

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061745.D
 Acq On : 11 Apr 2019 17:11
 Operator : VA/AP
 Sample : K2343-02
 Misc : 4.85g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-S2

Quant Time: Apr 12 02:08:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

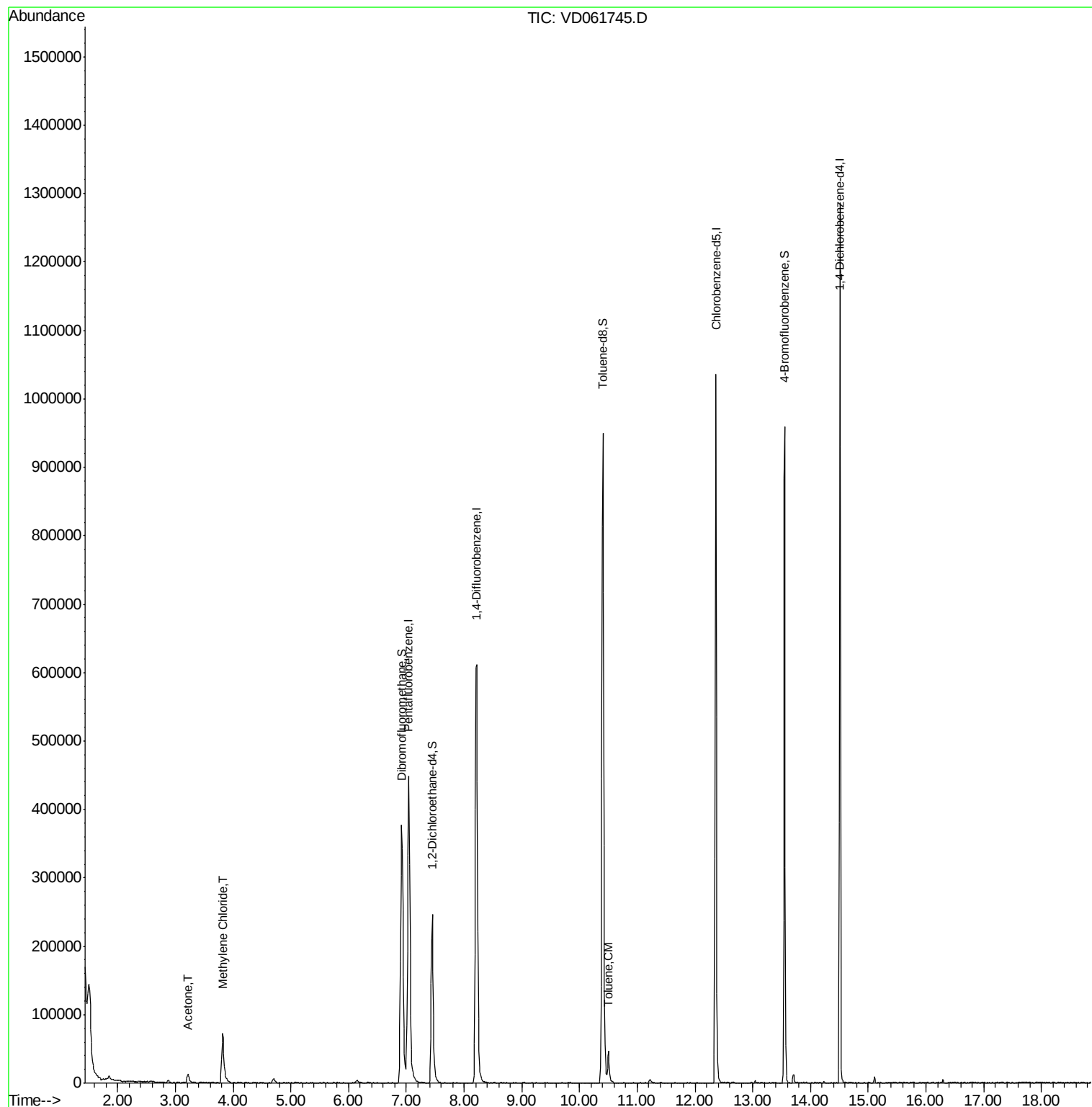
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	474383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	788558	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	673351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	297263	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	237816	66.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.28%	
35) Dibromofluoromethane	6.92	113	372696	68.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.44%	
50) Toluene-d8	10.40	98	840405	61.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.46%	
62) 4-Bromofluorobenzene	13.54	95	324704	74.80	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	149.60%	
Target Compounds						
16) Acetone	3.22	43	26094	24.276	ug/l #	88
20) Methylene Chloride	3.82	84	55225	9.054	ug/l	97
52) Toluene	10.50	92	23566	2.267	ug/l	92

