

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061479.D
 Acq On : 1 Apr 2019 20:09
 Operator : VA/AP
 Sample : K2182-11
 Misc : 5.30g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S8A(10)

Quant Time: Apr 02 02:23:56 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

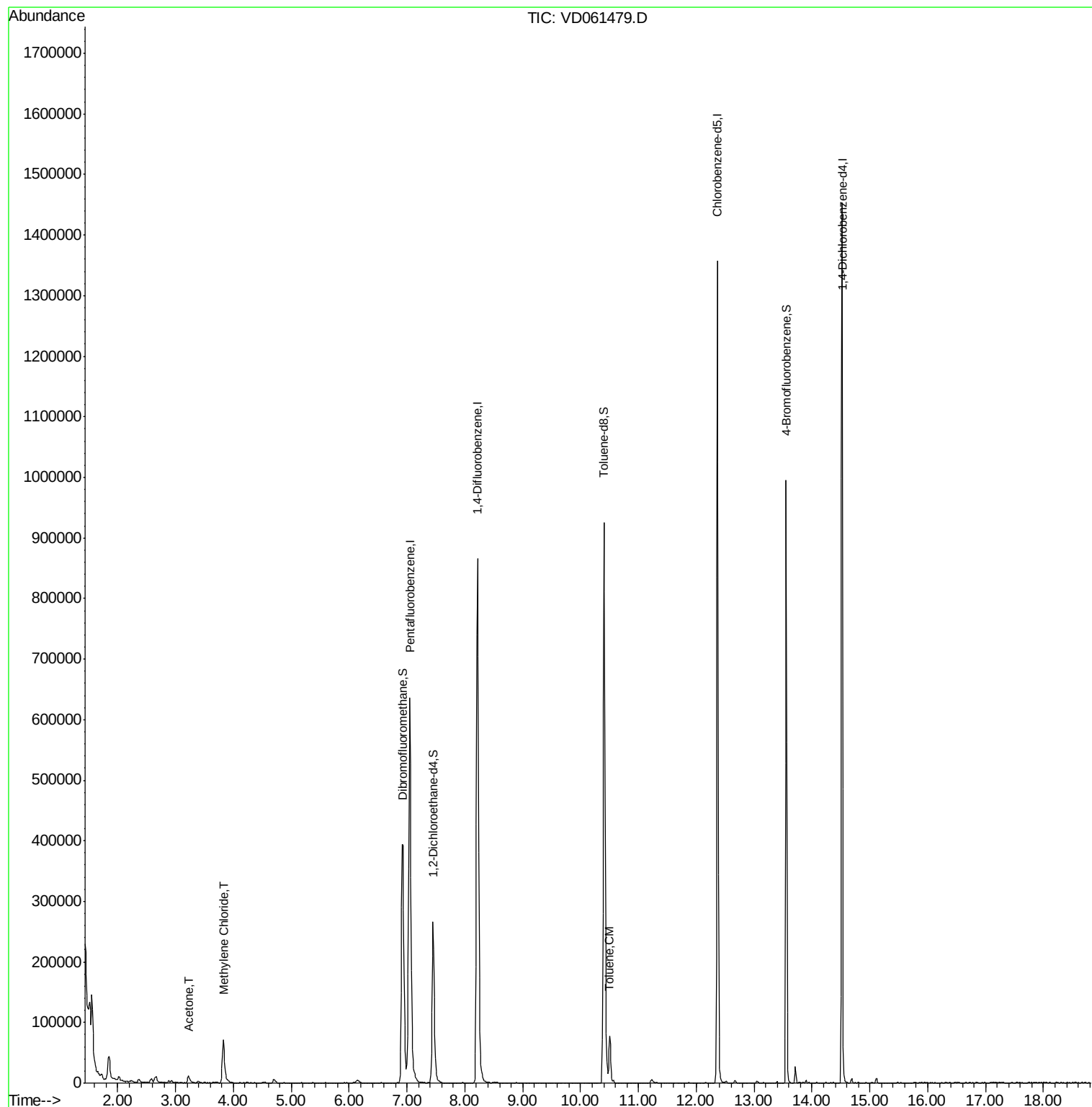
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	658426	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1069037	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	857451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	335353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	257732	45.82	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.64%	
35) Dibromofluoromethane	6.92	113	388909	47.61	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	10.40	98	814181	41.55	ug/l	0.02
Spiked Amount 50.000			Recovery	=	83.10%	
62) 4-Bromofluorobenzene	13.55	95	302051	40.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.40%	
Target Compounds						
16) Acetone	3.23	43	24200	16.737	ug/l	93
20) Methylene Chloride	3.82	84	58561	5.522	ug/l	97
52) Toluene	10.50	92	40976	2.868	ug/l	98

