

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061564.D
 Acq On : 3 Apr 2019 19:15
 Operator : VA/AP
 Sample : K2209-06
 Misc : 5.96g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E-8

Quant Time: Apr 04 02:56:22 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

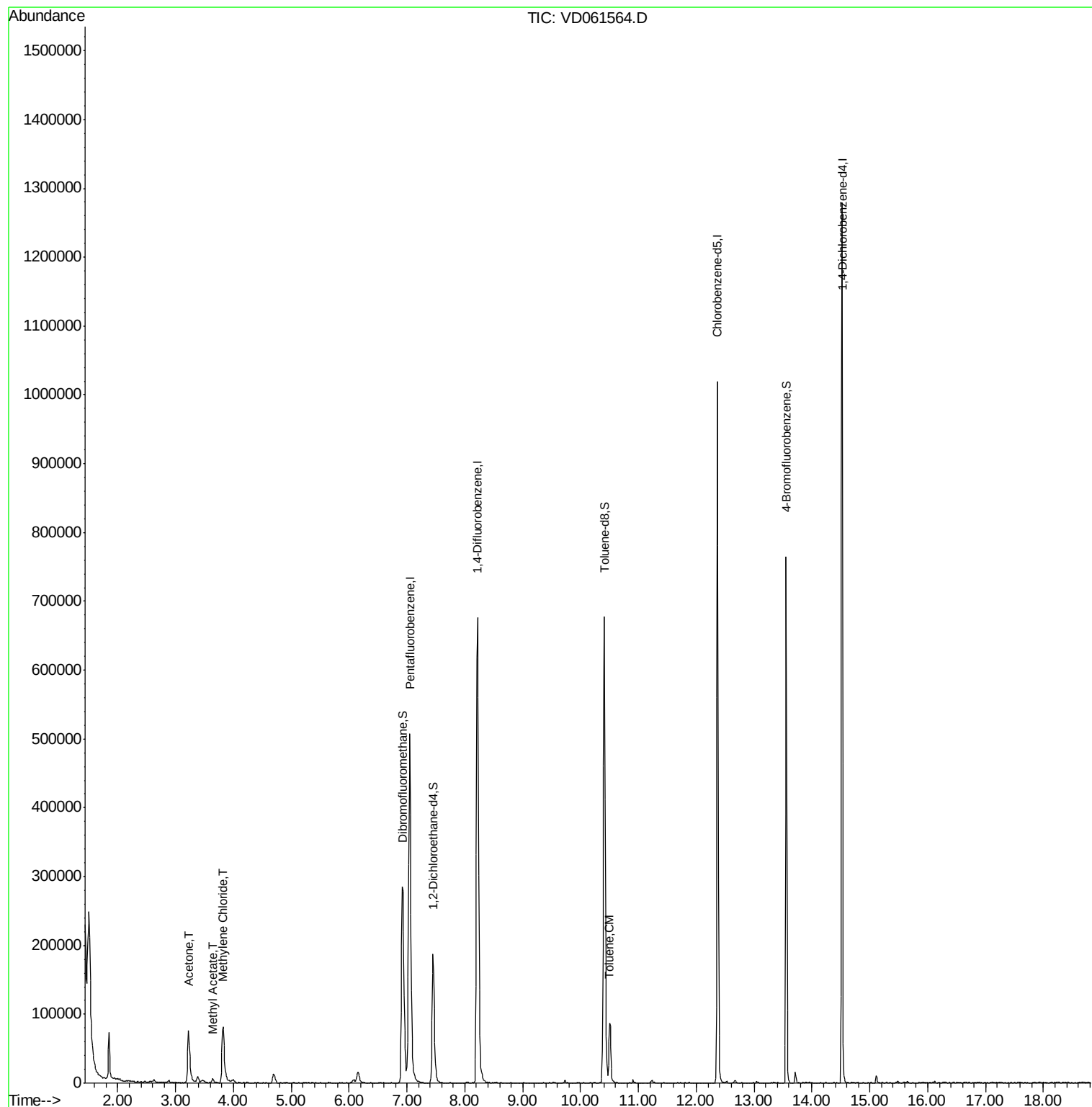
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	512264	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	848551	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	638034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	289273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	188107	42.99	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.98%	
35) Dibromofluoromethane	6.92	113	286464	44.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.36%	
50) Toluene-d8	10.41	98	642243	41.29	ug/l	0.03
Spiked Amount 50.000			Recovery	=	82.58%	
62) 4-Bromofluorobenzene	13.55	95	235527	39.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.98%	
Target Compounds						
16) Acetone	3.23	43	153878	136.791	ug/l	98
18) Methyl Acetate	3.64	43	10098	4.269	ug/l	98
20) Methylene Chloride	3.82	84	70330	9.609	ug/l	95
52) Toluene	10.51	92	51077	4.504	ug/l	94

