

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042619\
 Data File : VD062057.D
 Acq On : 26 Apr 2019 13:02
 Operator : VA/AP
 Sample : K2198-07RE
 Misc : 6.16g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-042519RE

Quant Time: Apr 26 23:28:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

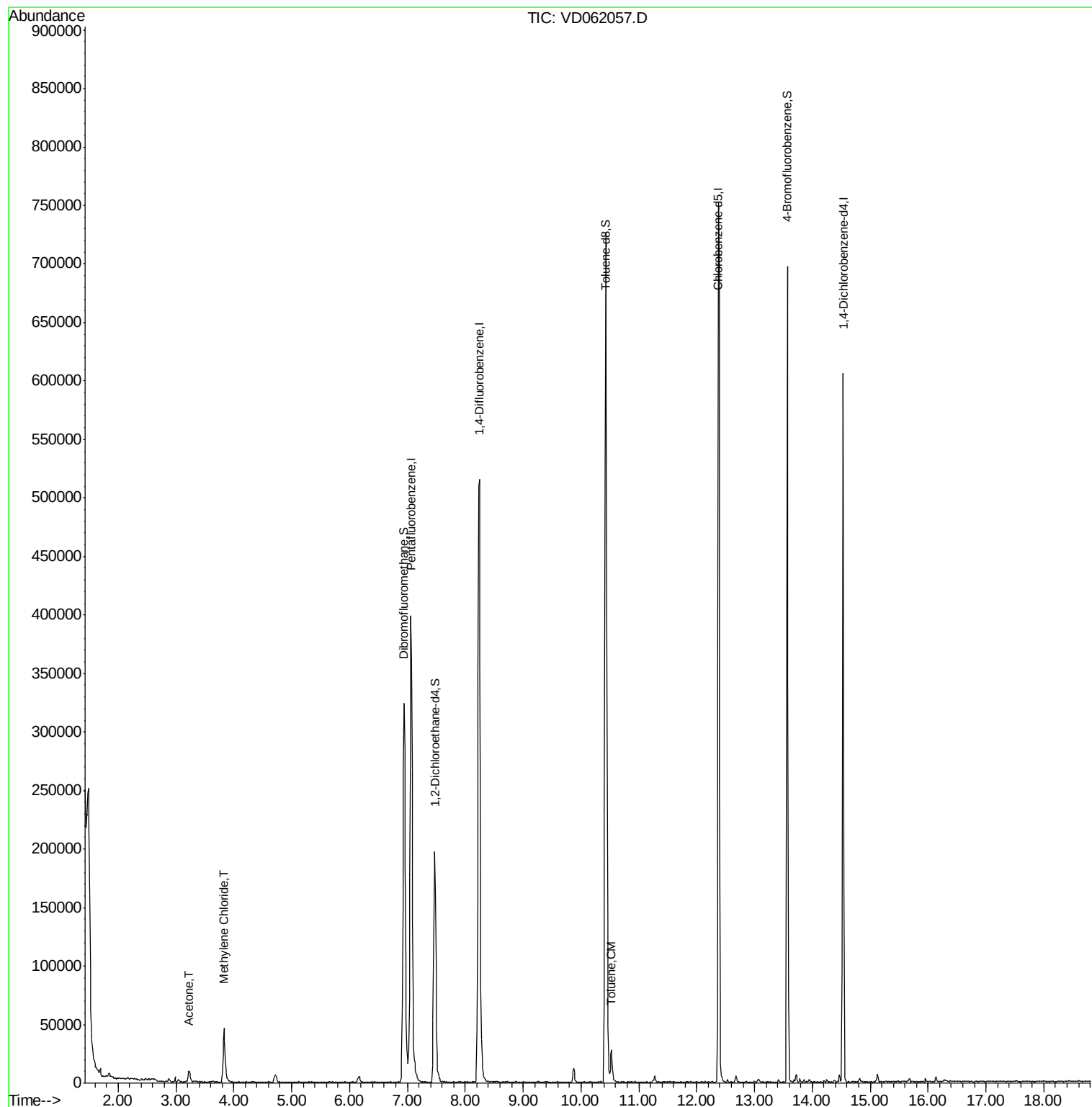
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	398777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	648816	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	478878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	155764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	207091	66.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	132.70%	
35) Dibromofluoromethane	6.94	113	299475	66.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.48%	
50) Toluene-d8	10.43	98	622299	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.56%	
62) 4-Bromofluorobenzene	13.57	95	205190	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
16) Acetone	3.23	43	20283	27.218	ug/l	93
20) Methylene Chloride	3.83	84	31610	5.900	ug/l	93
52) Toluene	10.53	92	15995	2.005	ug/l	86