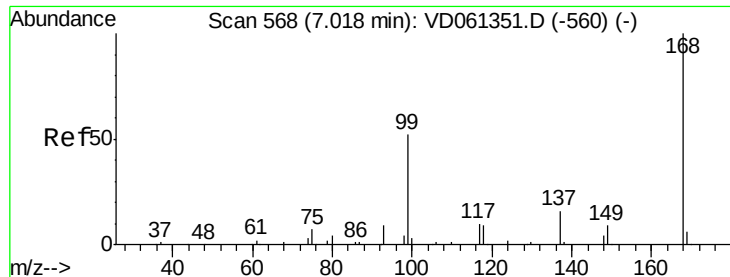
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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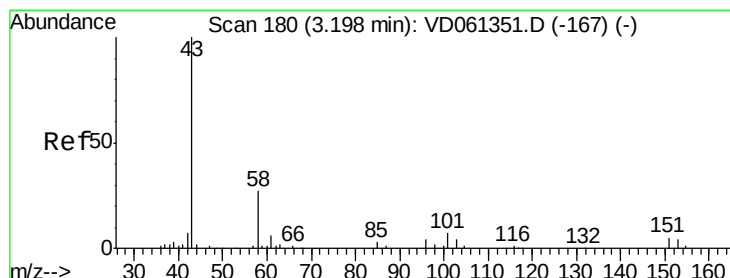
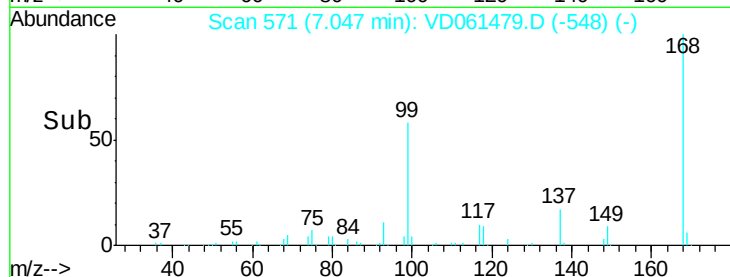
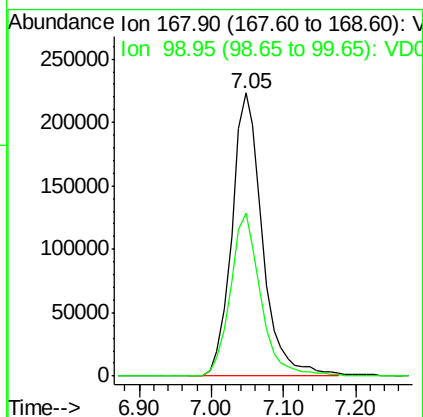
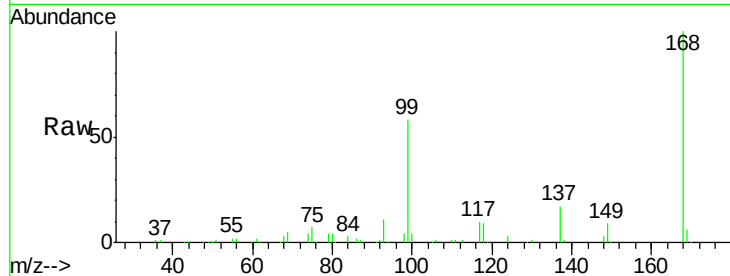




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.03 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

