

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061900.D
 Acq On : 19 Apr 2019 6:55
 Operator : VA/AP
 Sample : K2197-13
 Misc : 6.56g/5ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-041619-E

Quant Time: Apr 19 08:11:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

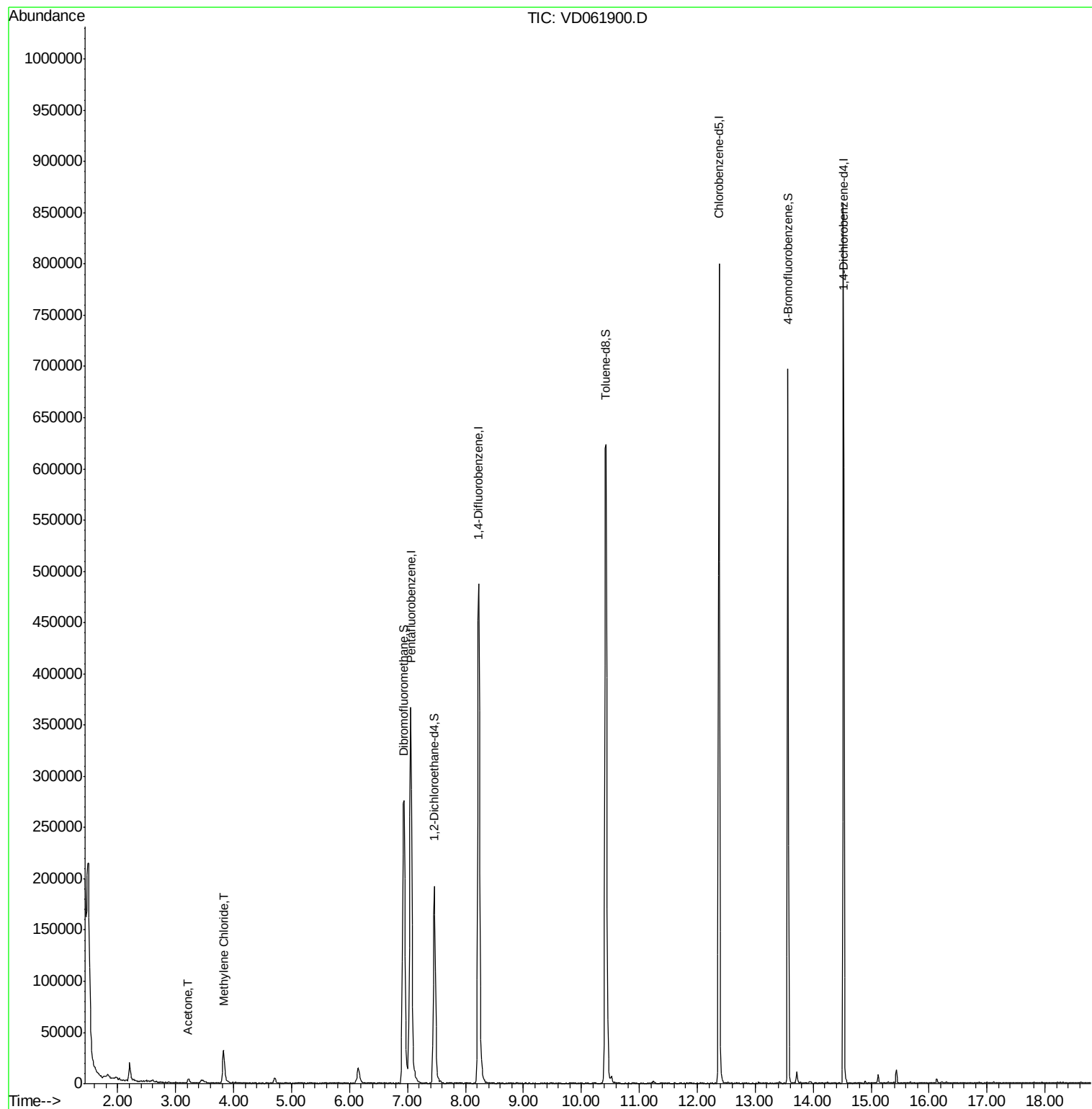
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	380609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	596570	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	468928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	195857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	195606	61.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.64%	
35) Dibromofluoromethane	6.93	113	275824	61.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.40%	
50) Toluene-d8	10.42	98	581077	54.41	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.82%	
62) 4-Bromofluorobenzene	13.57	95	221188	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
Target Compounds						
16) Acetone	3.22	43	7411	9.427	ug/l #	85
20) Methylene Chloride	3.83	84	23844	1.667	ug/l	94

