

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061573.D
 Acq On : 3 Apr 2019 23:26
 Operator : VA/AP
 Sample : K2196-01RE
 Misc : 5.82g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-040119RE

Quant Time: Apr 04 03:43:11 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

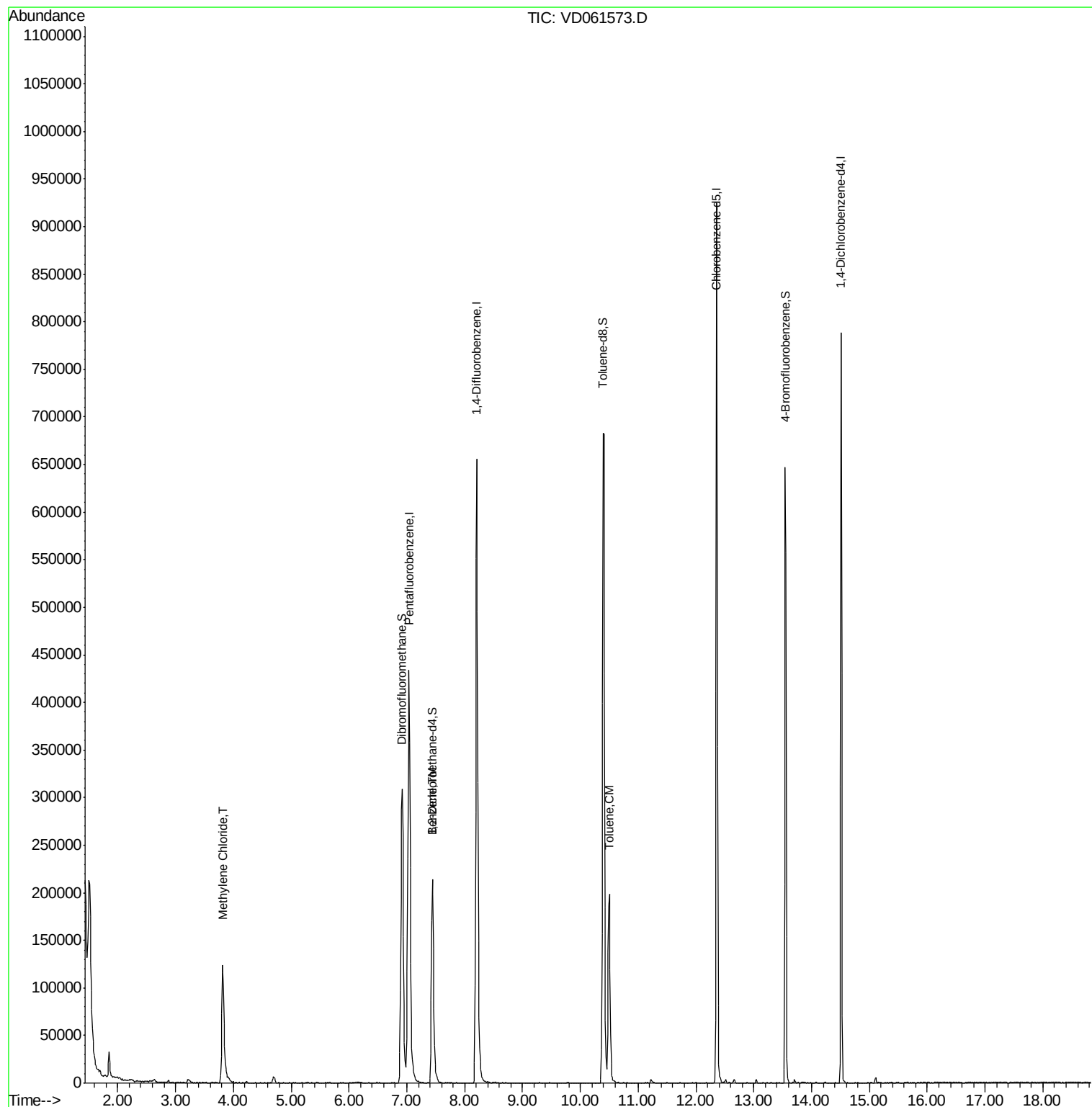
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	433268	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	774883	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.35	117	593045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	171974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	209621	56.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	113.28%	
35) Dibromofluoromethane	6.92	113	296857	50.13	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.40	98	620248	43.67	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.34%	
62) 4-Bromofluorobenzene	13.55	95	211346	38.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.62%	
Target Compounds						
20) Methylene Chloride	3.82	84	93411	16.229	ug/l	95
40) Benzene	7.45	78	23427	1.380	ug/l	99
52) Toluene	10.50	92	116623	11.263	ug/l	97