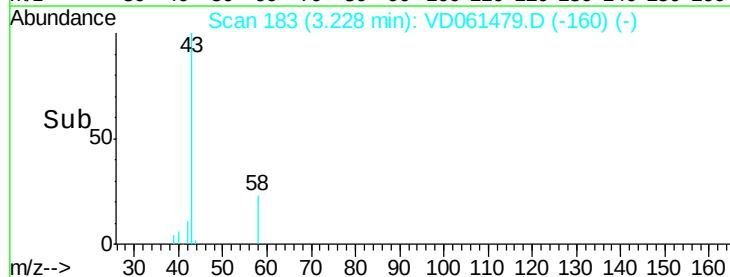
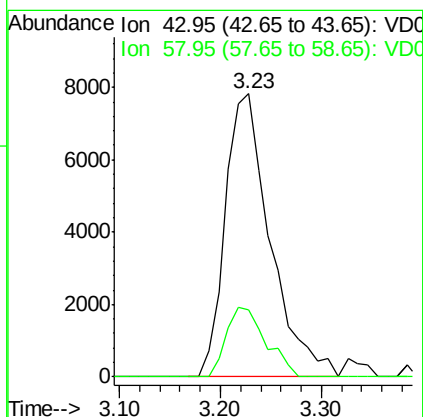
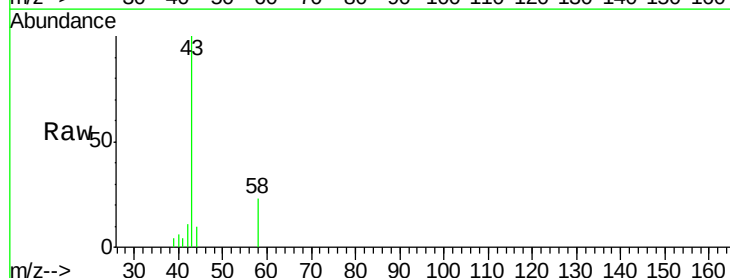
Instrument :
MSVOA_D
ClientSampleId :
S8A(10)

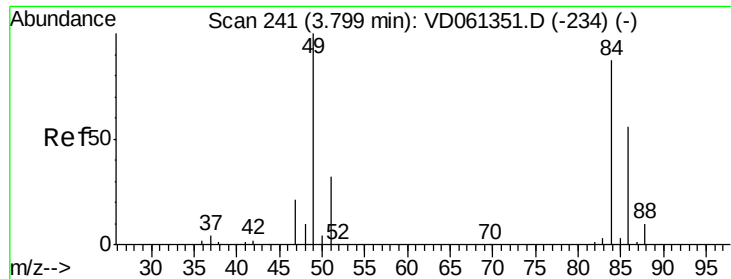
Tot Ion:168 Resp: 658426
Ion Ratio Lower Upper
168 100
99 57.6 43.1 64.7



#16
Acetone
Concen: 16.737 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.03 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

Tgt Ion: 43 Resp: 24200
Ion Ratio Lower Upper
43 100
58 23.5 21.5 32.3

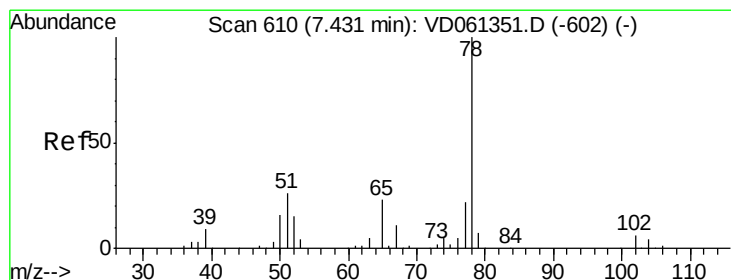
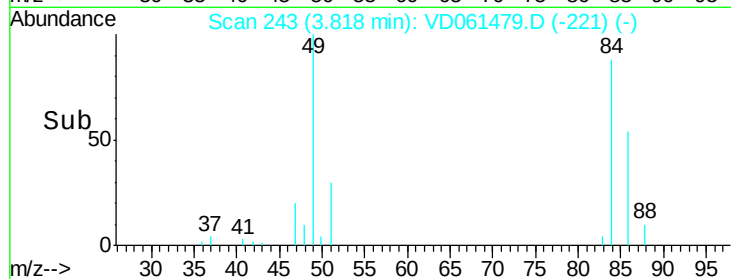
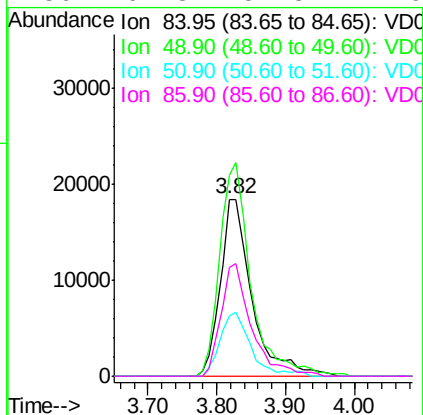
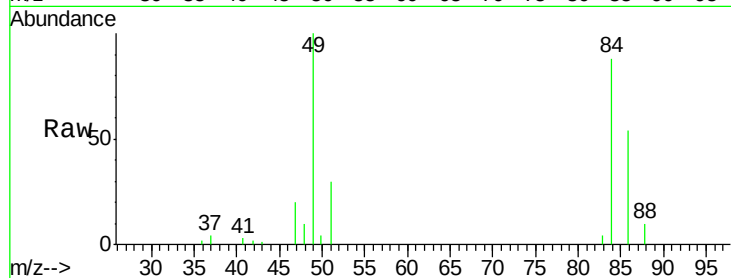




