

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061499.D
 Acq On : 2 Apr 2019 7:12
 Operator : VA/AP
 Sample : K2180-14
 Misc : 5.28g/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-2

Quant Time: Apr 02 08:17:06 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

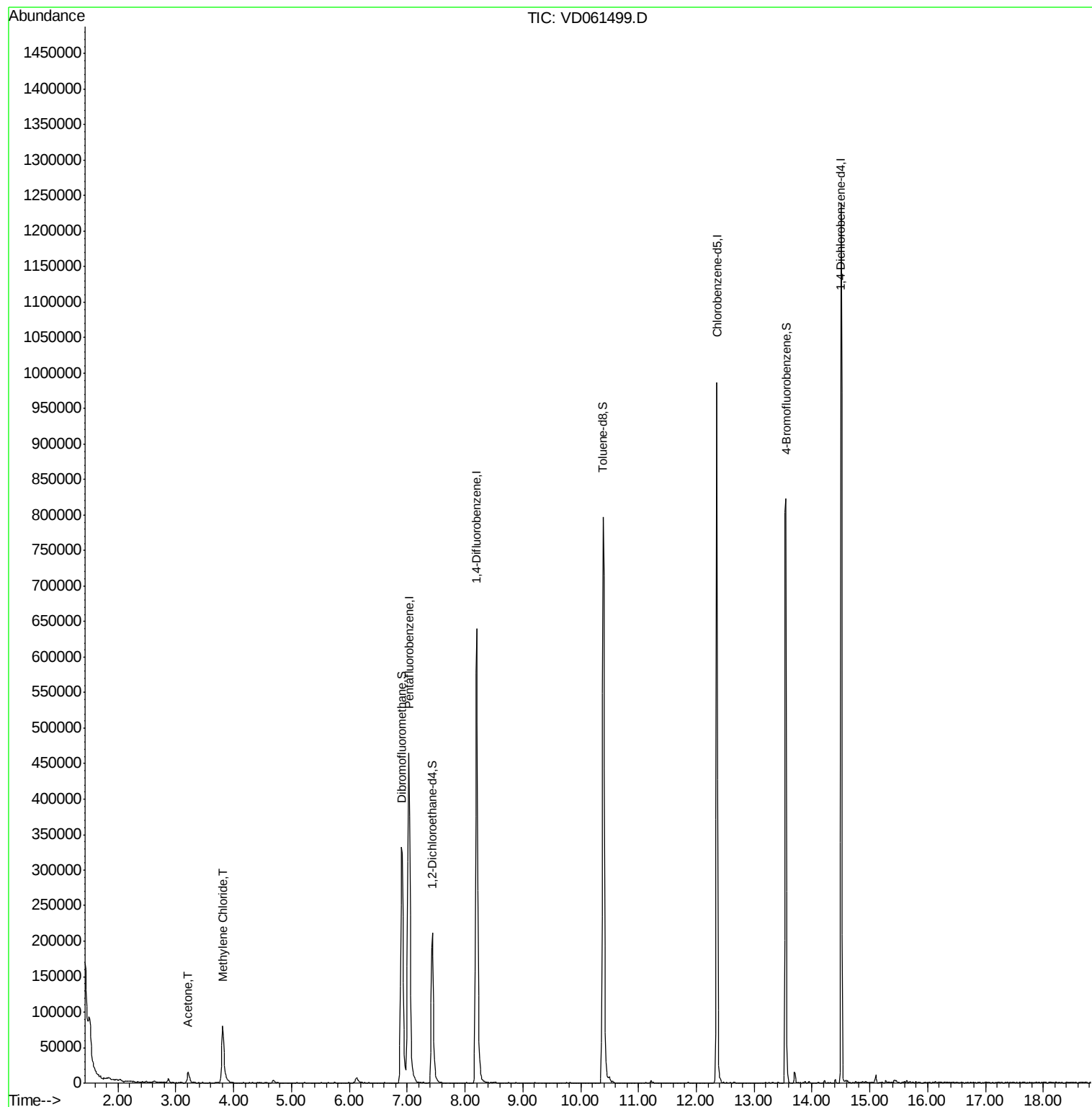
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	486764	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	806818	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	639558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	294139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	221749	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
35) Dibromofluoromethane	6.90	113	324856	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
50) Toluene-d8	10.39	98	711614	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	13.54	95	283977	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
Target Compounds						
16) Acetone	3.21	43	33945	31.756	ug/l	98
20) Methylene Chloride	3.81	84	65798	9.430	ug/l	99