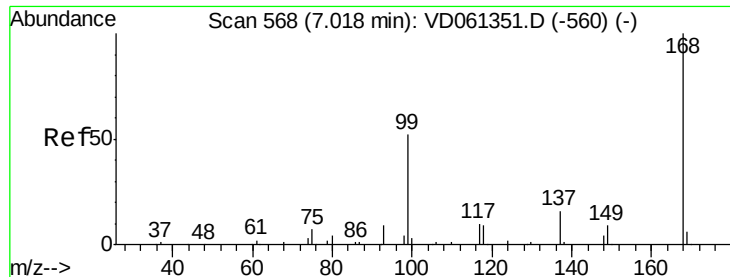
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061573.D

Acq: 3 Apr 2019 23:26

Instrument :

MSVOA_D

ClientSampleId :

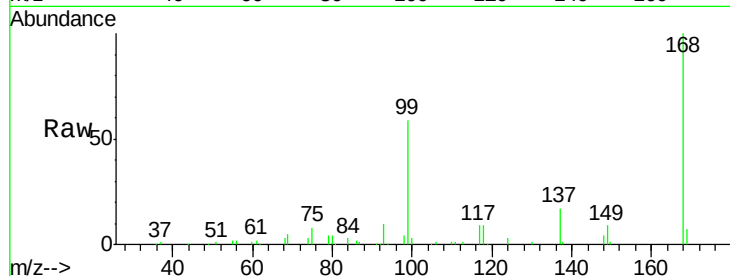
HD-01-040119RE

Tot Ion:168 Resp: 433268

Ion Ratio Lower Upper

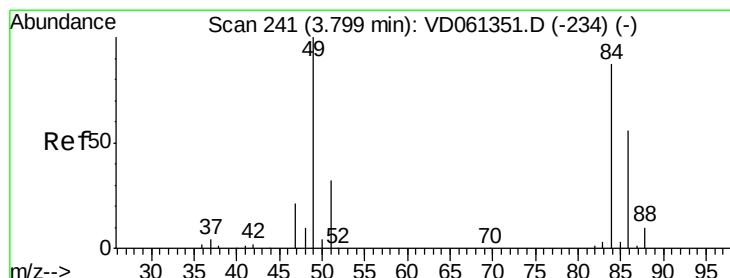
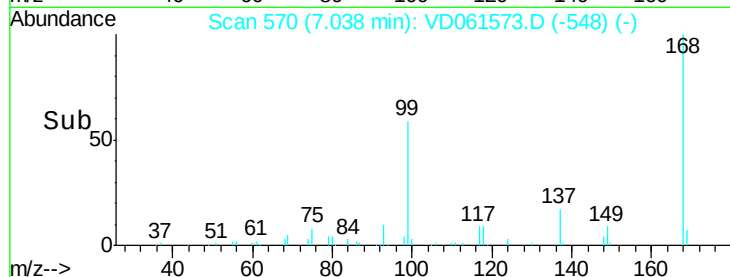
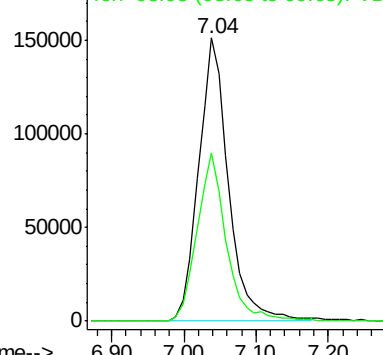
168 100

99 59.4 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: 16.229 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061573.D