#20
Methylene Chloride
Concen: 5.522 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

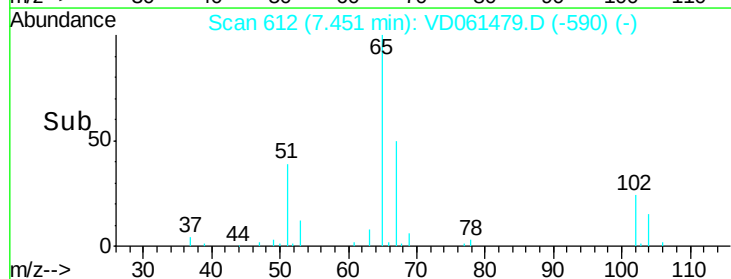
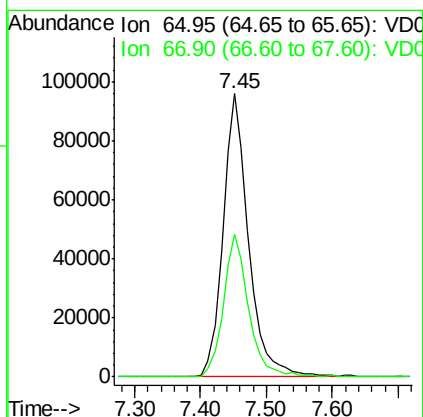
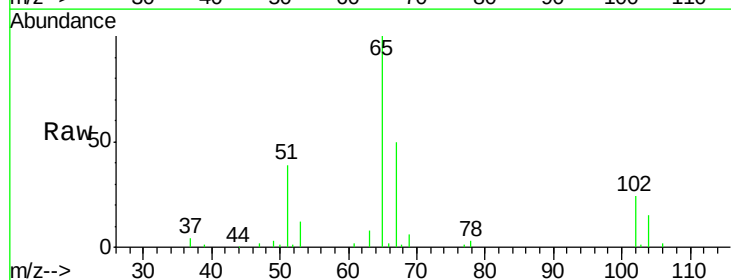
Instrument :
MSVOA_D
ClientSampleId :
S8A(10)

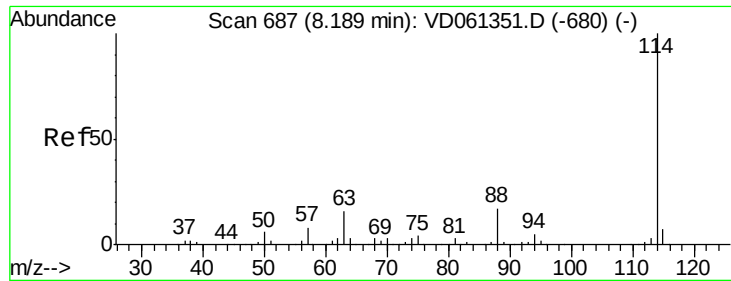
Tot Ion: 84 Resp: 58561
Ion Ratio Lower Upper
84 100
49 113.5 91.8 137.8
51 34.3 29.8 44.8
86 61.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