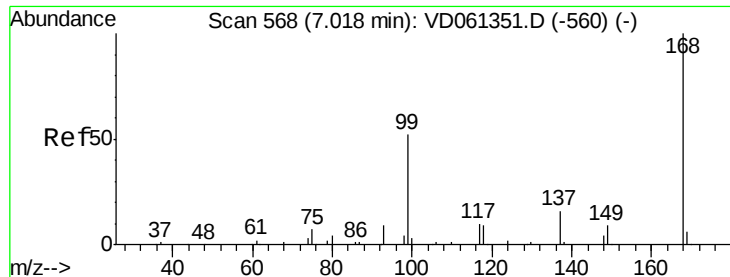
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061499.D

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Instrument :

MSVOA_D

ClientSampleId :

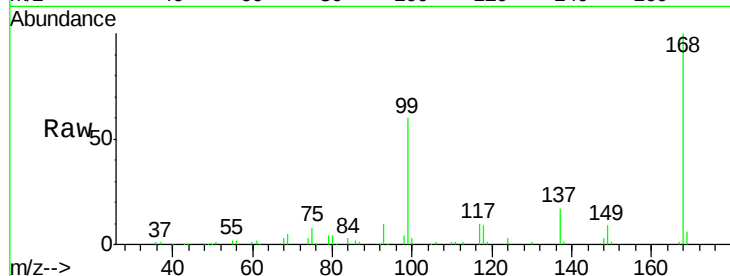
TP-9-2

Tot Ion:168 Resp: 486764

Ion Ratio Lower Upper

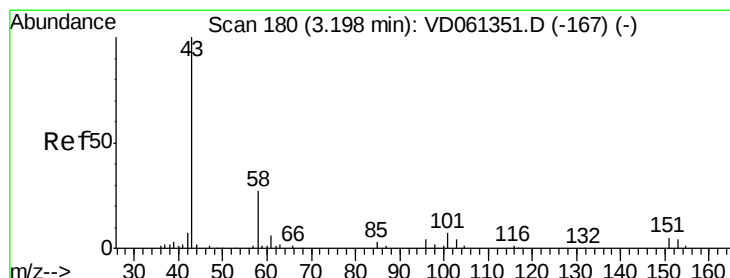
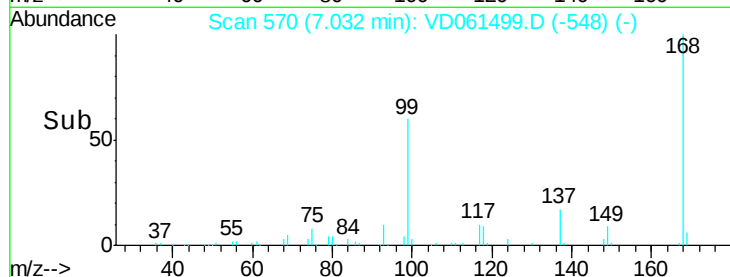
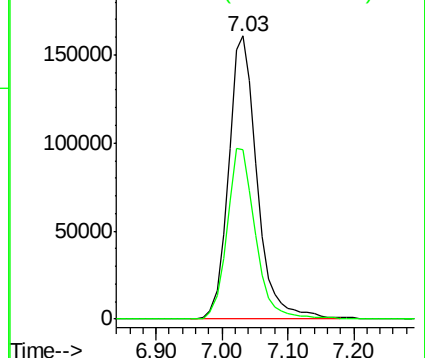
168 100