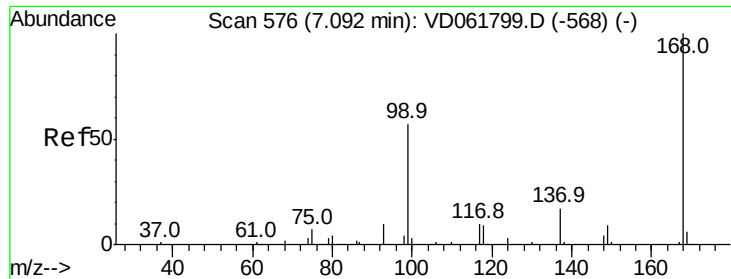
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061900.D

Acq: 19 Apr 2019 6:55

Instrument :

MSVOA_D

ClientSampleId :

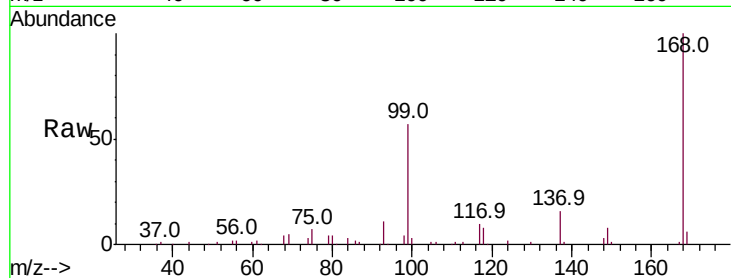
CL-01-041619-E

Tot Ion:168 Resp: 380609

Ion Ratio Lower Upper

168 100

99 57.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

150000

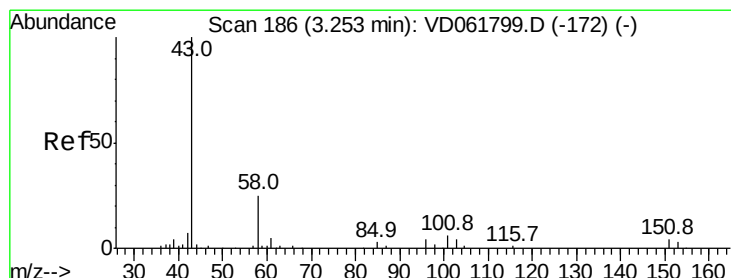
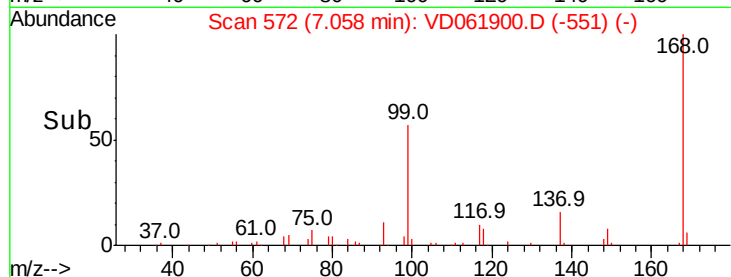
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 9.427 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061900.D