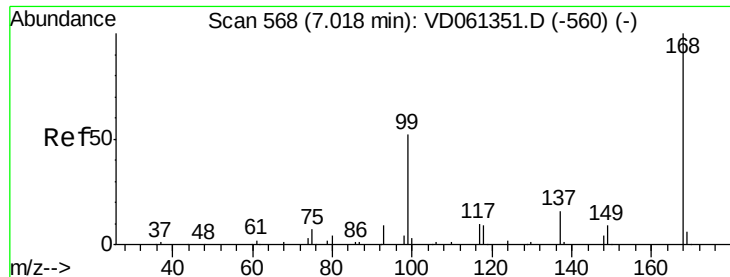
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061564.D

Acq: 3 Apr 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

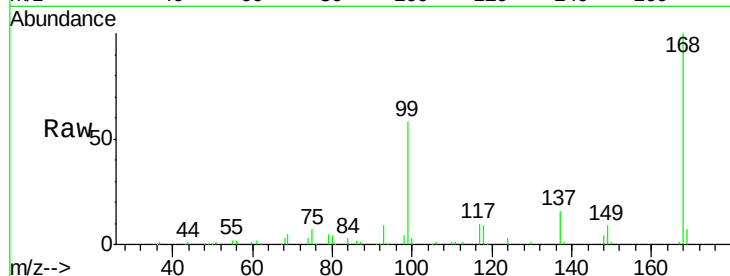
E-8

Tot Ion:168 Resp: 512264

Ion Ratio Lower Upper

168 100

99 58.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

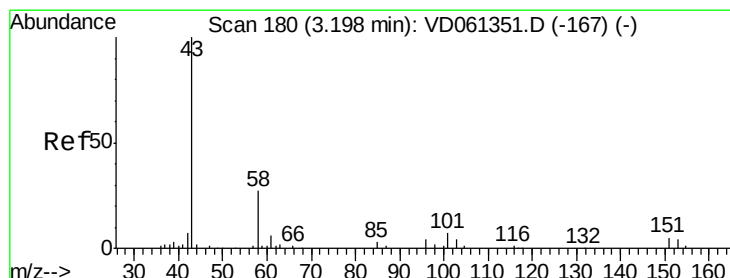
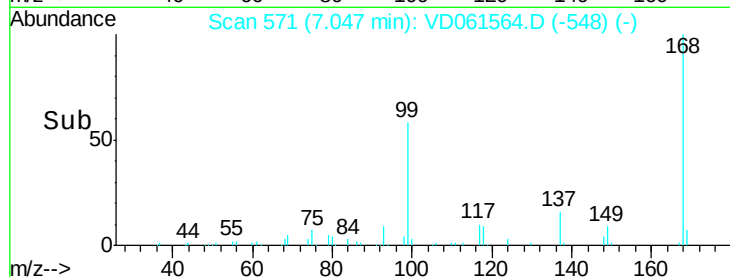
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 136.791 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061564.D