Acq: 3 Apr 2019 23:26

Tgt Ion: 84 Resp: 93411

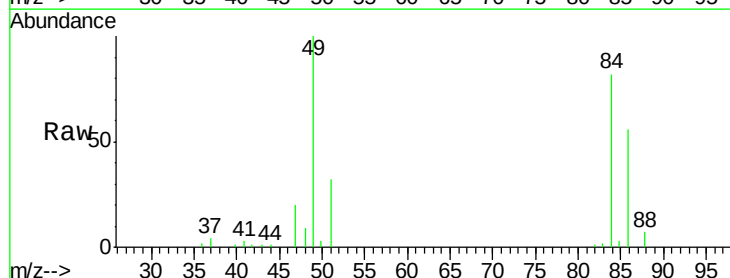
Ion Ratio Lower Upper

84 100

49 122.0 91.8 137.8

51 38.5 29.8 44.8

86 68.7 51.8 77.6

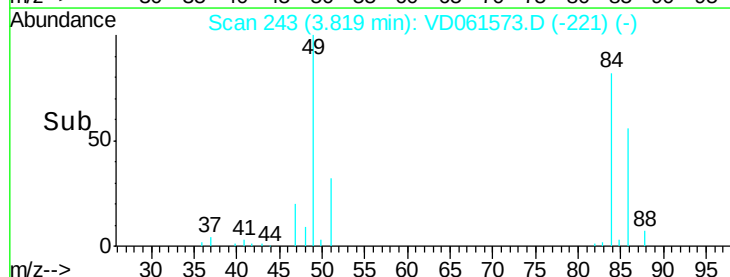
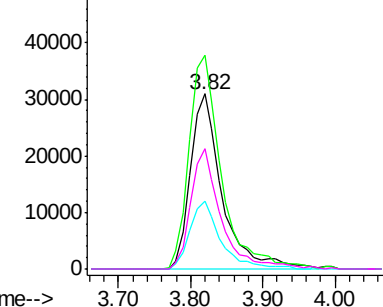


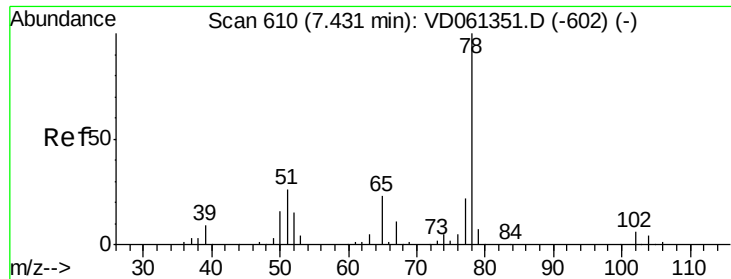
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

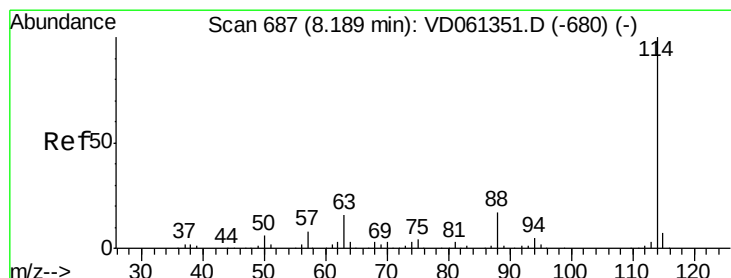
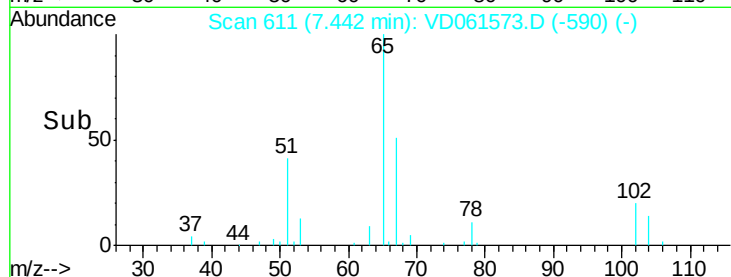
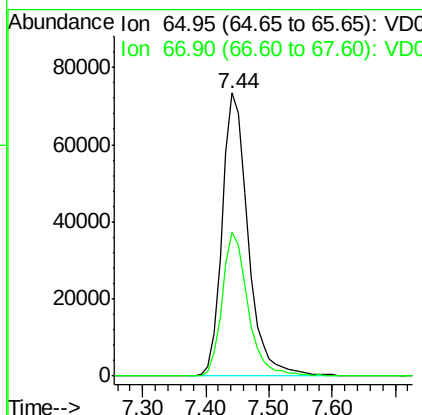
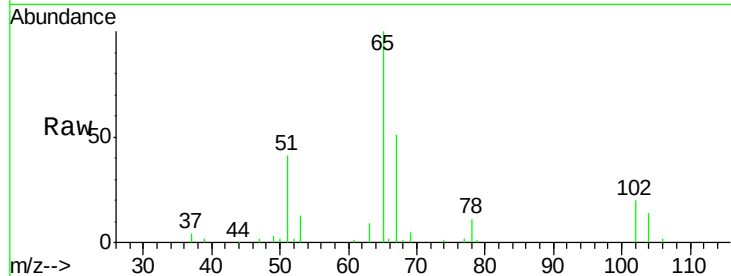