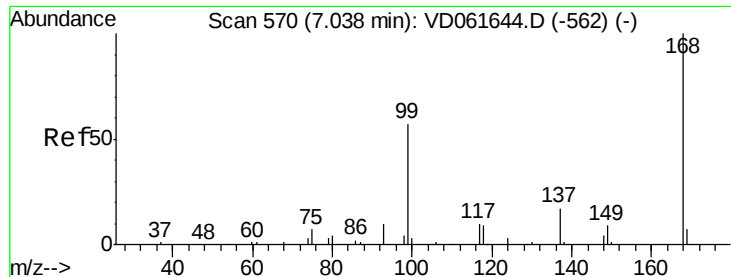
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
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QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

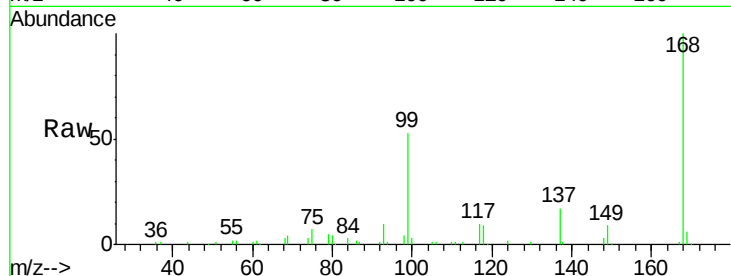
TP-7-S2

Tot Ion:168 Resp: 474383

Ion Ratio Lower Upper

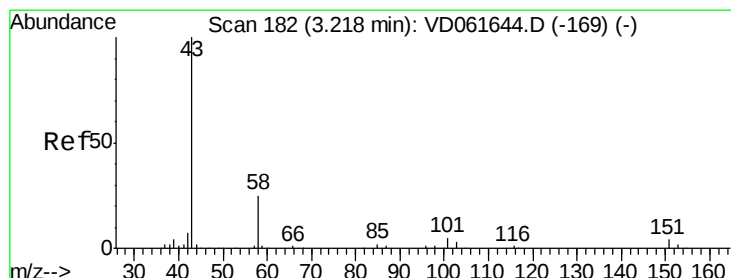
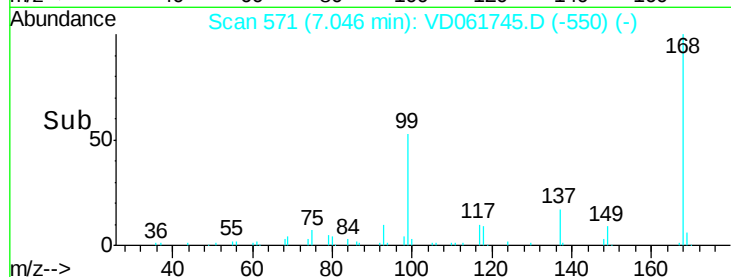
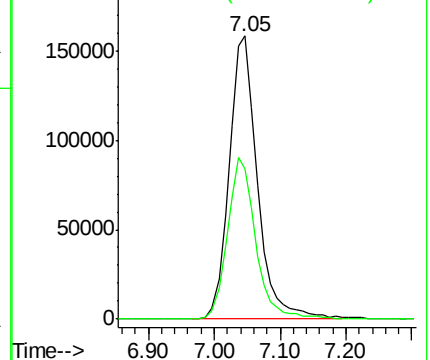
168 100

99 52.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 24.276 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061745.D

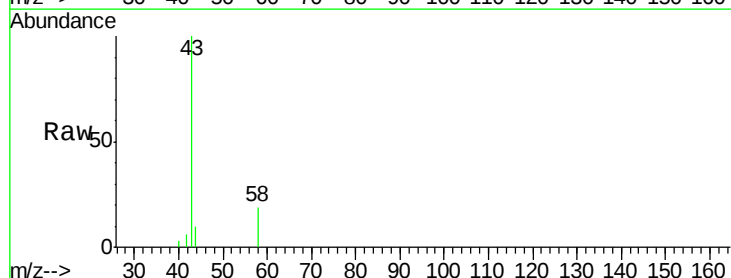
Acq: 11 Apr 2019 17:11

Tgt Ion: 43 Resp: 26094

Ion Ratio Lower Upper

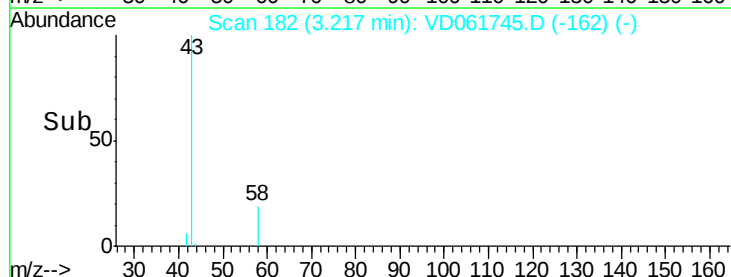
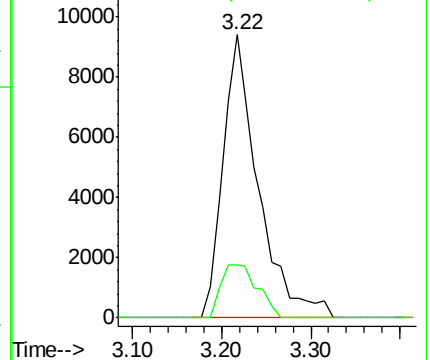
43 100