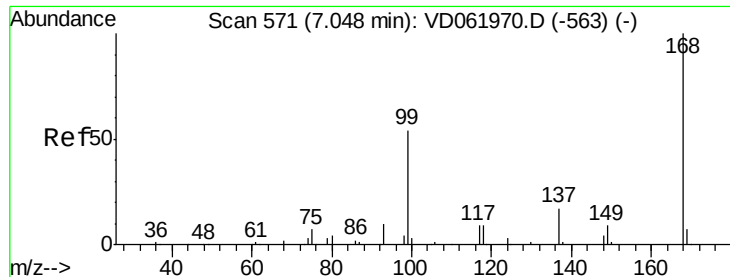
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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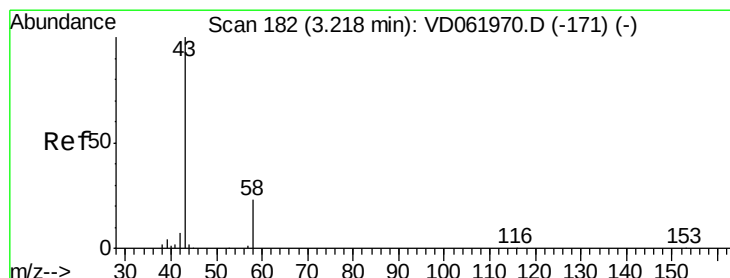
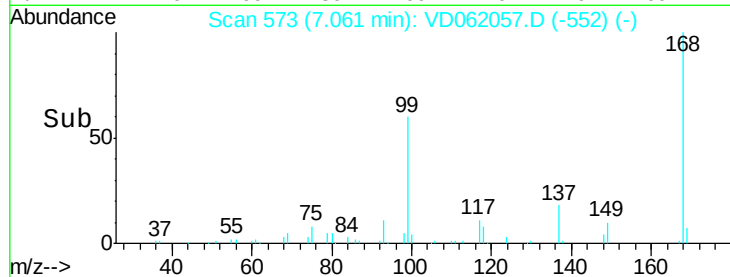
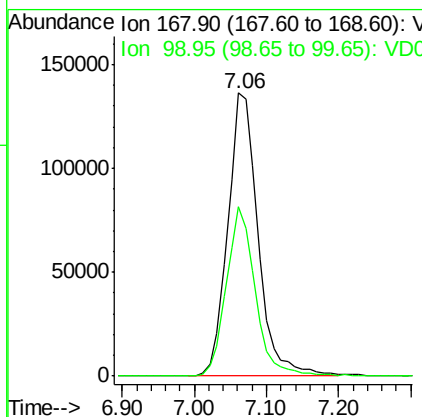
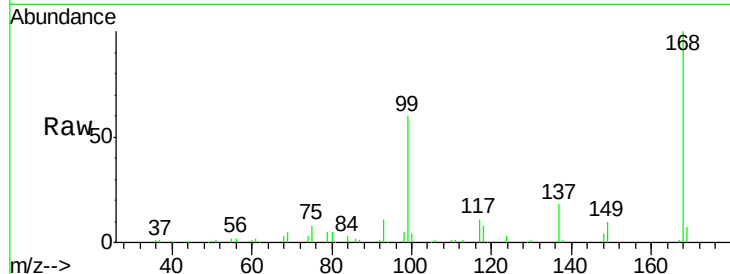




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.01 min
Lab File: VD062057.D
Acq: 26 Apr 2019 13:02