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061573.D
 Acq: 3 Apr 2019 23:26

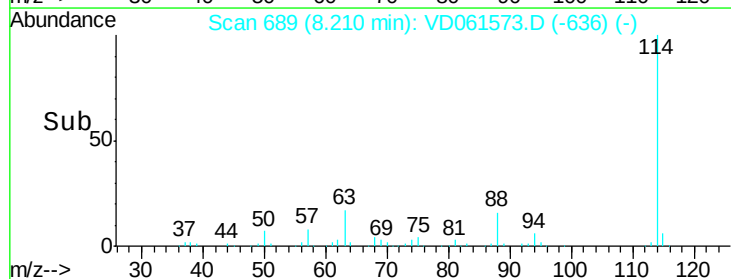
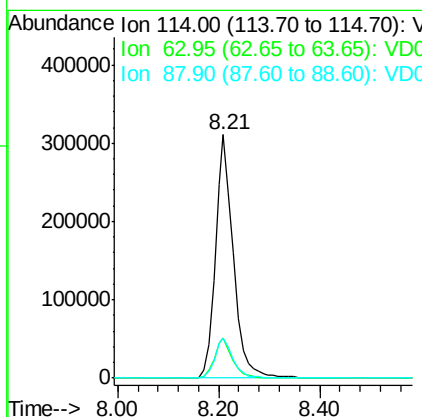
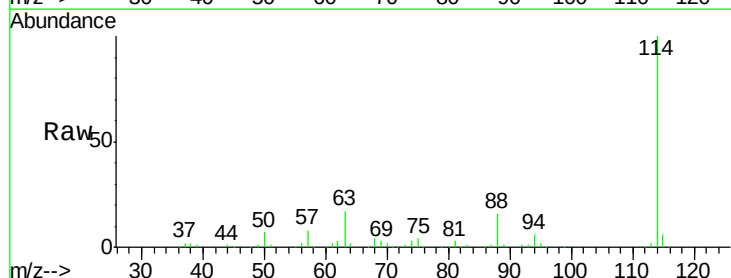
Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-040119RE

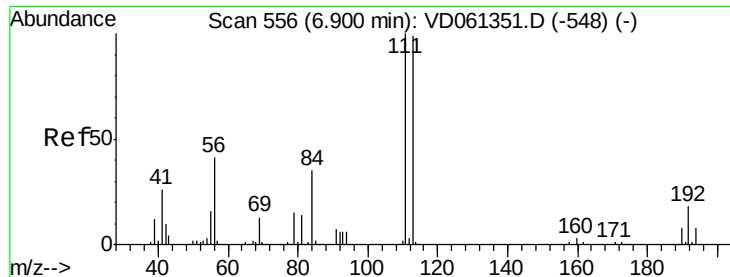
Tot Ion: 65 Resp: 209621
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061573.D
 Acq: 3 Apr 2019 23:26

Tgt Ion: 114 Resp: 774883
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 31.6
 88 16.3 0.0 33.4

