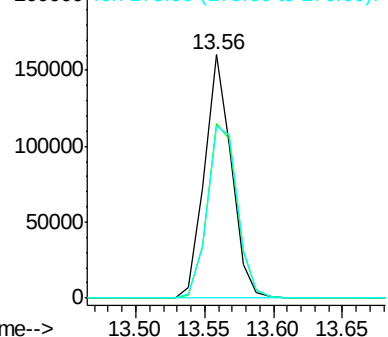


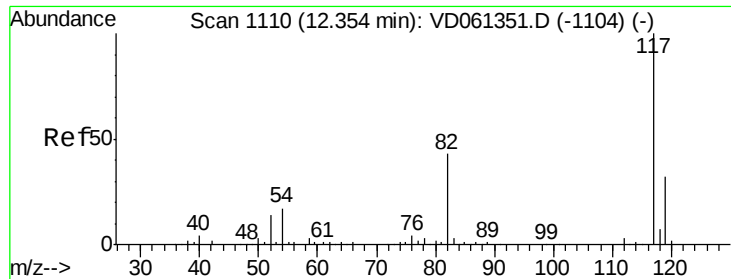
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061552.D
Acq: 3 Apr 2019 11:32

Tgt Ion: 95 Resp: 217591
Ion Ratio Lower Upper
95 100
174 71.8 0.0 178.0
176 70.8 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

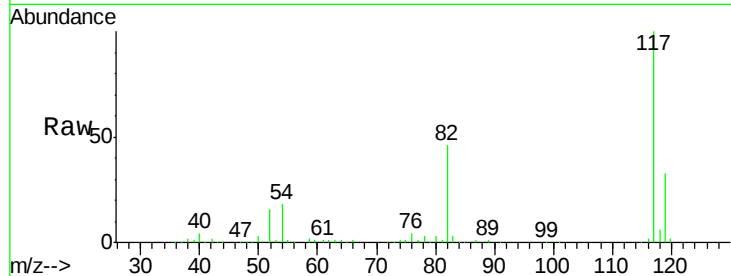




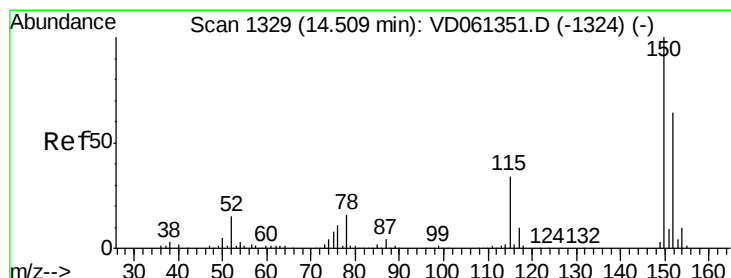
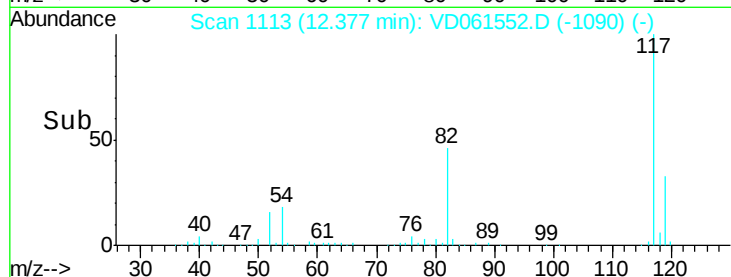
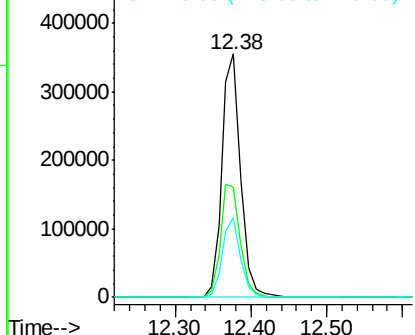
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061552.D
Acq: 3 Apr 2019 11:32

Instrument :
MSVOA_D
ClientSampleId :
SU-03-040219-A

Tot Ion:117 Resp: 609002
Ion Ratio Lower Upper
117 100
82 45.6 34.4 51.6
119 32.9 25.8 38.6

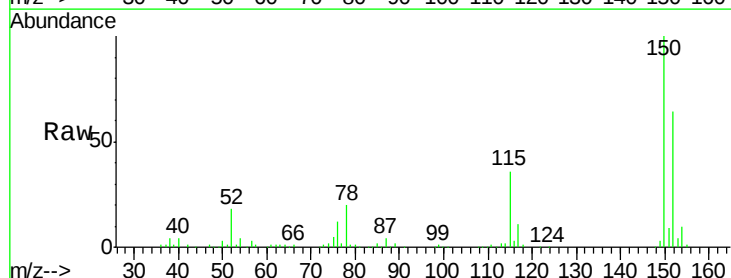


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061552.D
Acq: 3 Apr 2019 11:32

Tgt Ion:152 Resp: 238853
Ion Ratio Lower Upper
152 100
115 55.3 26.9 80.6
150 155.8 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