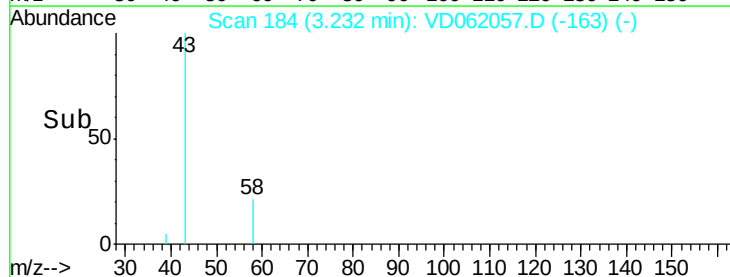
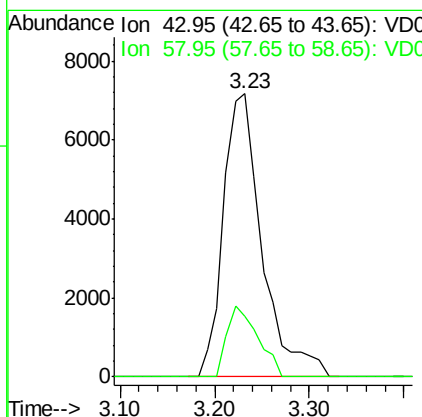
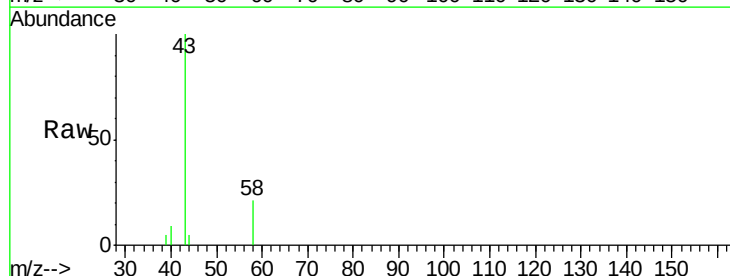
Instrument :
MSVOA_D
ClientSampleId :
OK-01-042519RE

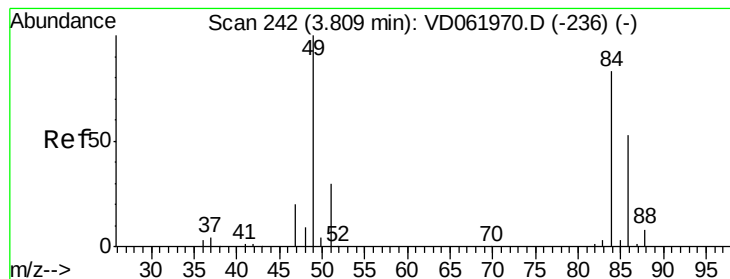
Tot Ion:168 Resp: 398777
Ion Ratio Lower Upper
168 100
99 60.0 46.5 69.7



#16
Acetone
Concen: 27.218 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.01 min
Lab File: VD062057.D
Acq: 26 Apr 2019 13:02

Tgt Ion: 43 Resp: 20283
Ion Ratio Lower Upper
43 100
58 21.4 19.9 29.9





#20

Methylene Chloride

Concen: 5.900 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.01 min

Lab File: VD062057.D

Acq: 26 Apr 2019 13:02

Instrument :

MSVOA_D

ClientSampleId :