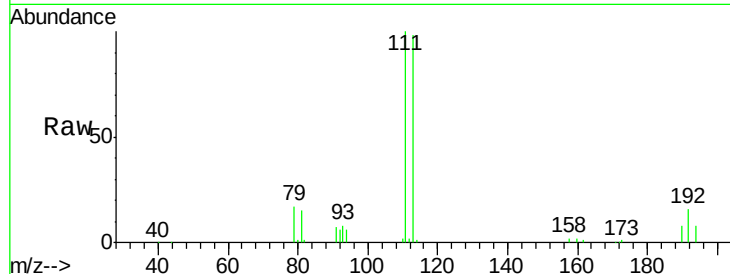




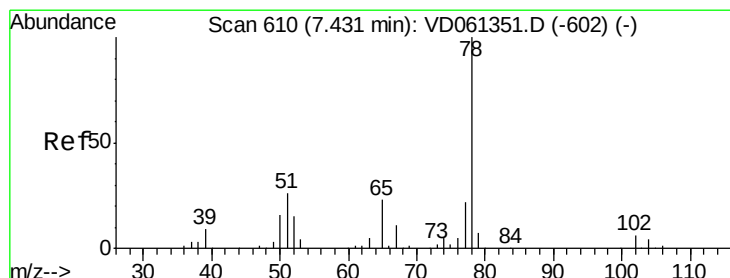
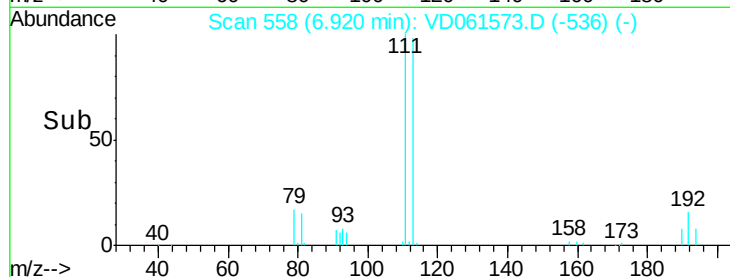
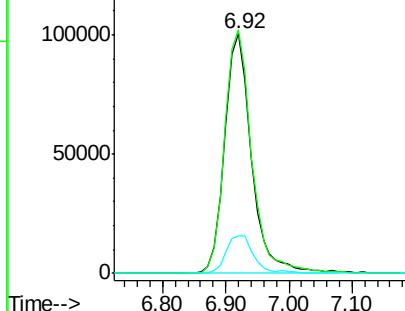
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061573.D
 Acq: 3 Apr 2019 23:26

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-040119RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.6
192	15.9	14.4	21.6

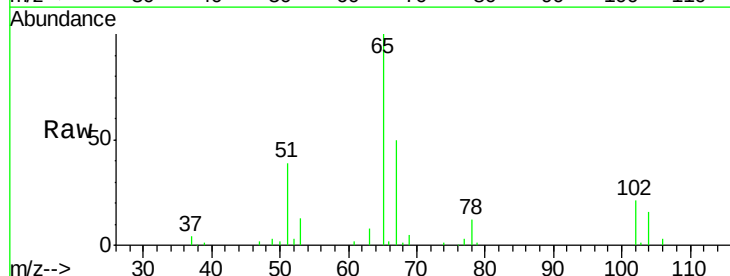


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

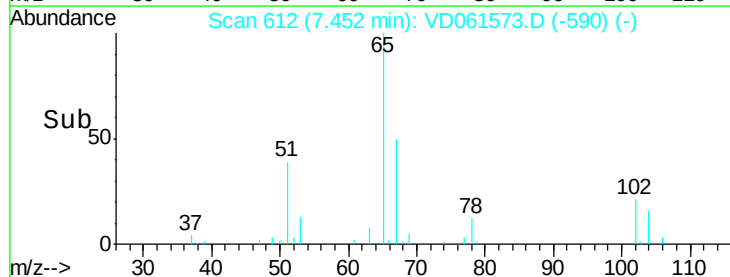
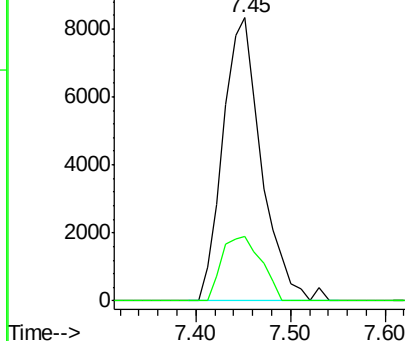