99 59.8 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: 31.756 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061499.D

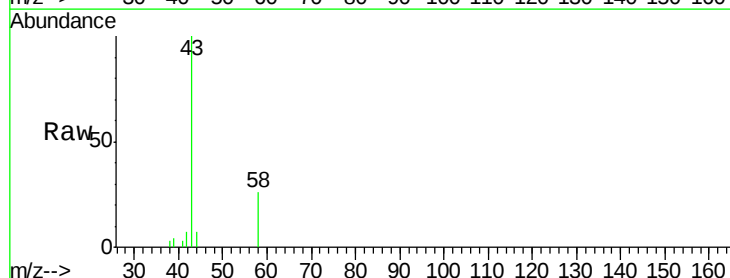
Acq: 2 Apr 2019 7:12

Tgt Ion: 43 Resp: 33945

Ion Ratio Lower Upper

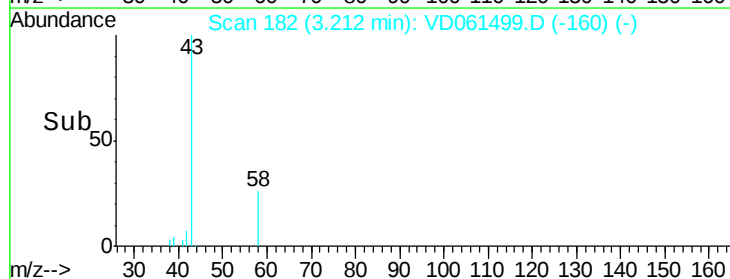
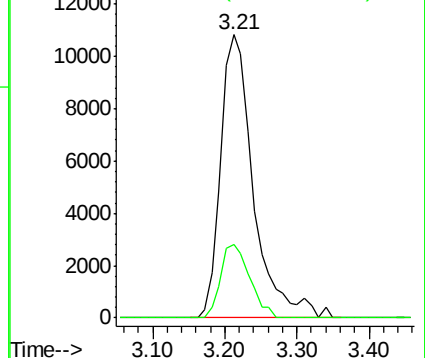
43 100

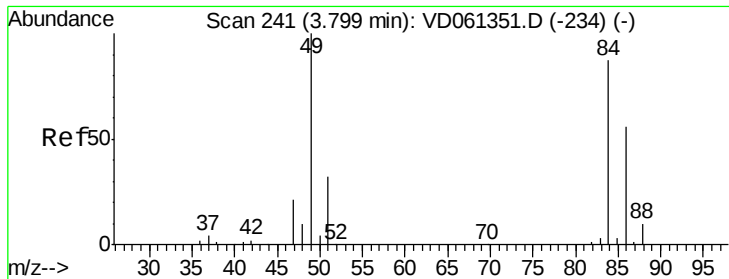
58 25.9 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