Tgt Ion: 65 Resp: 257732
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.8

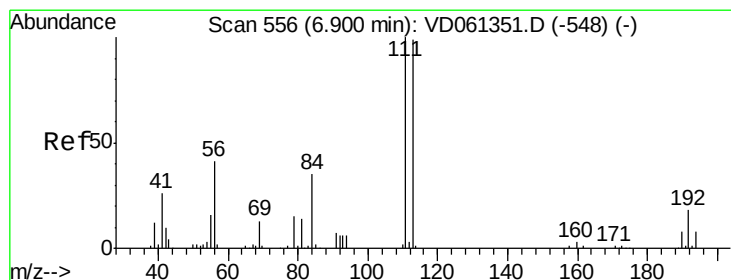
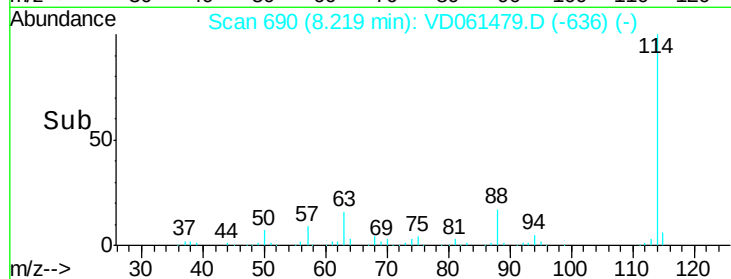
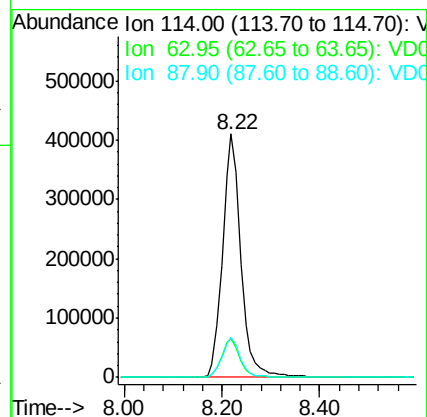
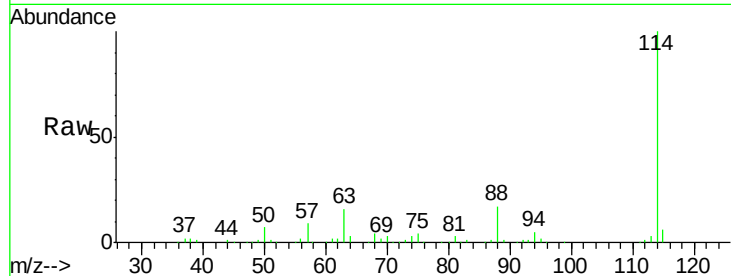




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061479.D
 Acq: 1 Apr 2019 20:09

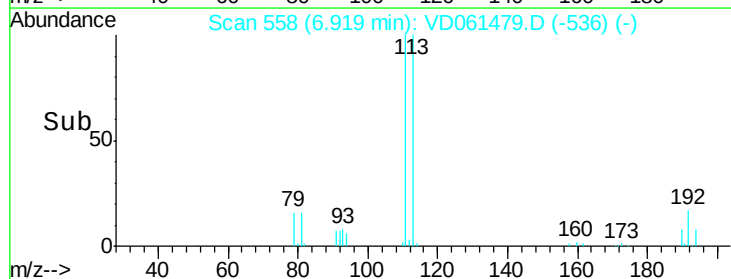
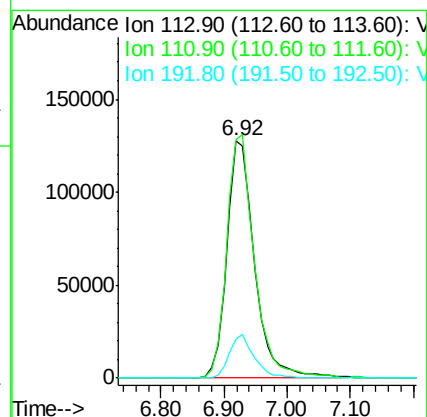
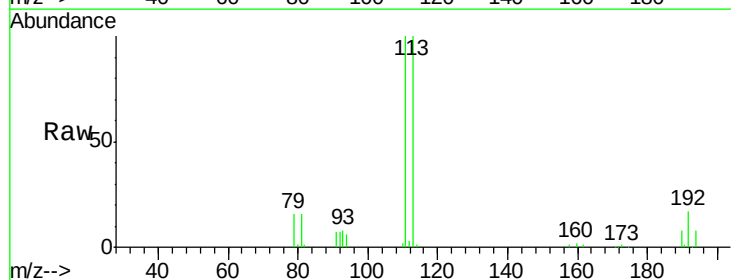
Instrument :
 MSVOA_D
 ClientSampleId :
 S8A(10)