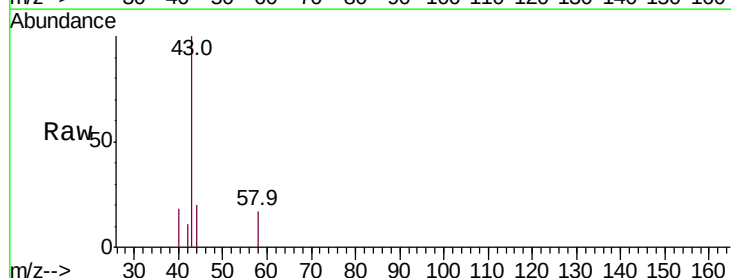
Acq: 19 Apr 2019 6:55

Tgt Ion: 43 Resp: 7411

Ion Ratio Lower Upper

43 100

58 17.2 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

3000

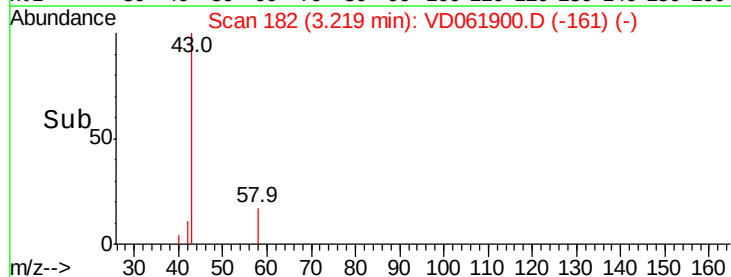
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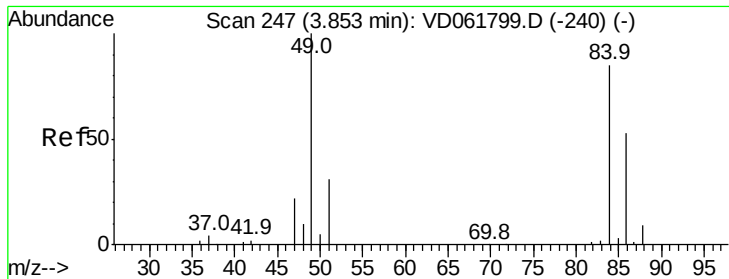
1000

0

Time-->

3.15 3.20 3.25 3.30 3.35

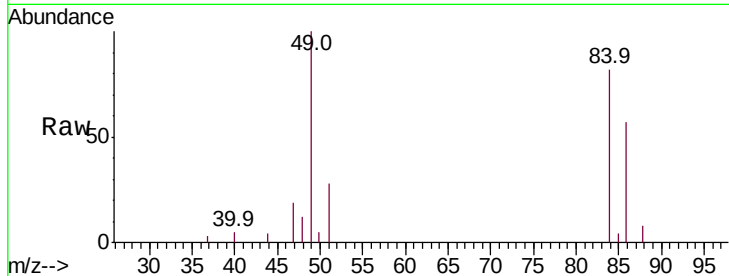




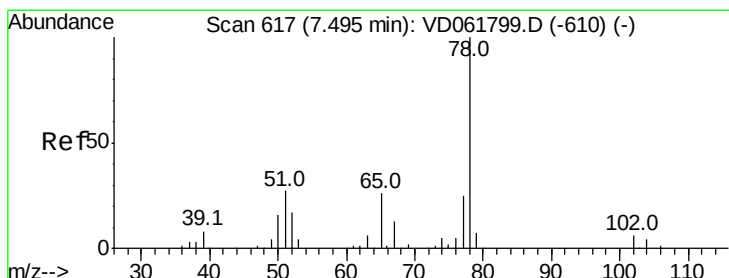
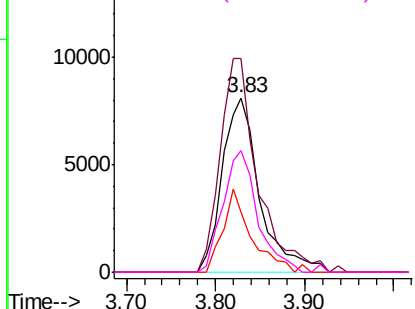
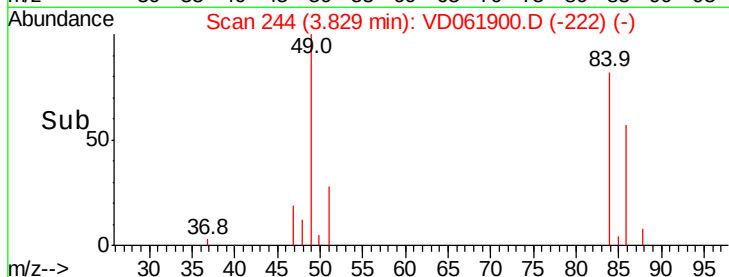
#20
Methylene Chloride
Concen: 1.667 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061900.D
Acq: 19 Apr 2019 6:55

Instrument :
MSVOA_D
ClientSampleId :
CL-01-041619-E

Tot Ion: 84 Resp: 23844
Ion Ratio Lower Upper
84 100
49 122.5 94.0 141.0
51 34.4 29.0 43.4
86 69.5 49.8 74.6