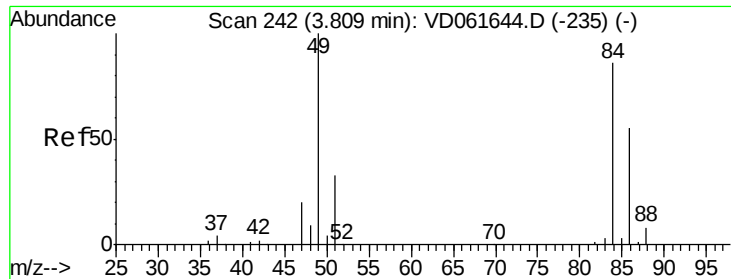
58 18.8 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

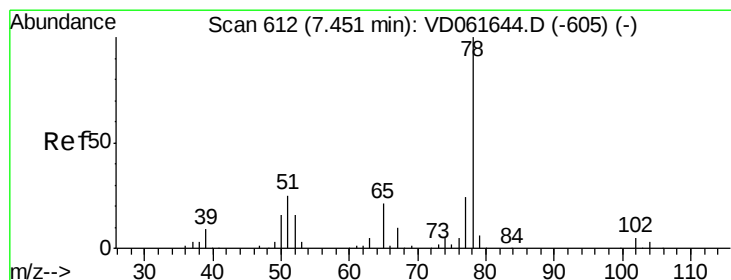
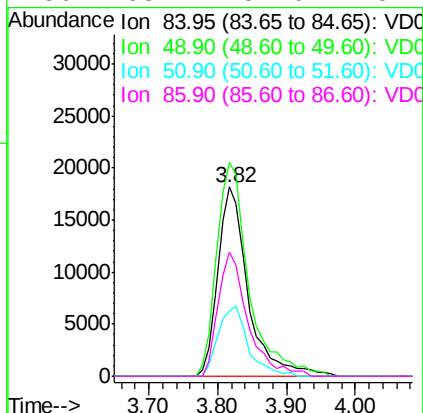
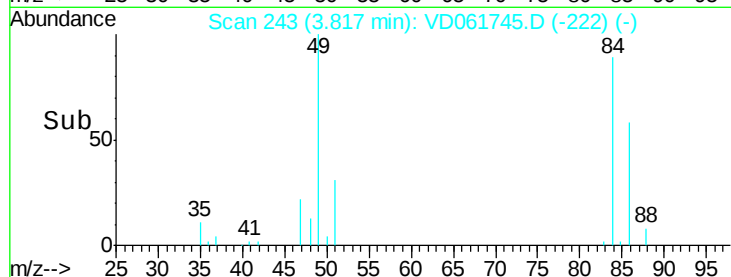
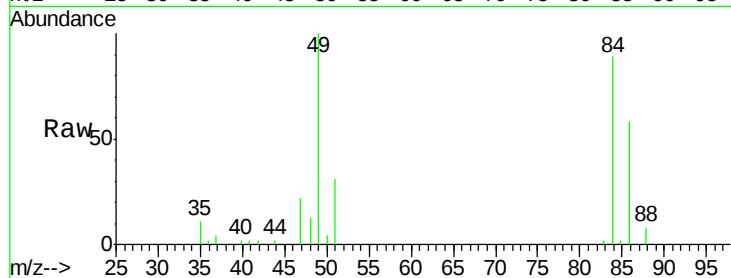




#20
Methvlene Chloride
Concen: 9.054 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061745.D
Acq: 11 Apr 2019 17:11