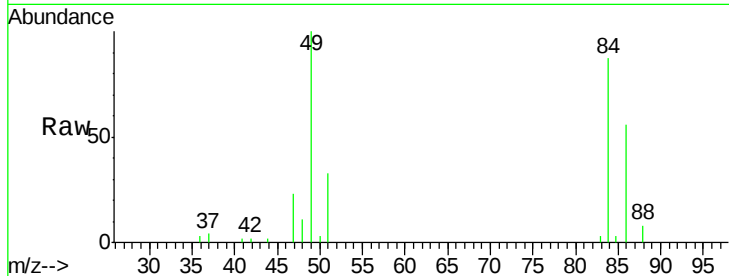




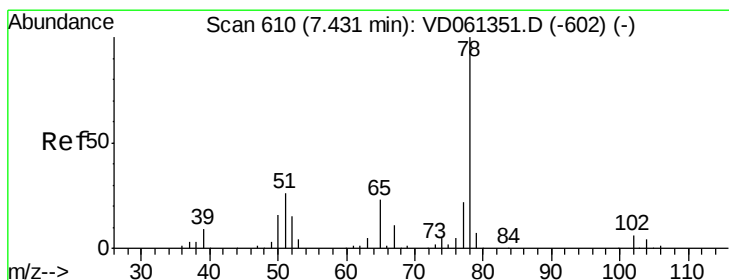
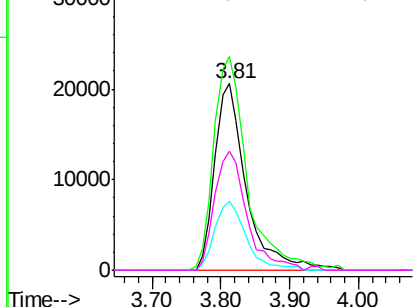
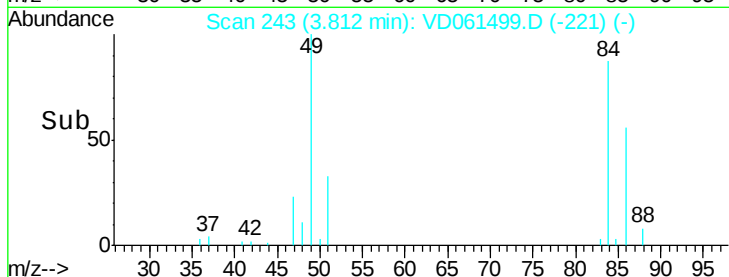
#20
Methylene Chloride
Concen: 9.430 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061499.D
Acq: 2 Apr 2019 7:12

Instrument :
MSVOA_D
ClientSampleId :
TP-9-2

Tot Ion: 84 Resp: 65798
Ion Ratio Lower Upper
84 100
49 114.4 91.8 137.8
51 37.2 29.8 44.8
86 63.9 51.8 77.6

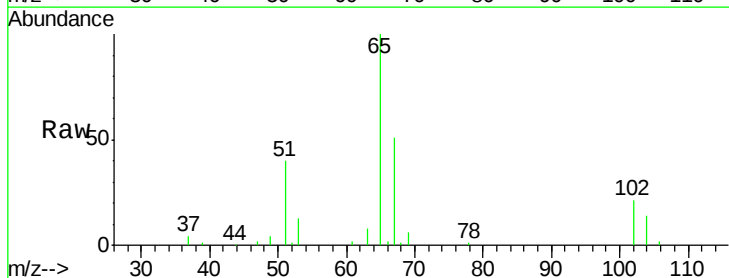


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

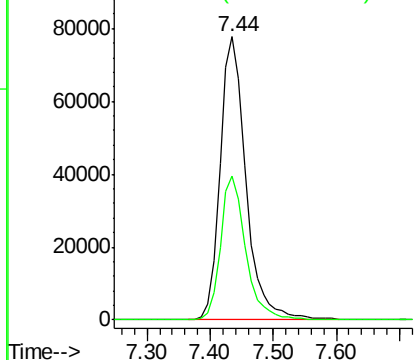
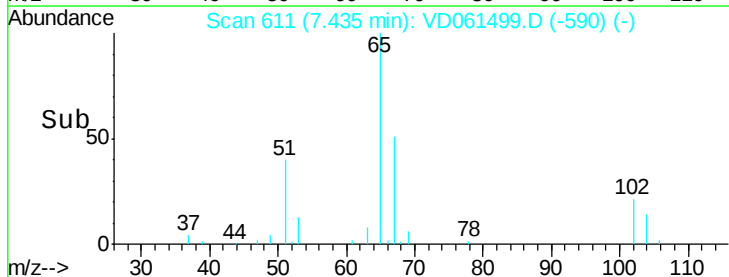