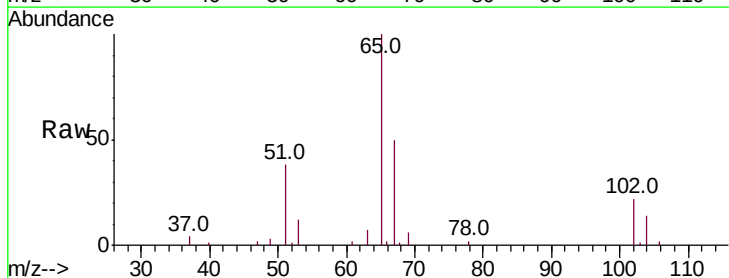


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

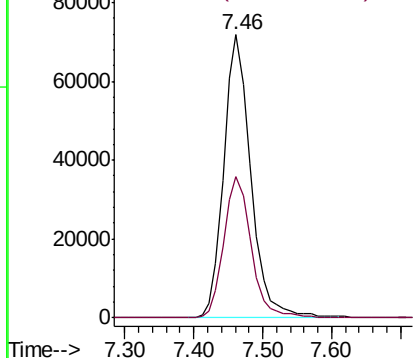
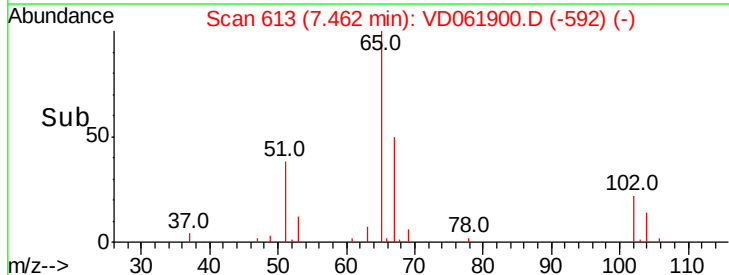


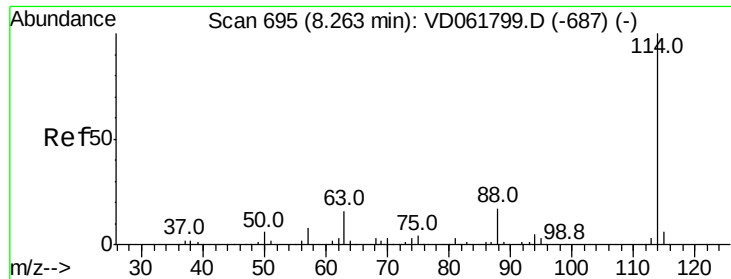
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061900.D
Acq: 19 Apr 2019 6:55

Tgt Ion: 65 Resp: 195606
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.0



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

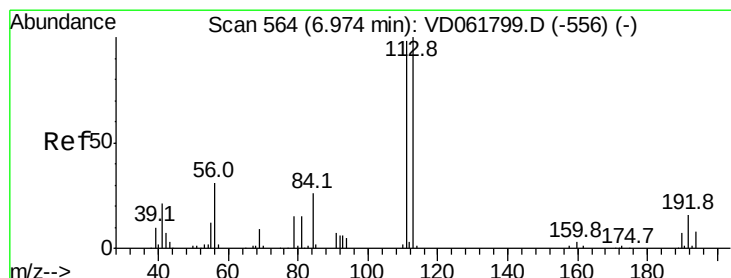
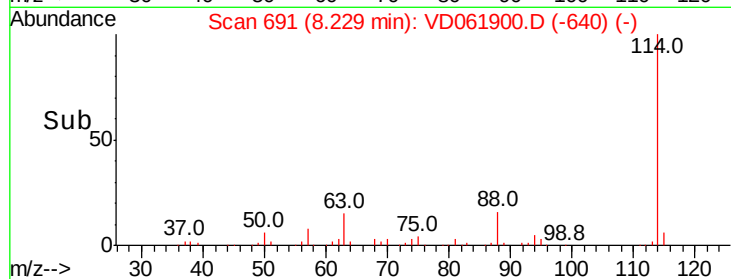
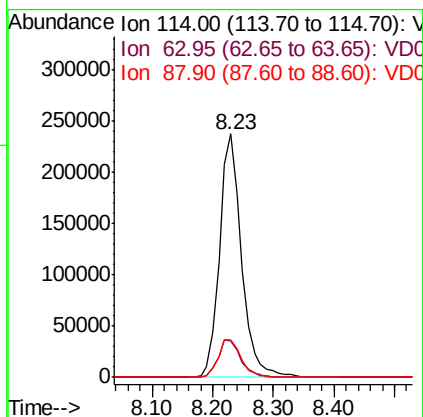
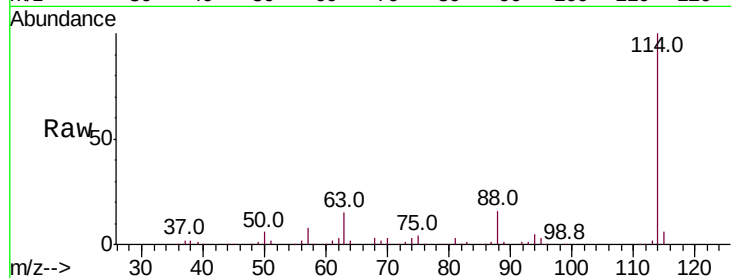