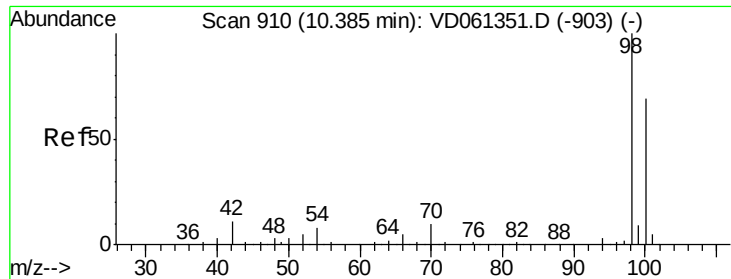
#40
 Benzene
 Concen: 1.380 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.02 min
 Lab File: VD061573.D
 Acq: 3 Apr 2019 23:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	17.8	26.6



Abundance Ion 77.95 (77.65 to 78.65): VDC
 Ion 76.95 (76.65 to 77.65): VDC

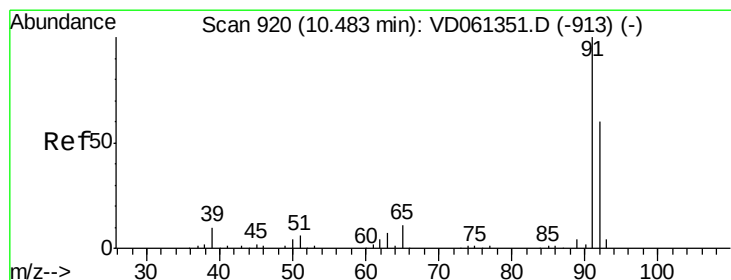
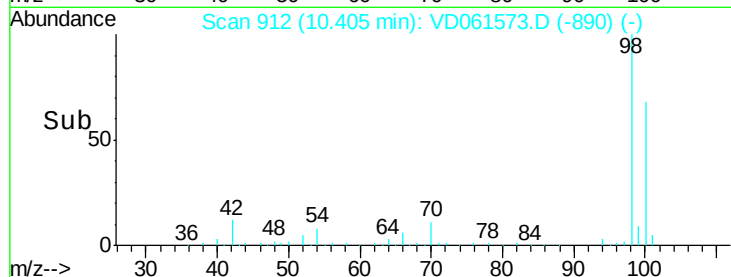
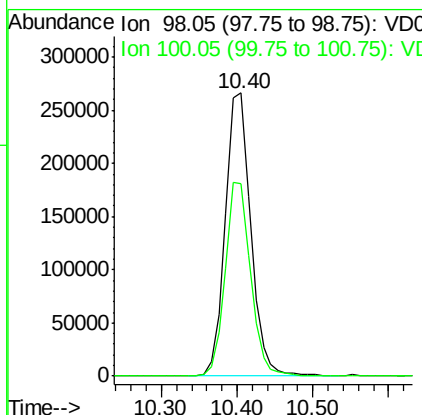
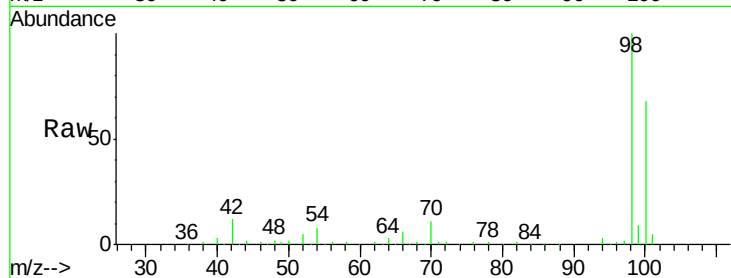




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061573.D
Acq: 3 Apr 2019 23:26