OK-01-042519RE

Tot Ion: 84 Resp: 31610

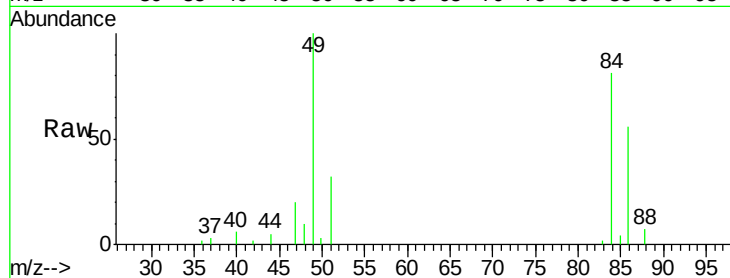
Ion Ratio Lower Upper

84 100

49 124.1 94.0 141.0

51 40.2 29.0 43.4

86 68.9 49.8 74.6

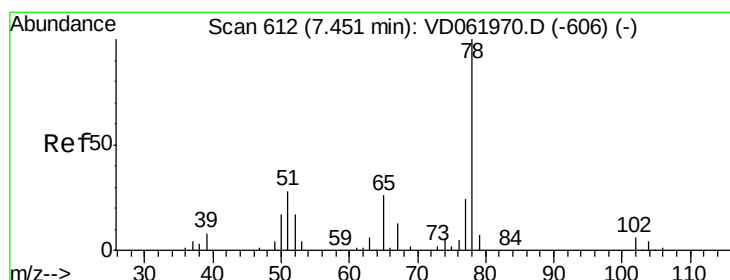
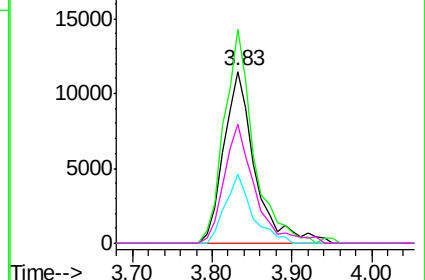
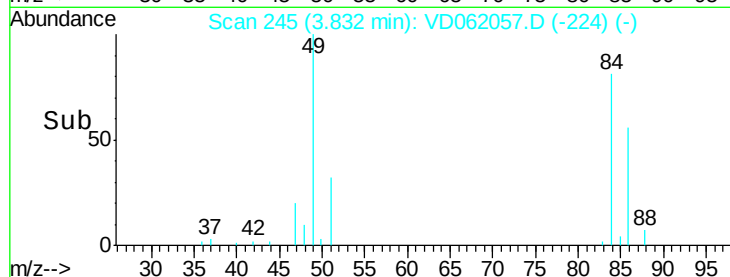


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 66.353 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD062057.D

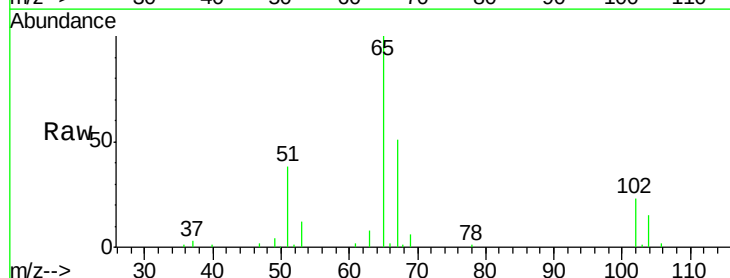
Acq: 26 Apr 2019 13:02

Tgt Ion: 65 Resp: 207091

Ion Ratio Lower Upper

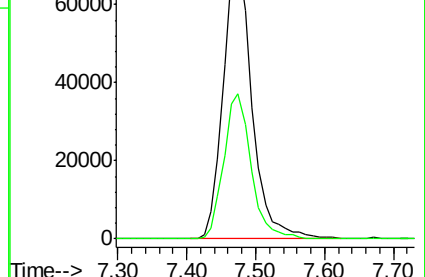
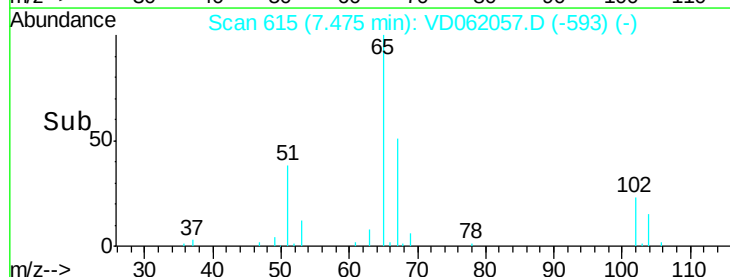
65 100

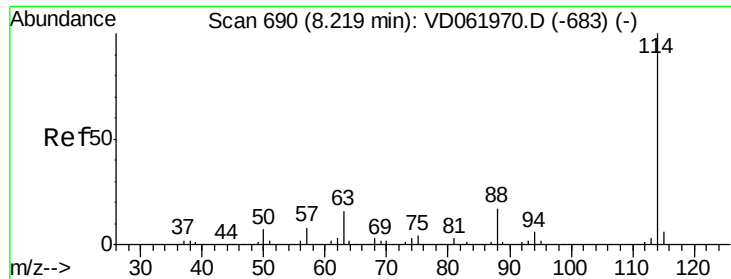
67 51.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