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061900.D
 Acq: 19 Apr 2019 6:55

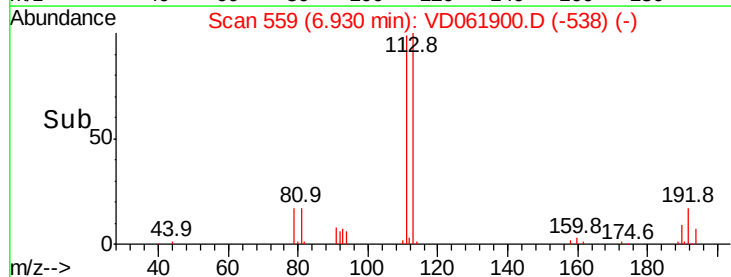
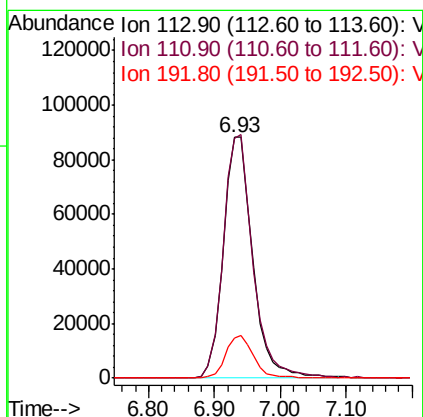
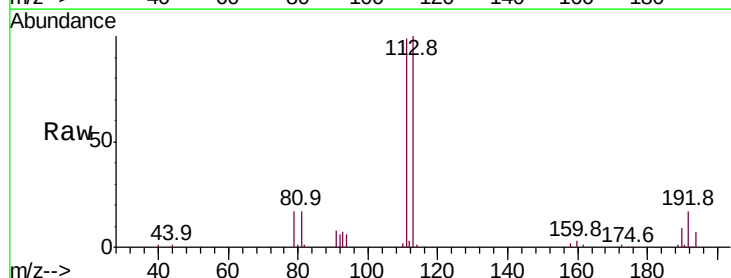
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-041619-E

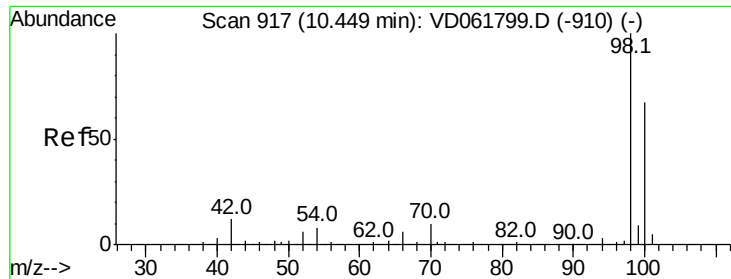
Tot Ion:114 Resp: 596570
 Ion Ratio Lower Upper
 114 100
 63 14.8 0.0 32.4
 88 15.5 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061900.D
 Acq: 19 Apr 2019 6:55

Tgt Ion:113 Resp: 275824
 Ion Ratio Lower Upper
 113 100
 111 99.4 78.5 117.7
 192 16.6 13.0 19.4