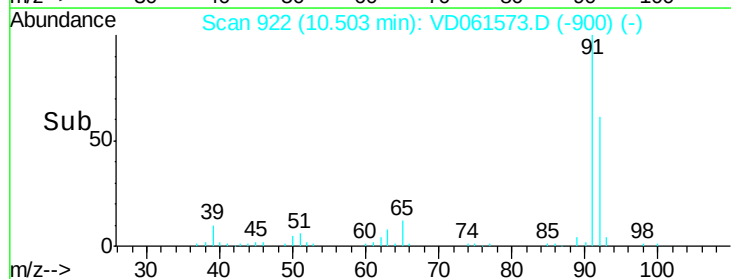
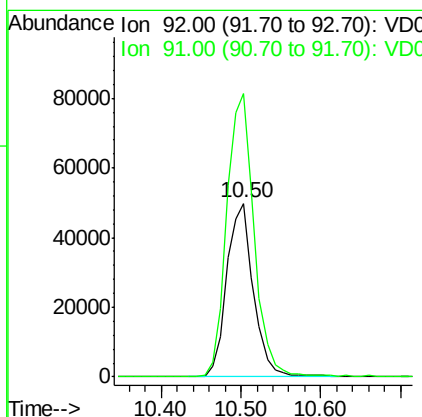
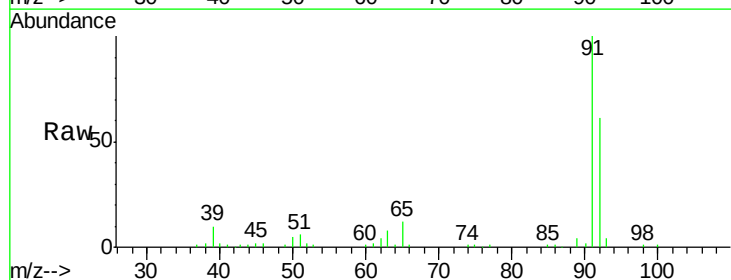
Instrument :
MSVOA_D
ClientSampleId :
HD-01-040119RE

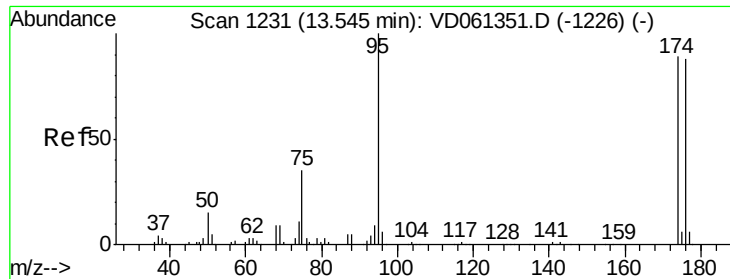
Tot Ion: 98 Resp: 620248
Ion Ratio Lower Upper
98 100
100 68.0 56.2 84.2



#52
Toluene
Concen: 11.263 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.02 min
Lab File: VD061573.D
Acq: 3 Apr 2019 23:26

Tgt Ion: 92 Resp: 116623
Ion Ratio Lower Upper
92 100
91 163.0 133.3 199.9

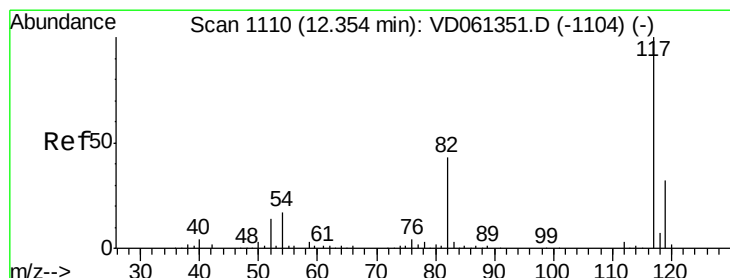
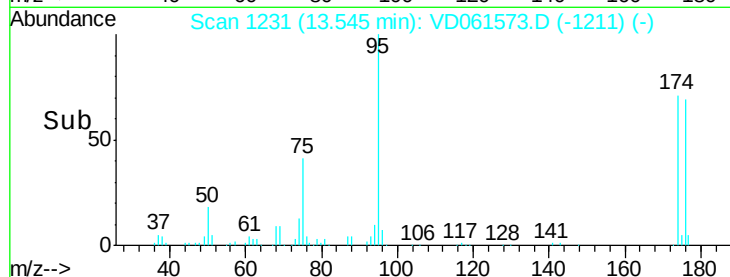
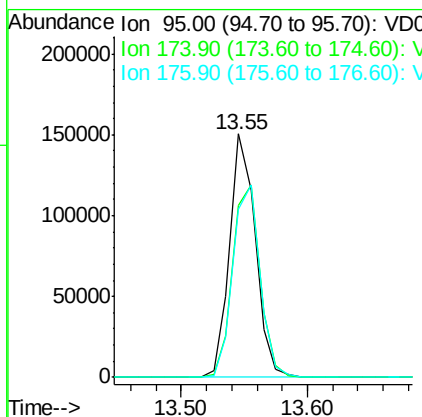
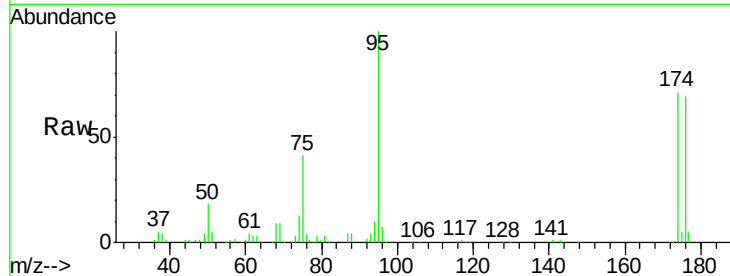