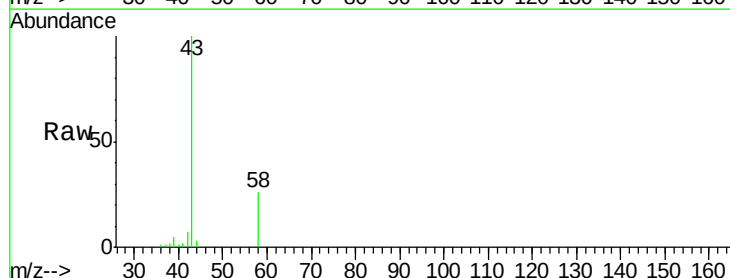
Acq: 3 Apr 2019 19:15

Tgt Ion: 43 Resp: 153878

Ion Ratio Lower Upper

43 100

58 26.1 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

60000

50000

40000

30000

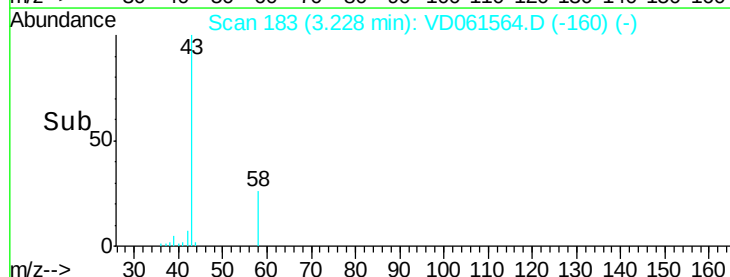
20000

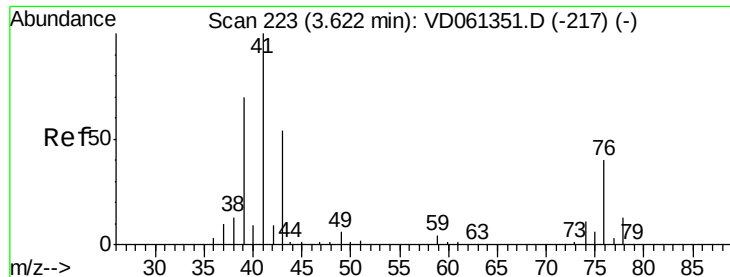
10000

0

3.10 3.20 3.30 3.40

Time-->

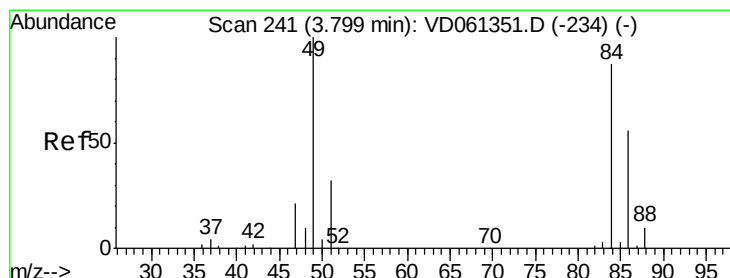
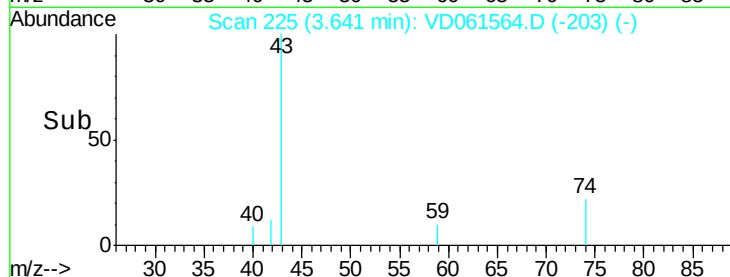
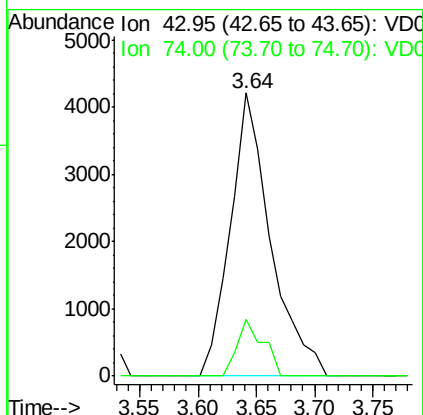
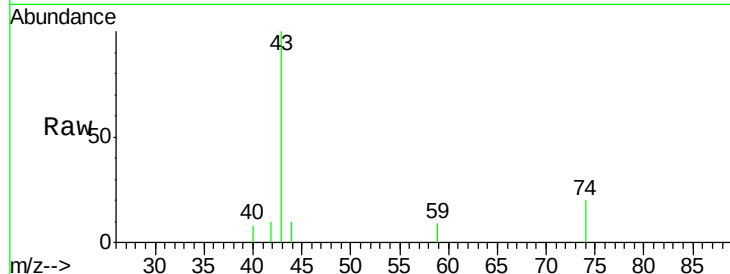




#18
Methyl Acetate
Concen: 4.269 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.02 min
Lab File: VD061564.D
Acq: 3 Apr 2019 19:15