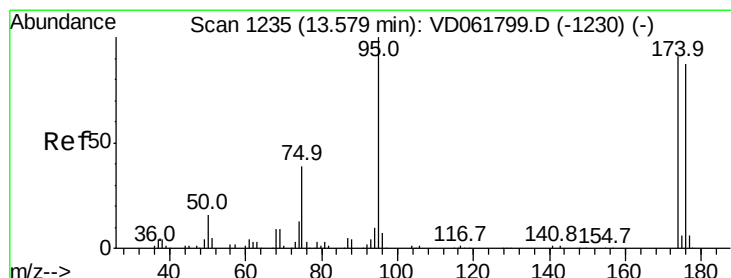
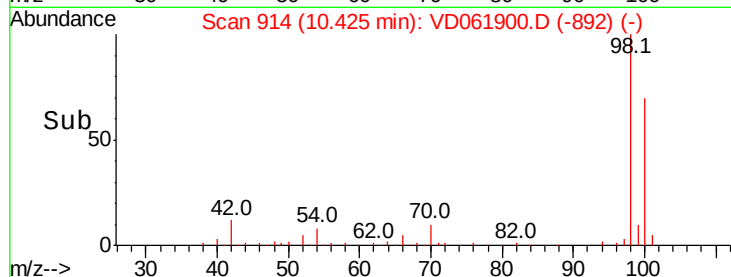
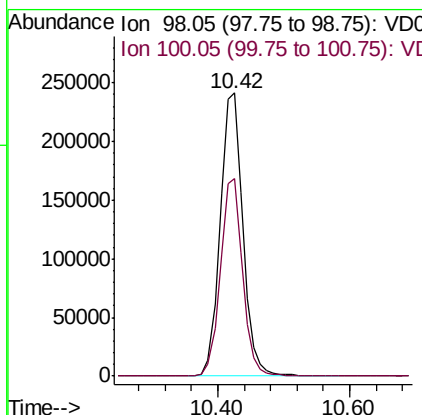
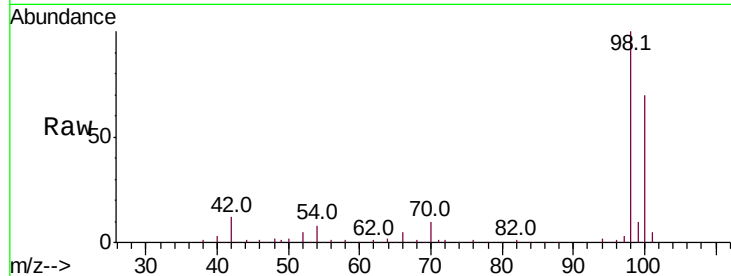




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061900.D
Acq: 19 Apr 2019 6:55

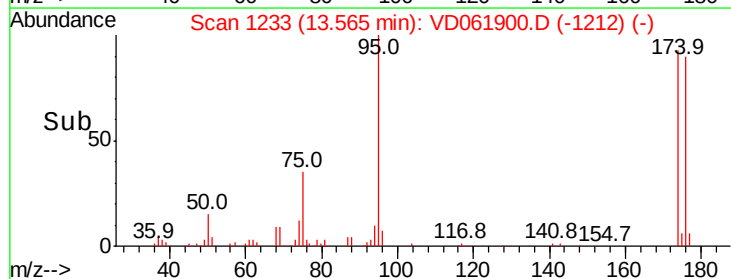
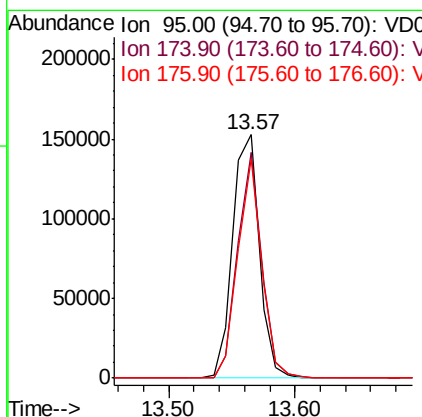
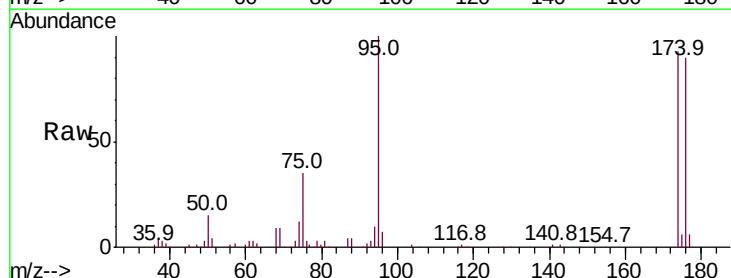
Instrument :
MSVOA_D
ClientSampleId :
CL-01-041619-E