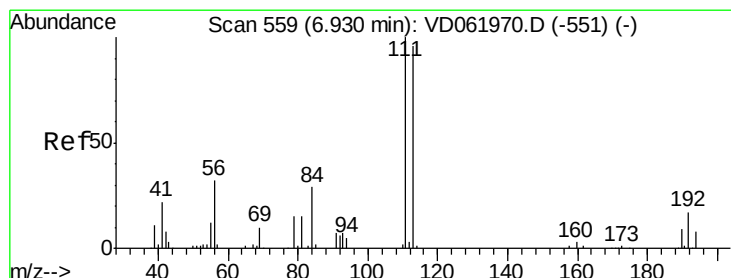
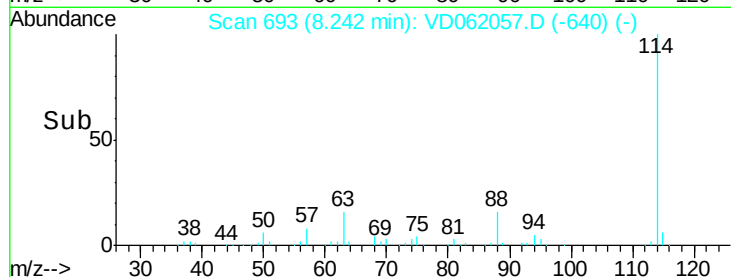
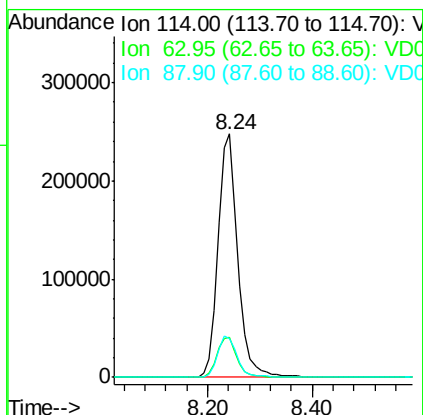
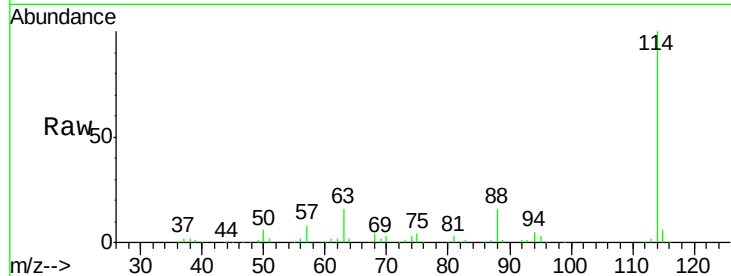




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.02 min
 Lab File: VD062057.D
 Acq: 26 Apr 2019 13:02

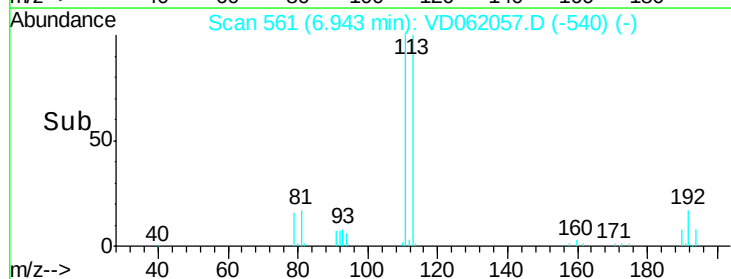
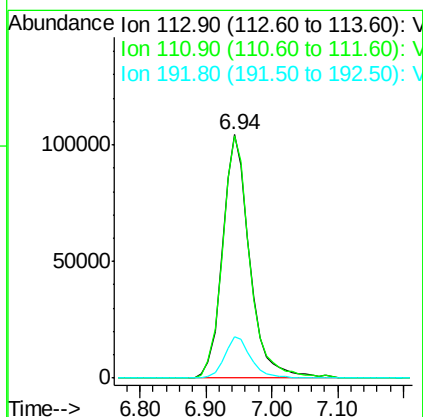
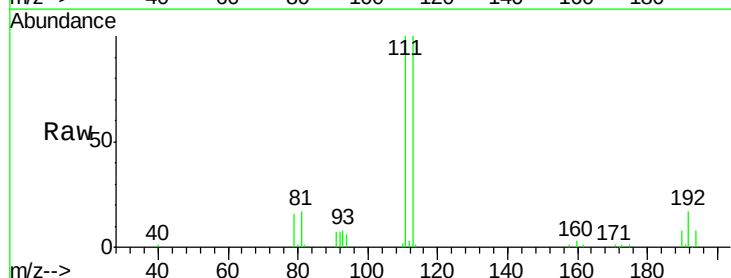
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-042519RE

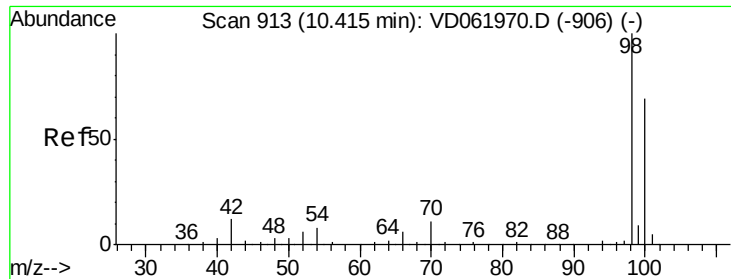
Tot Ion:114 Resp: 648816
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 32.4
 88 16.0 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 66.740 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: VD062057.D
 Acq: 26 Apr 2019 13:02