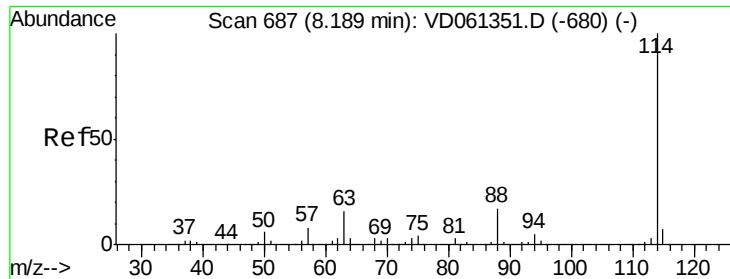
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.00 min
Lab File: VD061499.D
Acq: 2 Apr 2019 7:12

Tgt Ion: 65 Resp: 221749
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.8



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

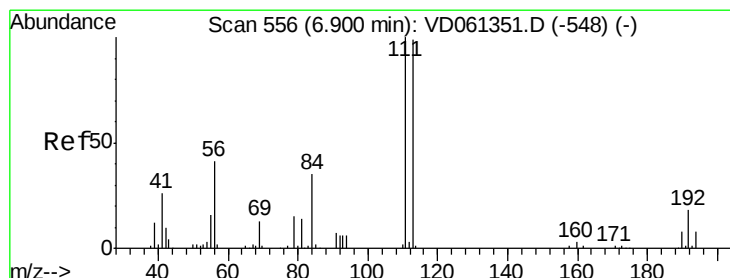
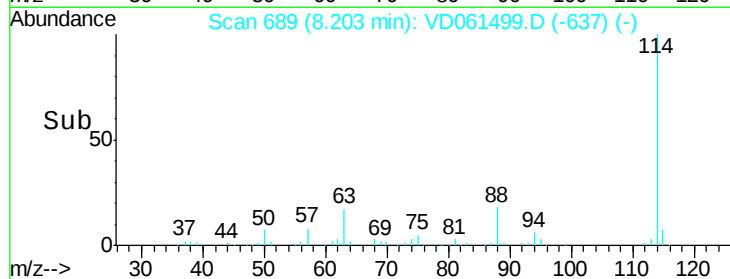
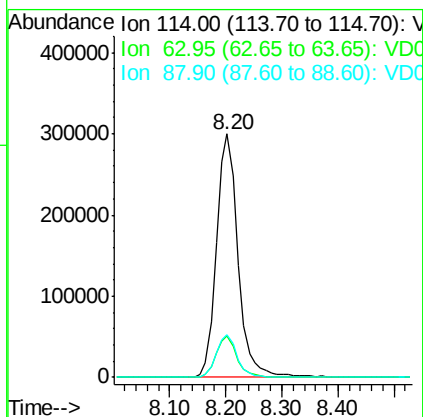
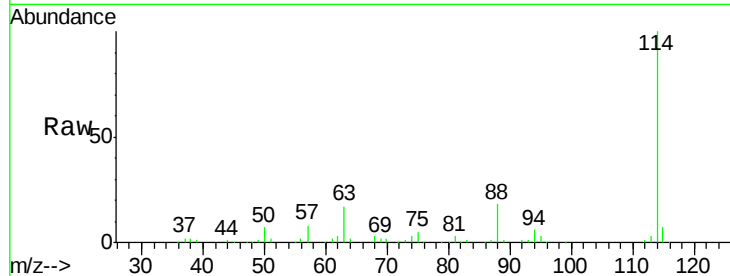




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061499.D
 Acq: 2 Apr 2019 7:12