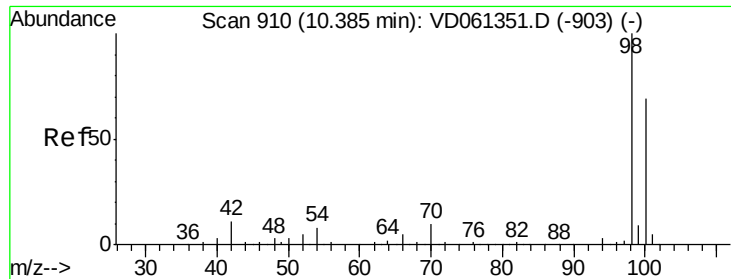
Tot Ion:114 Resp: 1069037
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.6
 88 16.7 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061479.D
 Acq: 1 Apr 2019 20:09

Tgt Ion:113 Resp: 388909
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.0 121.6
 192 16.6 14.4 21.6

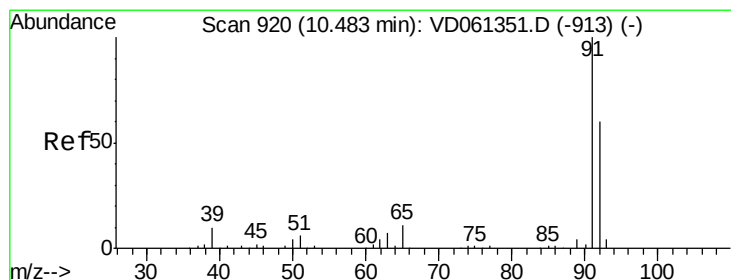
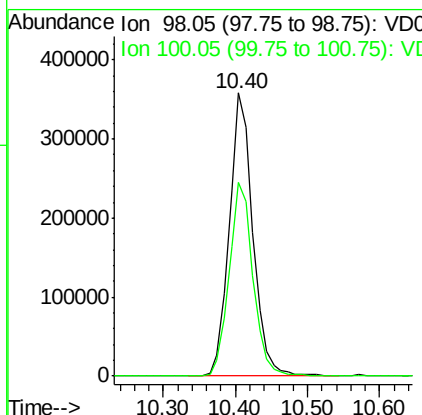
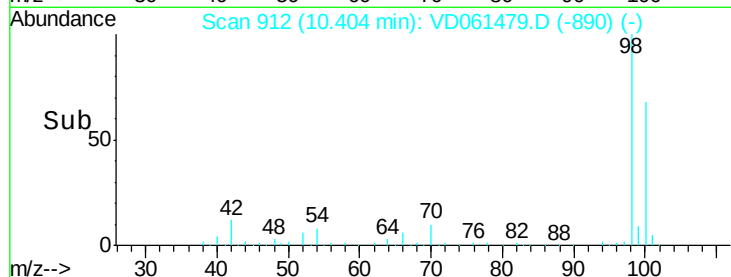
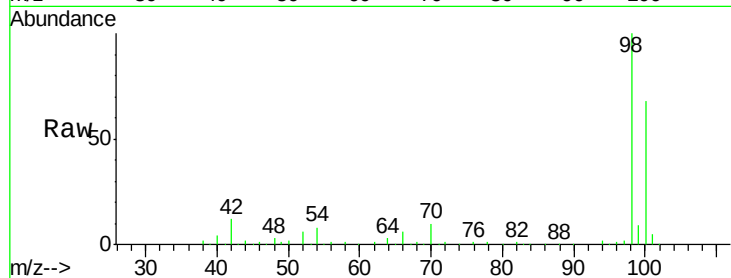