Tgt Ion:113 Resp: 299475
 Ion Ratio Lower Upper
 113 100
 111 99.6 78.5 117.7
 192 16.8 13.0 19.4

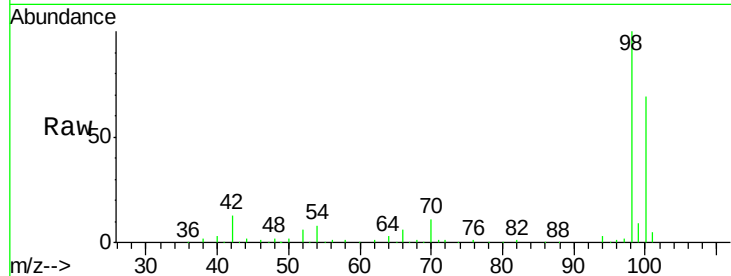




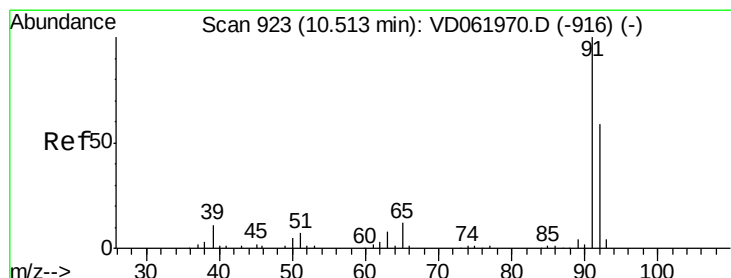
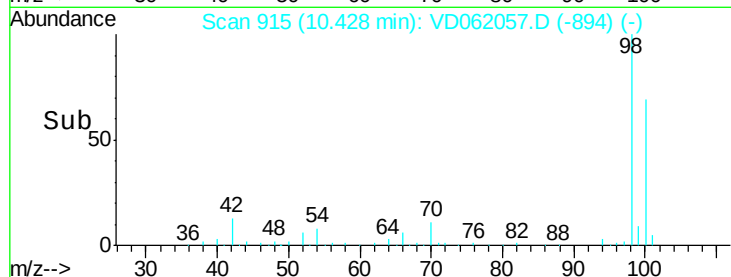
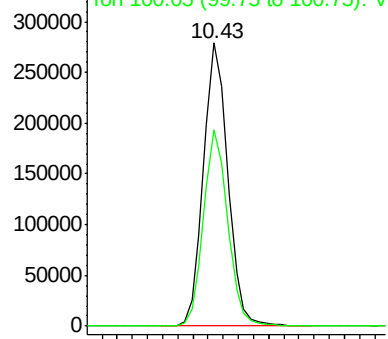
#50
Toluene-d8
Concen: 58.283 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD062057.D
Acq: 26 Apr 2019 13:02