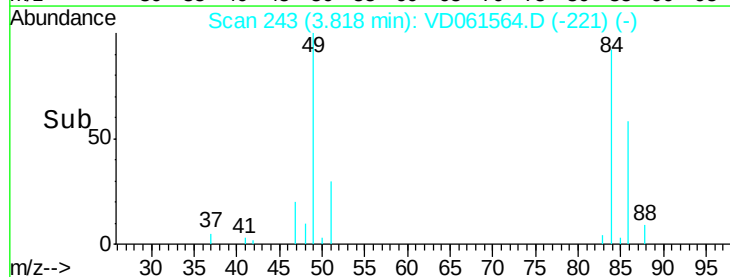
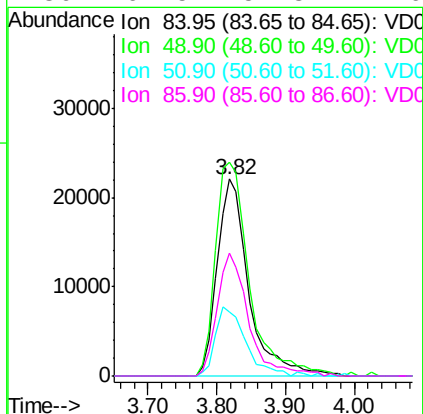
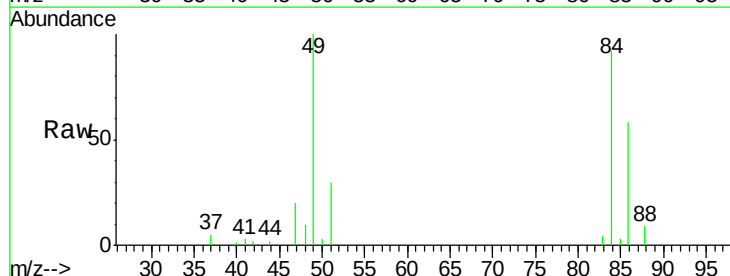
Instrument :
MSVOA_D
ClientSampleId :
E-8

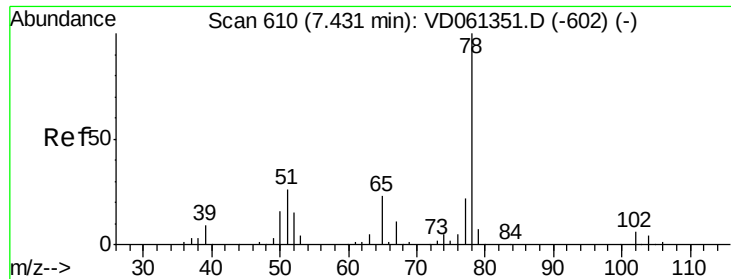
Tot Ion: 43 Resp: 10098
Ion Ratio Lower Upper
43 100
74 20.0 16.7 25.1



#20
Methylene Chloride
Concen: 9.609 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061564.D
Acq: 3 Apr 2019 19:15

Tgt Ion: 84 Resp: 70330
Ion Ratio Lower Upper
84 100
49 108.4 91.8 137.8
51 32.6 29.8 44.8
86 62.5 51.8 77.6

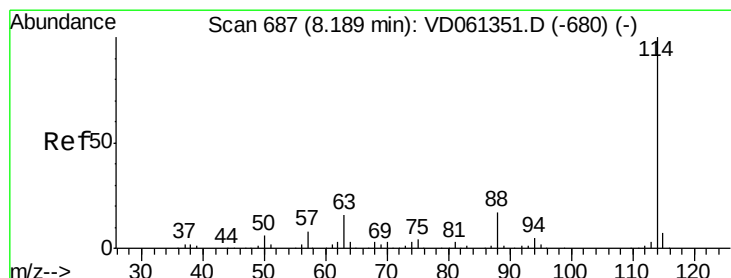
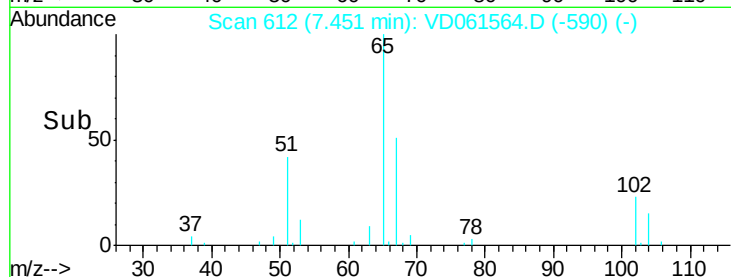
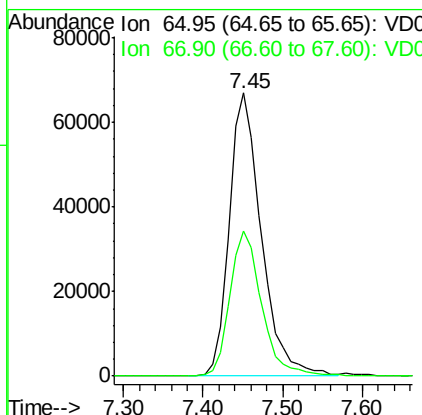
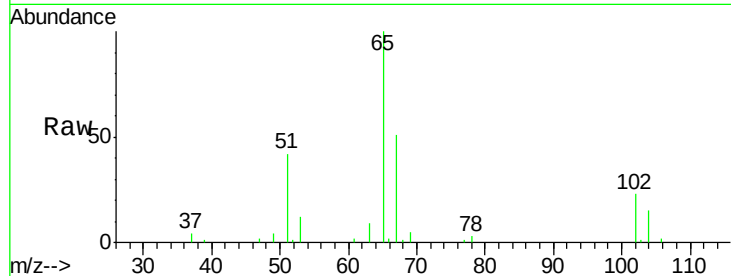