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

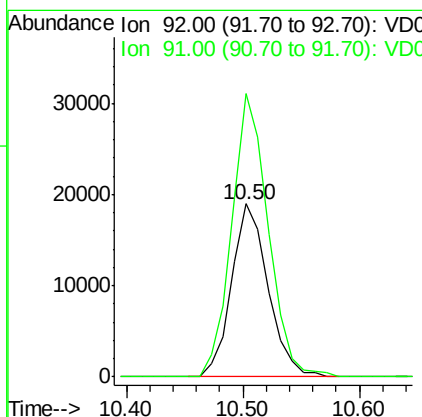
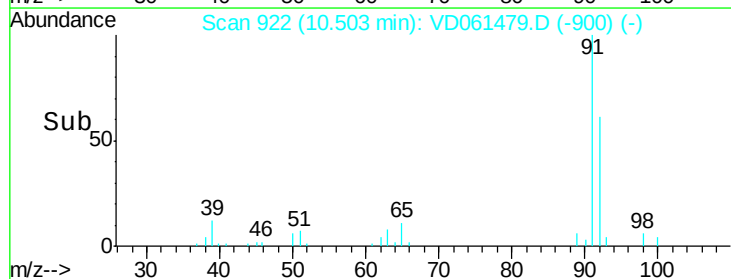
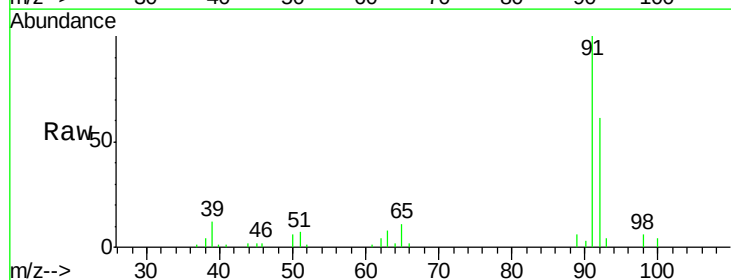
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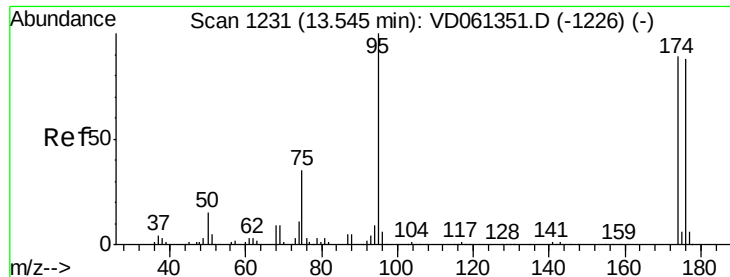
Tot Ion: 98 Resp: 814181
Ion Ratio Lower Upper
98 100
100 68.3 56.2 84.2



#52
Toluene
Concen: 2.868 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.02 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

Tgt Ion: 92 Resp: 40976
Ion Ratio Lower Upper
92 100
91 163.7 133.3 199.9

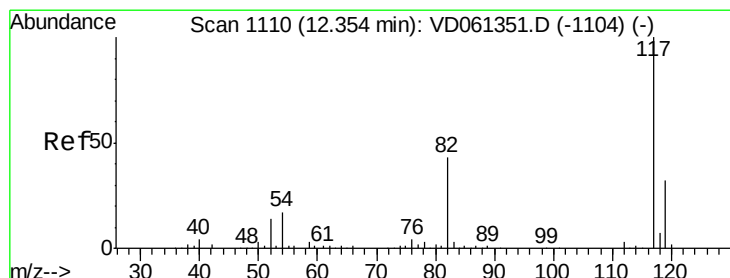
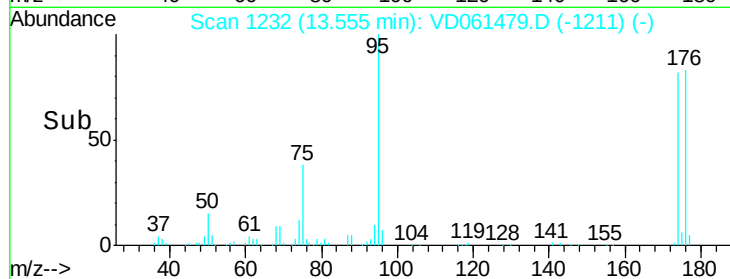
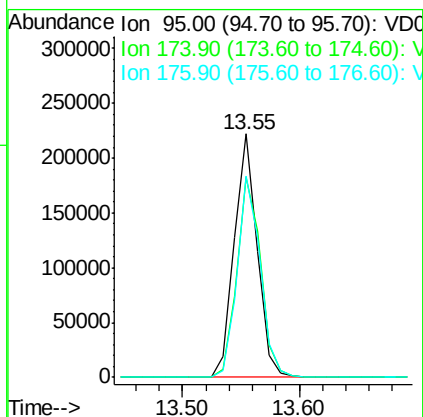
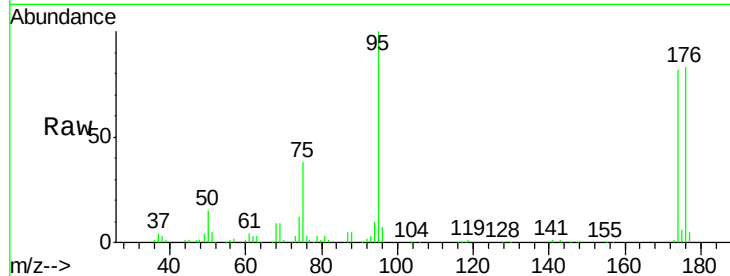