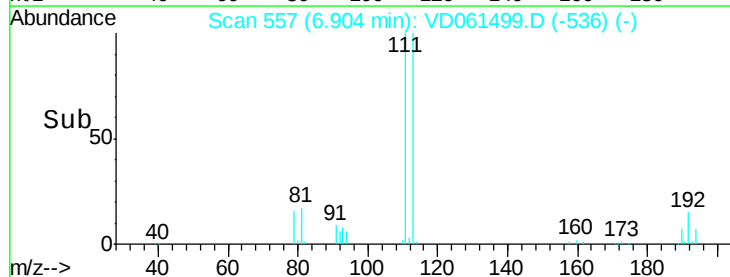
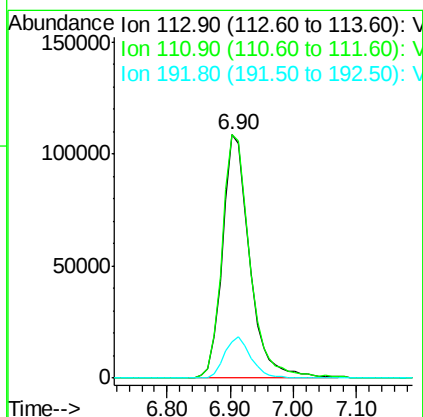
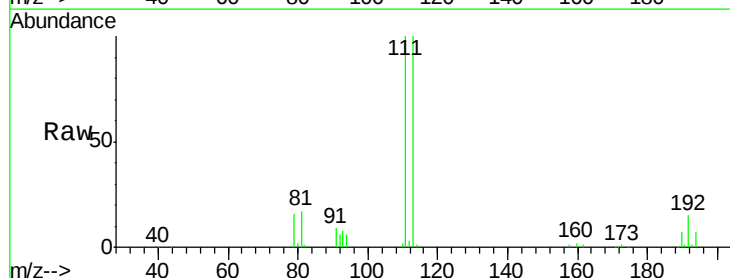
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-2

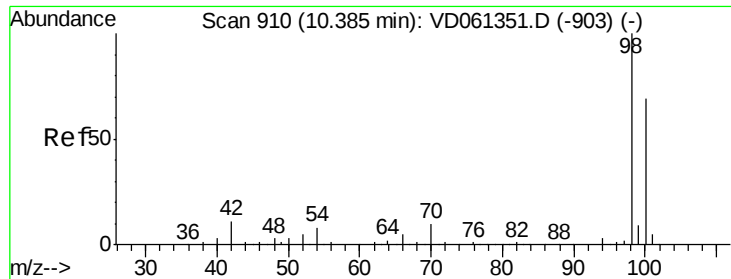
Tot Ion:114 Resp: 806818
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 31.6
 88 17.8 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD061499.D
 Acq: 2 Apr 2019 7:12

Tgt Ion:113 Resp: 324856
 Ion Ratio Lower Upper
 113 100
 111 99.9 81.0 121.6
 192 14.9 14.4 21.6

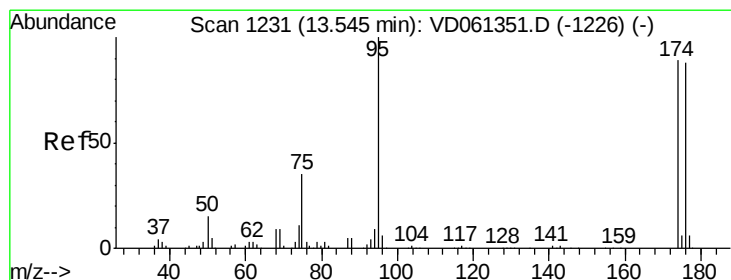
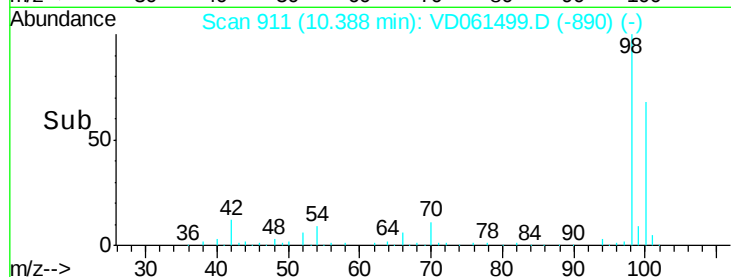
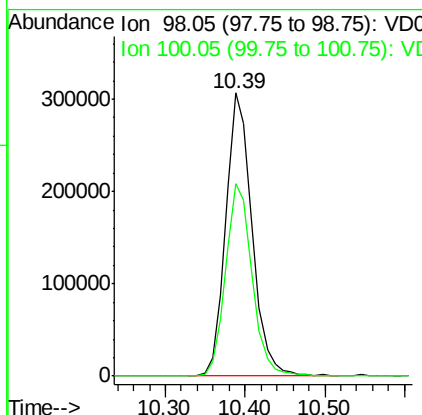
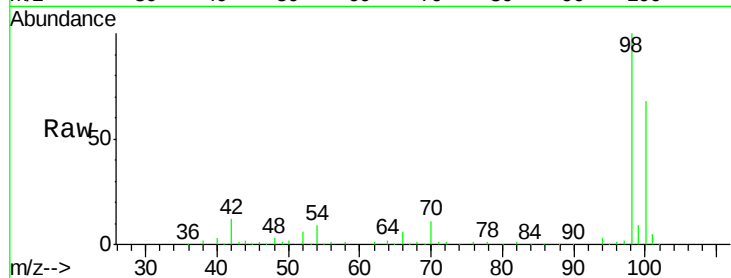