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.02 min
 Lab File: VD061564.D
 Acq: 3 Apr 2019 19:15

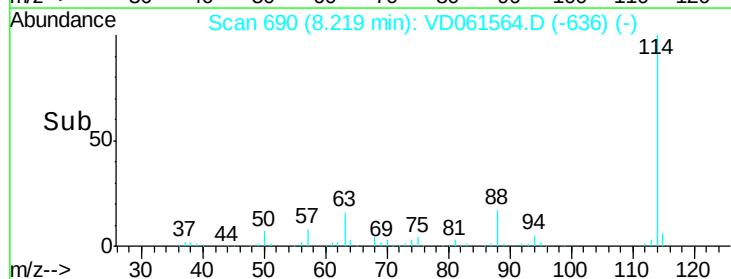
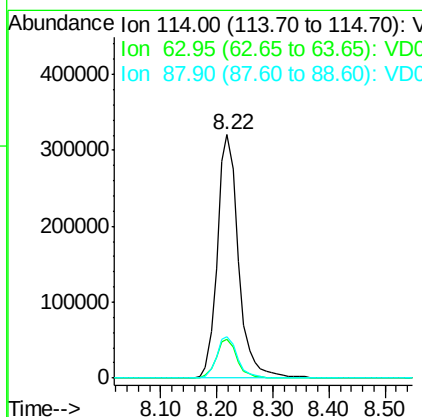
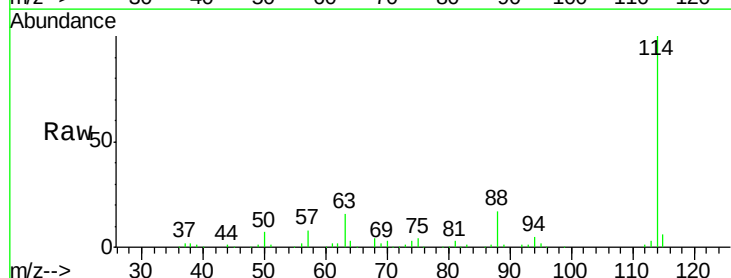
Instrument :
 MSVOA_D
 ClientSampleId :
 E-8

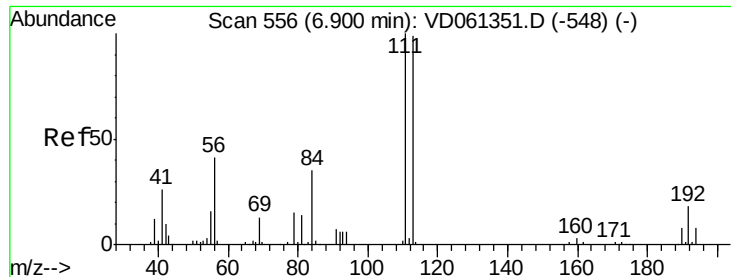
Tot Ion: 65 Resp: 188107
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061564.D
 Acq: 3 Apr 2019 19:15

Tgt Ion: 114 Resp: 848551
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.6
 88 16.9 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: VD061564.D