Instrument :
MSVOA_D
ClientSampleId :
OK-01-042519RE

Tot Ion: 98 Resp: 622299
Ion Ratio Lower Upper
98 100
100 69.3 53.8 80.8

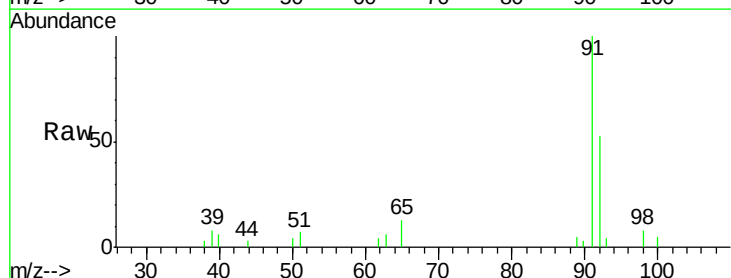


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

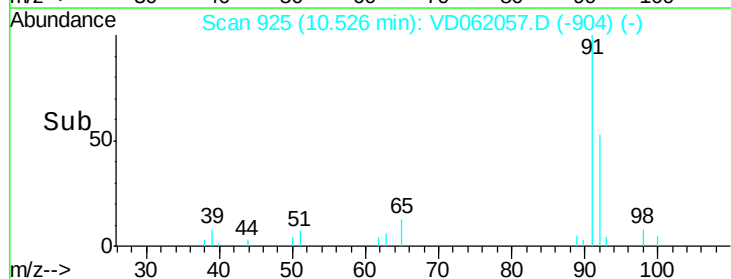
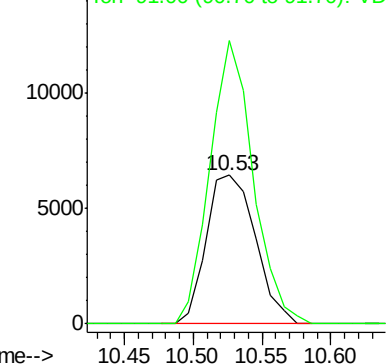


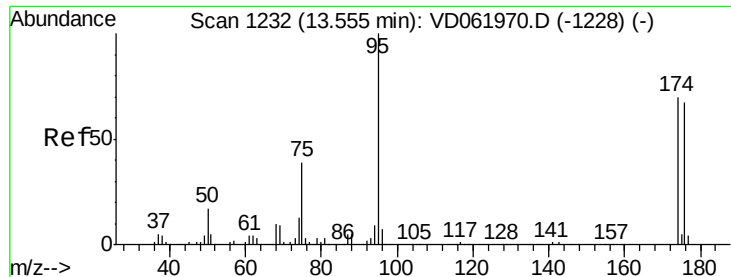
#52
Toluene
Concen: 2.005 ug/l
RT: 10.53 min Scan# 925
Delta R.T. 0.01 min
Lab File: VD062057.D
Acq: 26 Apr 2019 13:02

Tgt Ion: 92 Resp: 15995
Ion Ratio Lower Upper
92 100
91 190.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VD0
Ion 91.00 (90.70 to 91.70): VD0

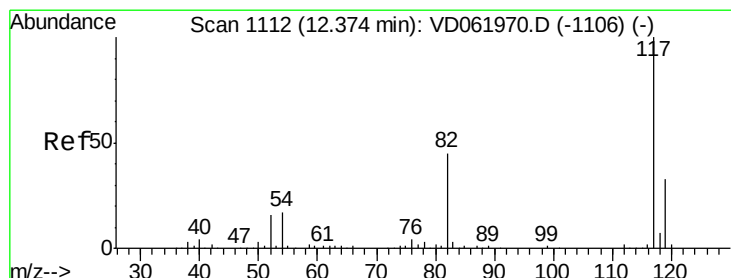
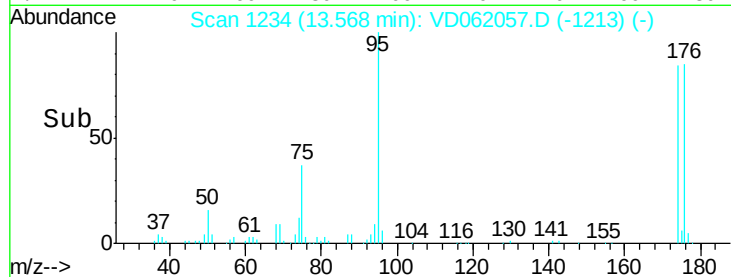
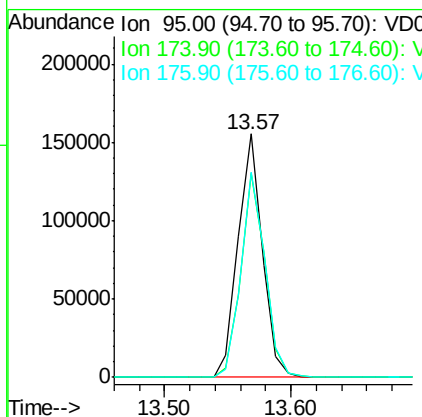
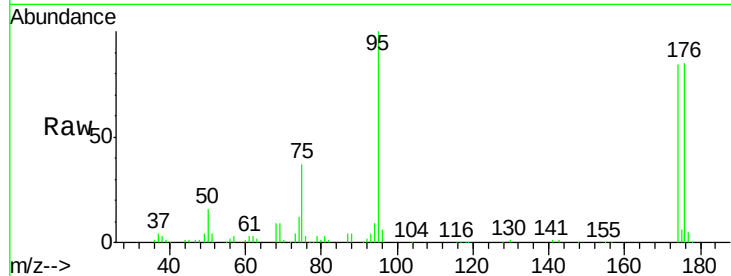