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061499.D
Acq: 2 Apr 2019 7:12

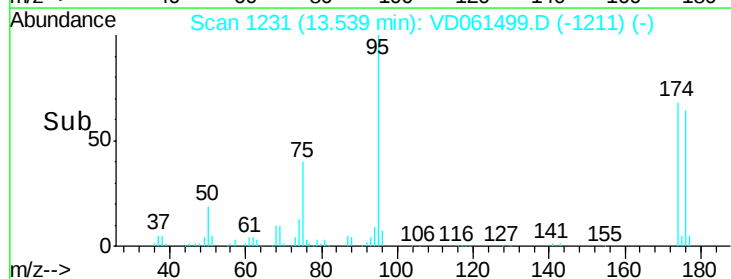
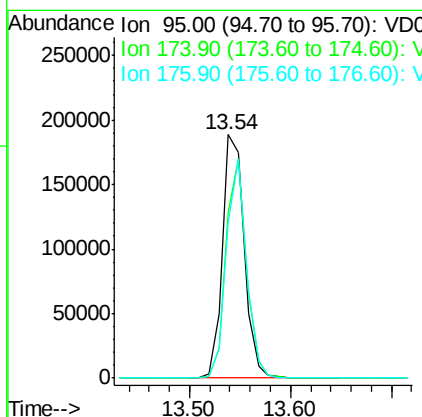
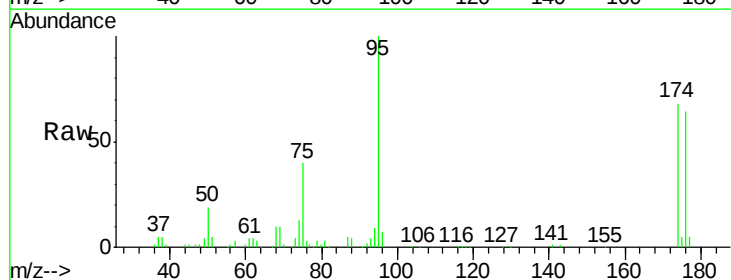
Instrument :
MSVOA_D
ClientSampleId :
TP-9-2

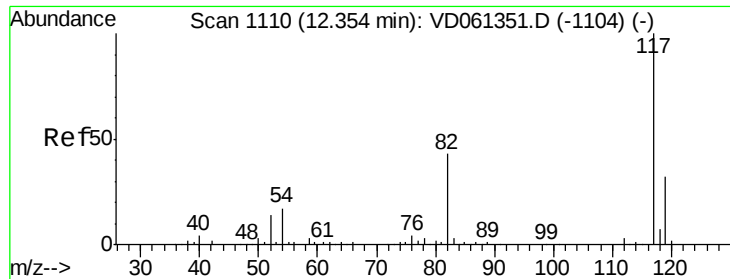
Tot Ion: 98 Resp: 711614
Ion Ratio Lower Upper
98 100
100 67.8 56.2 84.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061499.D
Acq: 2 Apr 2019 7:12