Acq: 3 Apr 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

E-8

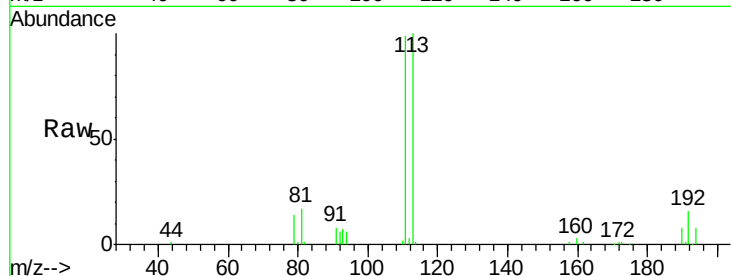
Tot Ion:113 Resp: 286464

Ion Ratio Lower Upper

113 100

111 98.5 81.0 121.6

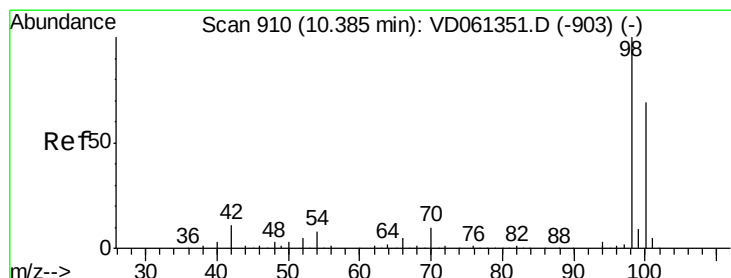
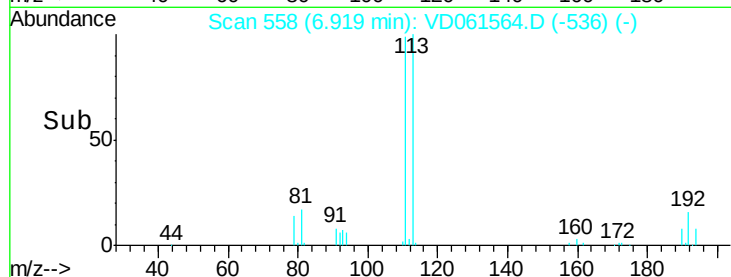
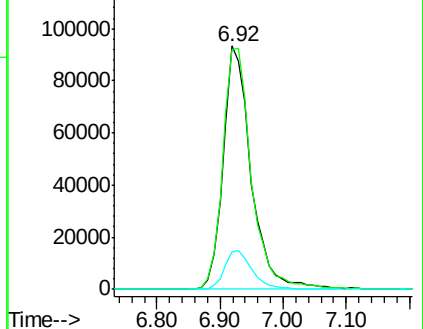
192 15.7 14.4 21.6



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.03 min

Lab File: VD061564.D

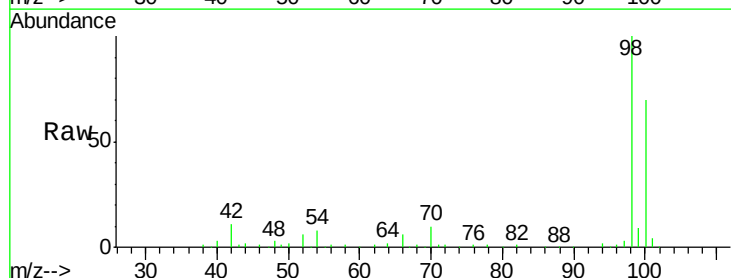
Acq: 3 Apr 2019 19:15

Tgt Ion: 98 Resp: 642243

Ion Ratio Lower Upper

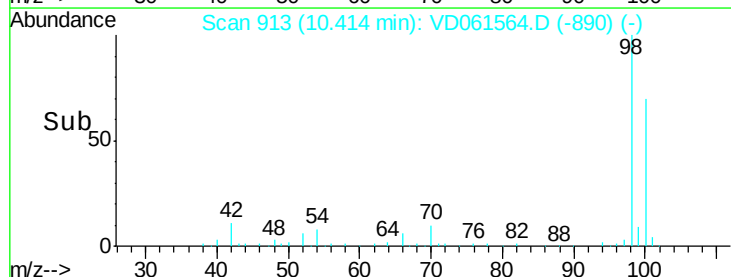
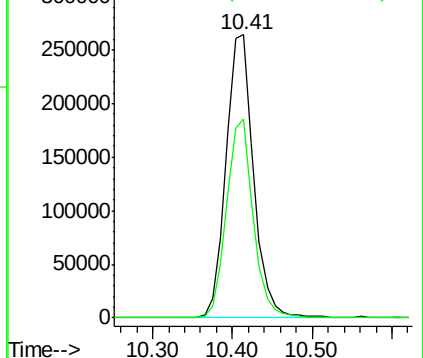
98 100

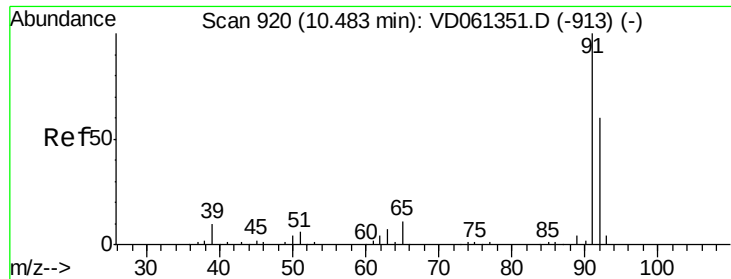
100 70.2 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 4.504 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.03 min