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

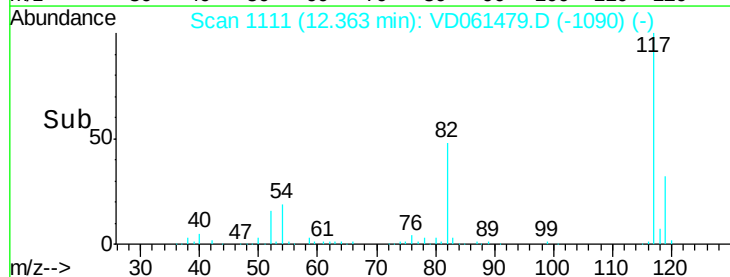
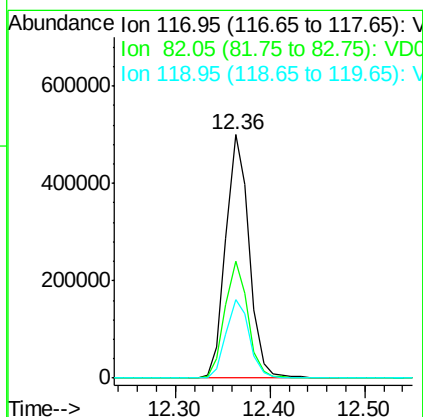
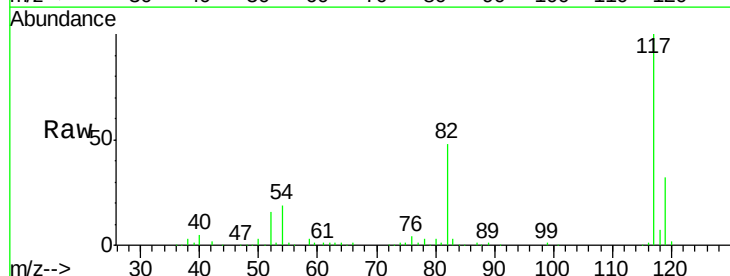
Instrument :
MSVOA_D
ClientSampleId :
S8A(10)

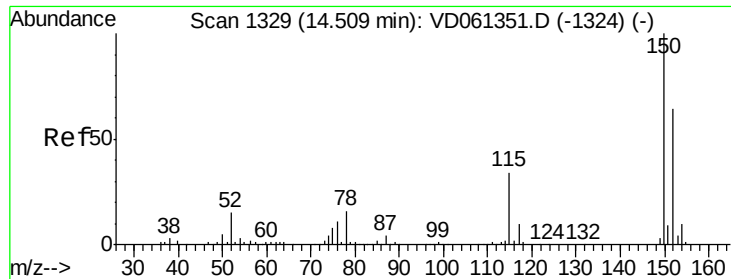
Tot Ion: 95 Resp: 302051
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.0
176 82.8 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061479.D
Acq: 1 Apr 2019 20:09

Tgt Ion: 117 Resp: 857451
Ion Ratio Lower Upper
117 100
82 47.9 34.4 51.6
119 32.4 25.8 38.6

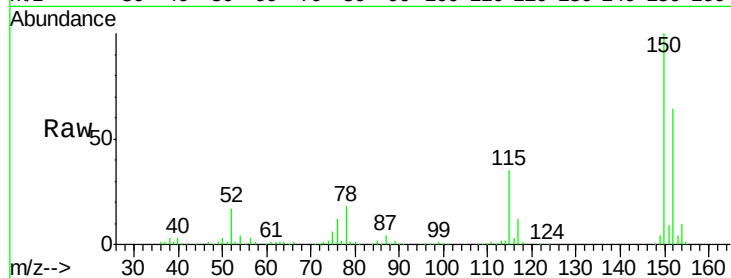




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061479.D
 Acq: 1 Apr 2019 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 S8A(10)

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	26.9	80.6
150	155.9	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