Tgt Ion: 95 Resp: 283977
Ion Ratio Lower Upper
95 100
174 67.8 0.0 178.0
176 63.6 0.0 175.0

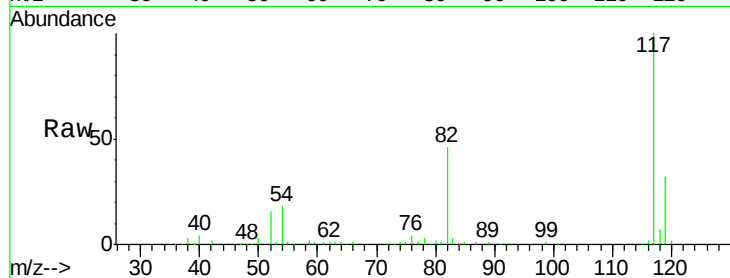




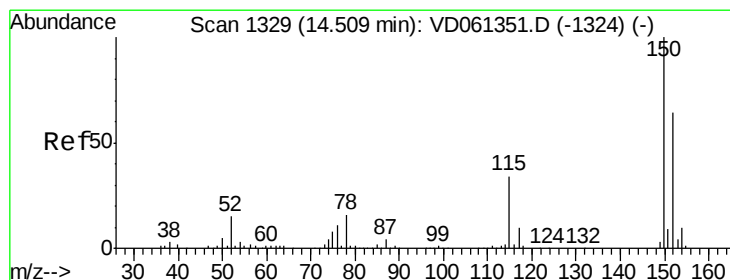
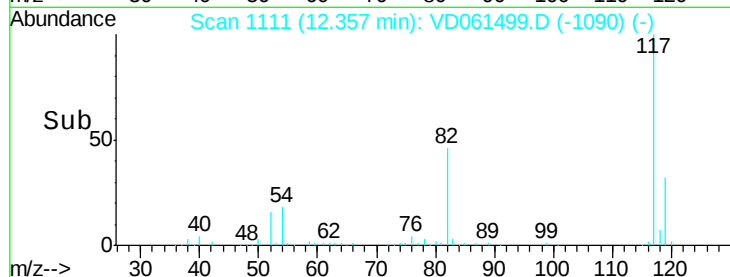
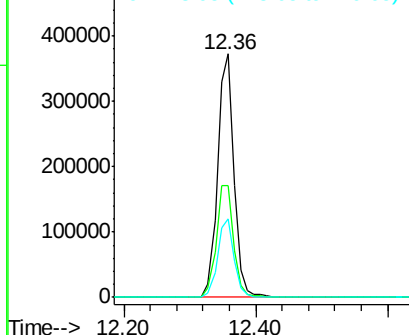
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VD061499.D
 Acq: 2 Apr 2019 7:12

Instrument :
 MSVOA_D
 ClientSampleID :
 TP-9-2

Tot Ion:117 Resp: 639558
 Ion Ratio Lower Upper
 117 100
 82 45.8 34.4 51.6
 119 32.3 25.8 38.6

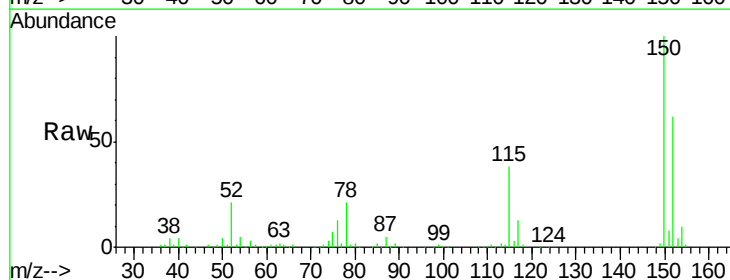


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061499.D
 Acq: 2 Apr 2019 7:12

Tgt Ion:152 Resp: 294139
 Ion Ratio Lower Upper
 152 100
 115 61.5 26.9 80.6
 150 161.8 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