Lab File: VD061564.D

Acq: 3 Apr 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

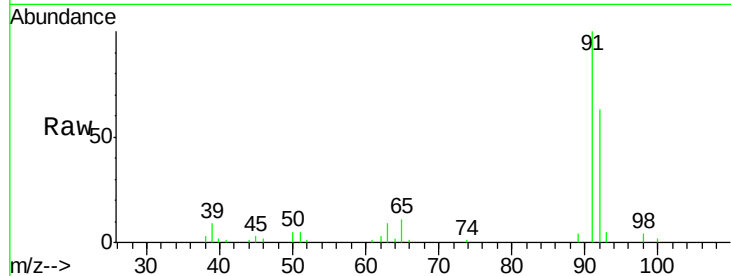
E-8

Tot Ion: 92 Resp: 51077

Ion Ratio Lower Upper

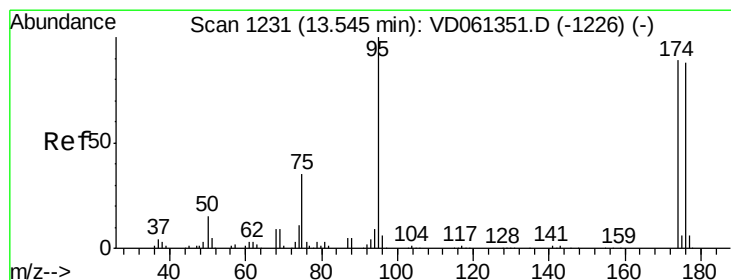
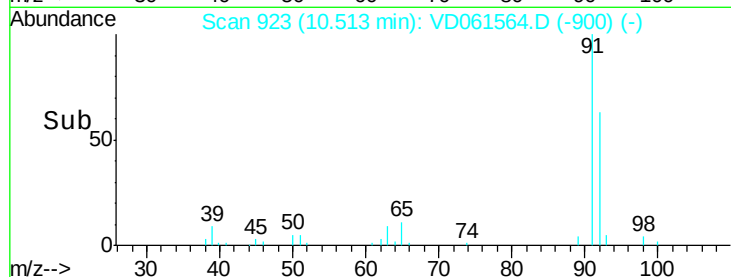
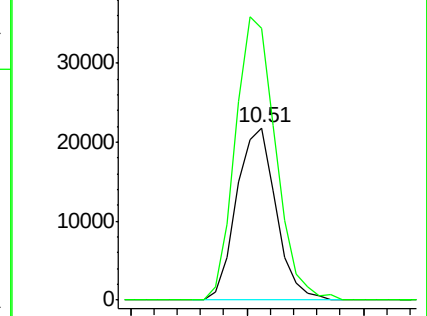
92 100

91 158.1 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061564.D

Acq: 3 Apr 2019 19:15

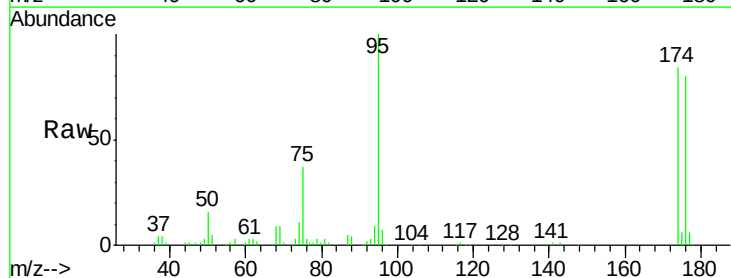
Tgt Ion: 95 Resp: 235527

Ion Ratio Lower Upper

95 100

174 83.9 0.0 178.0

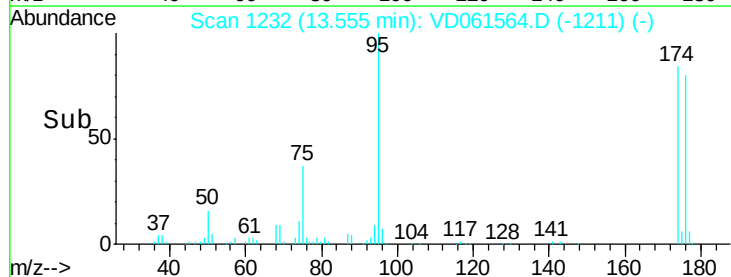
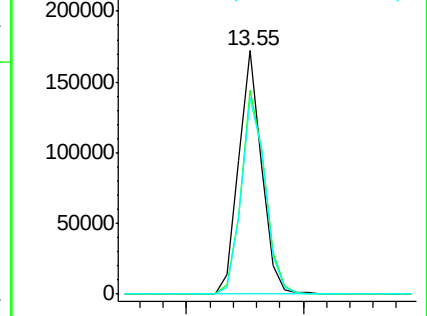
176 80.5 0.0 175.0