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VD061573.D
Acq: 3 Apr 2019 23:26

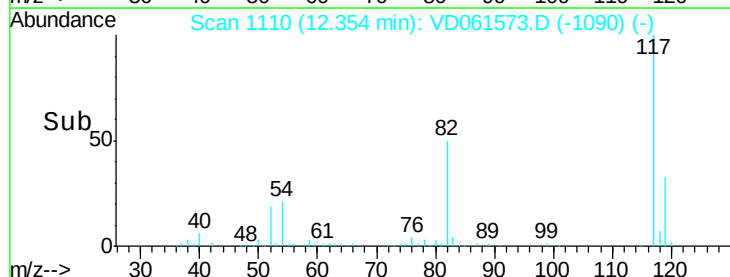
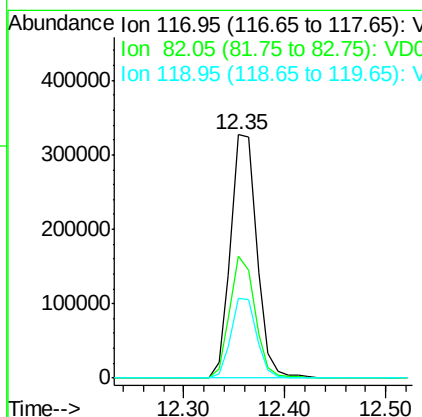
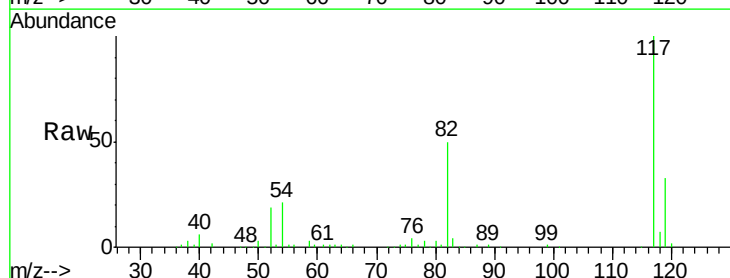
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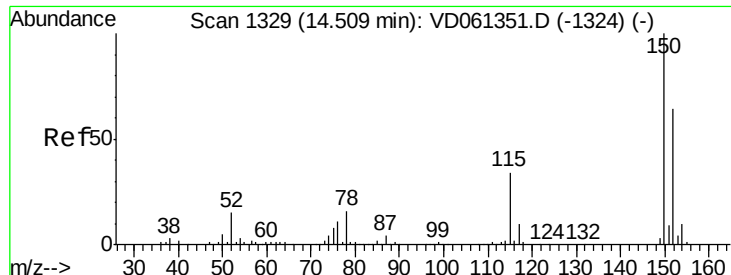
Tot Ion: 95 Resp: 211346
Ion Ratio Lower Upper
95 100
174 70.8 0.0 178.0
176 69.0 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD061573.D
Acq: 3 Apr 2019 23:26

Tgt Ion: 117 Resp: 593045
Ion Ratio Lower Upper
117 100
82 50.1 34.4 51.6
119 32.9 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VD061573.D
 Acq: 3 Apr 2019 23:26

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-040119RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.8	26.9	80.6
150	160.2	0.0	318.0