#62
4-Bromofluorobenzene
Concen: 47.913 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.01 min
Lab File: VD062057.D
Acq: 26 Apr 2019 13:02

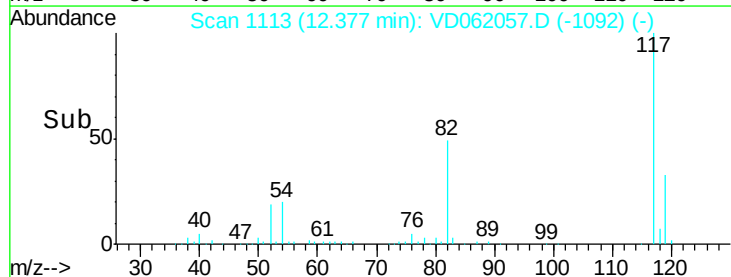
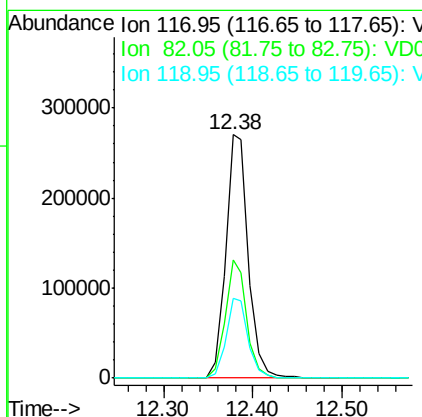
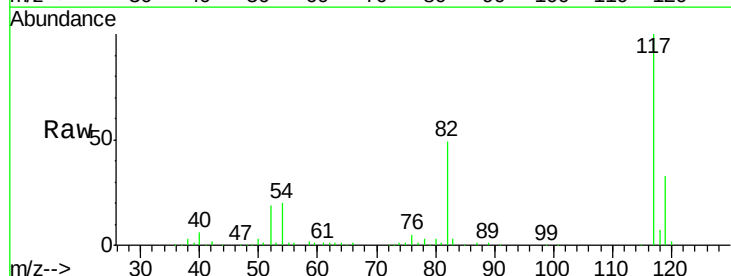
Instrument :
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ClientSampleId :
OK-01-042519RE

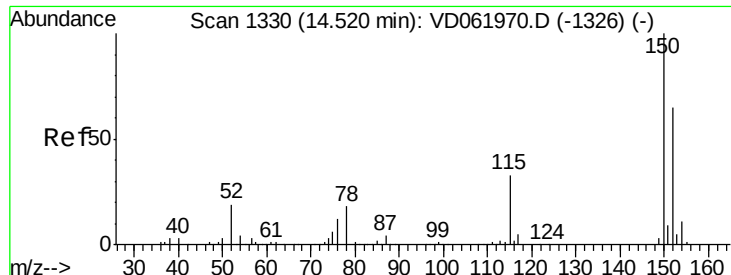
Tot Ion: 95 Resp: 205190
Ion Ratio Lower Upper
95 100
174 83.9 0.0 181.8
176 84.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062057.D
Acq: 26 Apr 2019 13:02

Tgt Ion: 117 Resp: 478878
Ion Ratio Lower Upper
117 100
82 48.7 36.2 54.2
119 32.5 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VD062057.D

Acq: 26 Apr 2019 13:02

Instrument :

MSVOA_D

ClientSampleId :

OK-01-042519RE

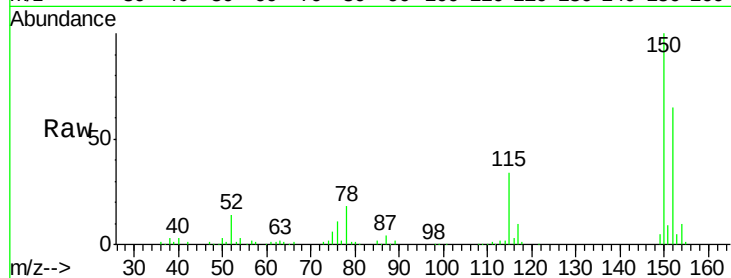
Tot Ion:152 Resp: 155764

Ion Ratio Lower Upper

152 100

115 51.6 30.9 92.7

150 153.6 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