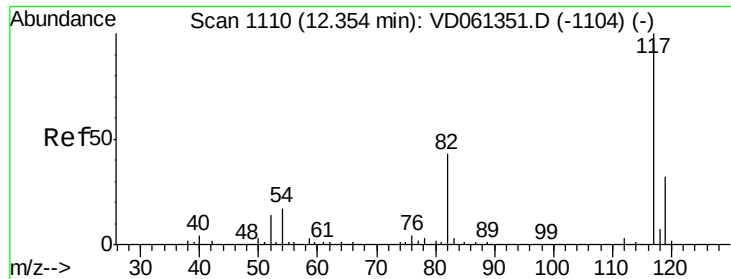


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

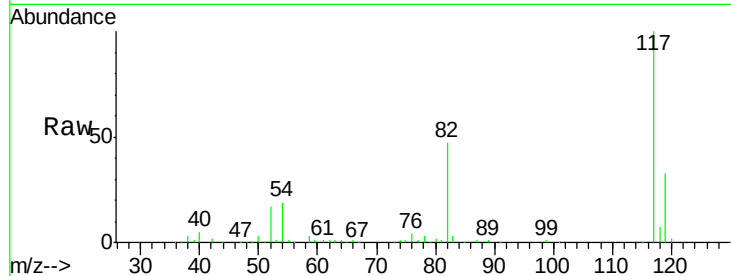




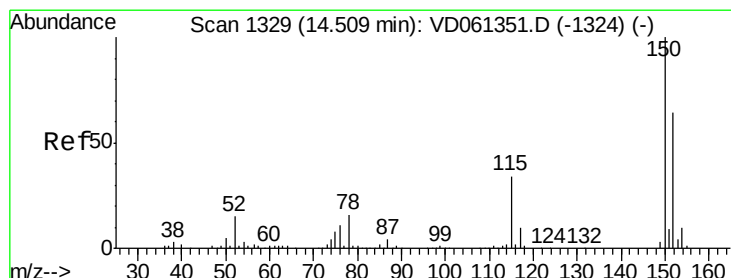
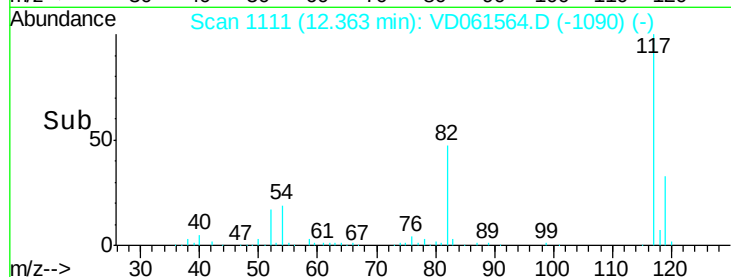
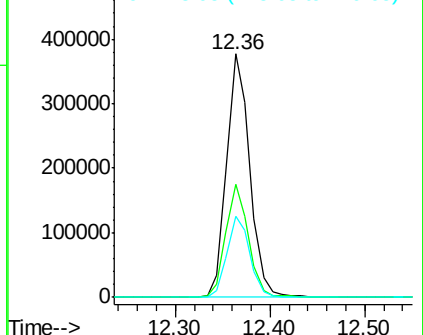
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061564.D
Acq: 3 Apr 2019 19:15

Instrument :
MSVOA_D
ClientSampled :
E-8

Tot Ion:117 Resp: 638034
Ion Ratio Lower Upper
117 100
82 46.5 34.4 51.6
119 33.1 25.8 38.6

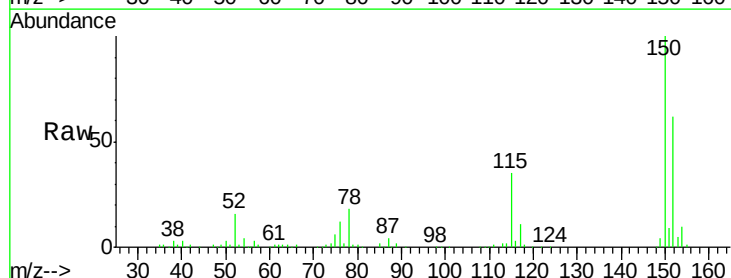


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061564.D
Acq: 3 Apr 2019 19:15

Tgt Ion:152 Resp: 289273
Ion Ratio Lower Upper
152 100
115 56.9 26.9 80.6
150 162.4 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