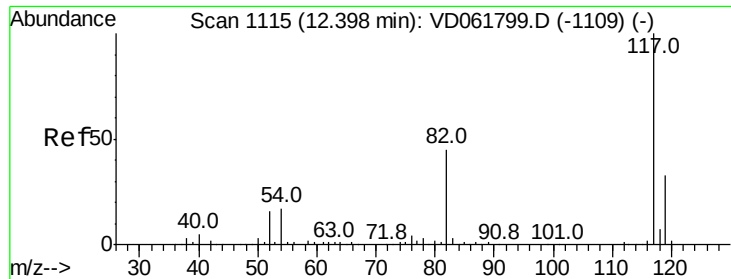
Tot Ion: 98 Resp: 581077
Ion Ratio Lower Upper
98 100
100 70.0 53.8 80.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061900.D
Acq: 19 Apr 2019 6:55

Tgt Ion: 95 Resp: 221188
Ion Ratio Lower Upper
95 100
174 92.7 0.0 181.8
176 90.2 0.0 174.4

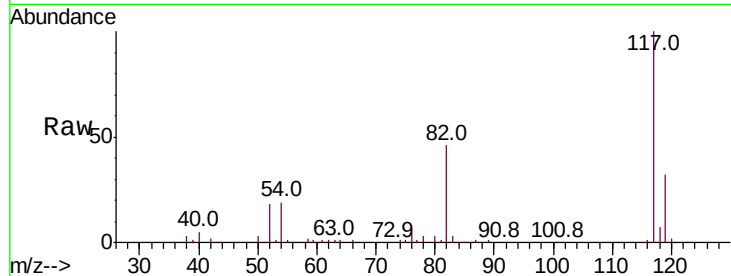




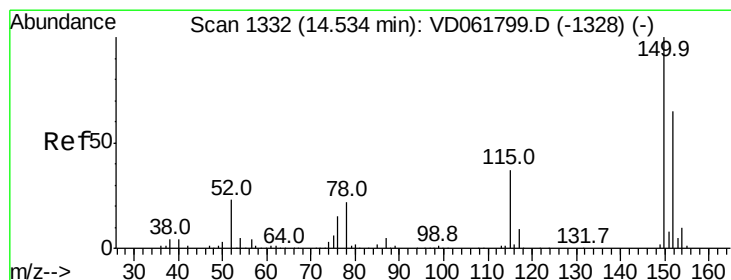
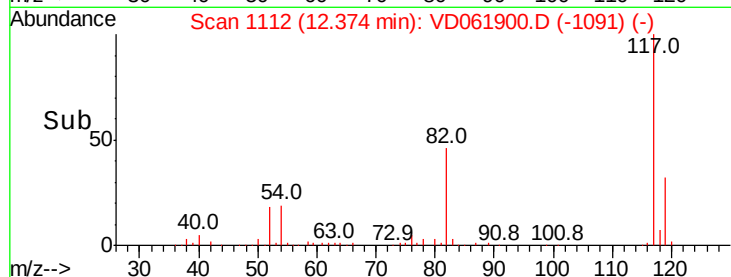
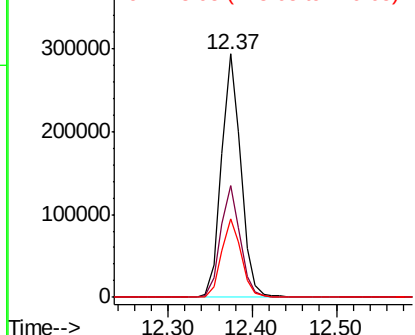
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VD061900.D
 Acq: 19 Apr 2019 6:55

Instrument :
 MSVOA_D
 ClientSampleID :
 CL-01-041619-E

Tot Ion	Ratio	Lower	Upper
117	100		
82	46.1	36.2	54.2
119	32.5	26.2	39.4

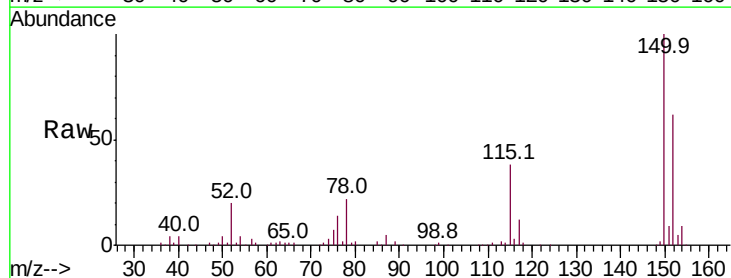


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061900.D
 Acq: 19 Apr 2019 6:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.9	92.7
150	162.2	0.0	314.8



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