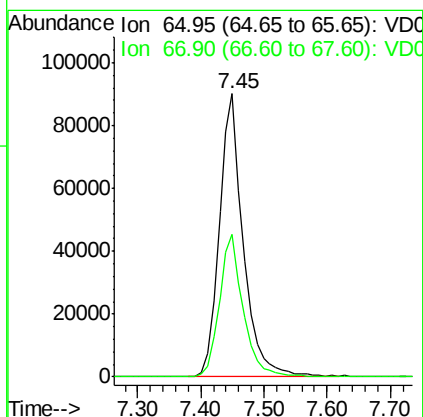
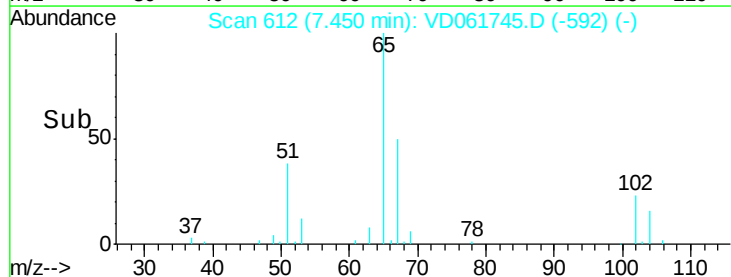
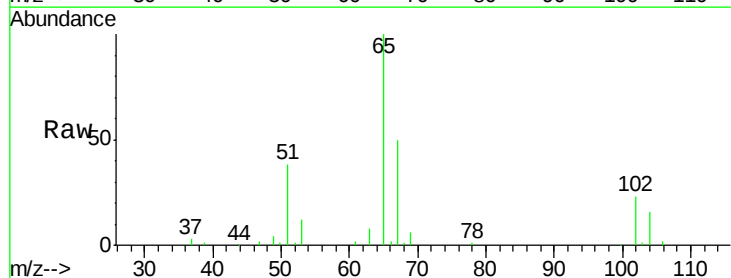
Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2

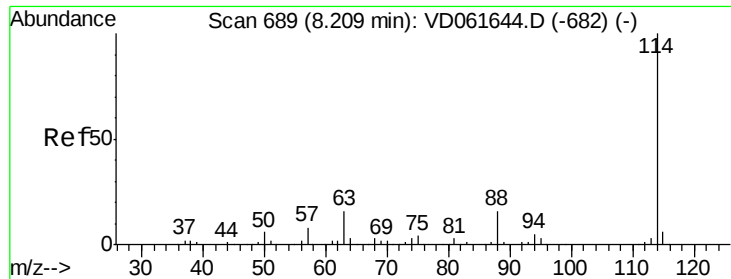
Tot Ion: 84 Resp: 55225
Ion Ratio Lower Upper
84 100
49 112.9 93.0 139.4
51 34.8 30.4 45.6
86 65.4 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061745.D
Acq: 11 Apr 2019 17:11

Tgt Ion: 65 Resp: 237816
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

TP-7-S2

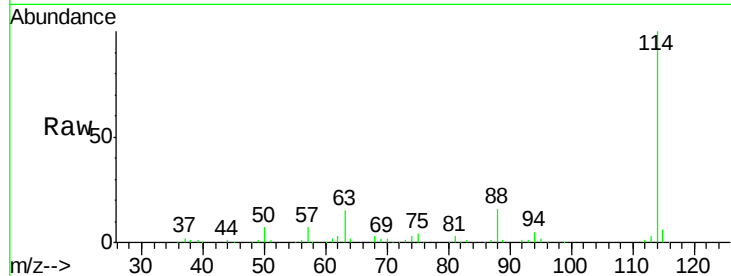
Tot Ion:114 Resp: 788558

Ion Ratio Lower Upper

114 100

63 15.2 0.0 31.2

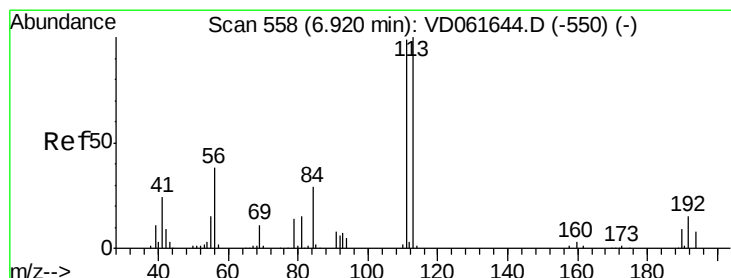
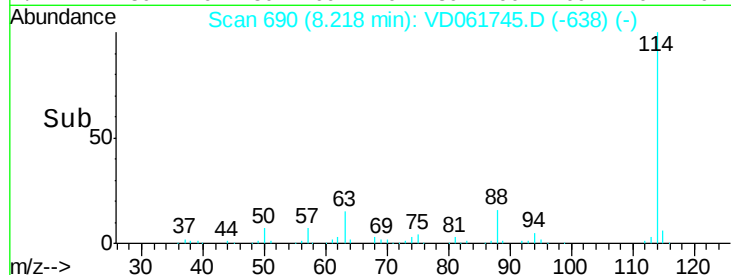
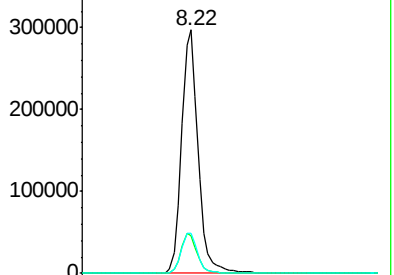
88 16.3 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

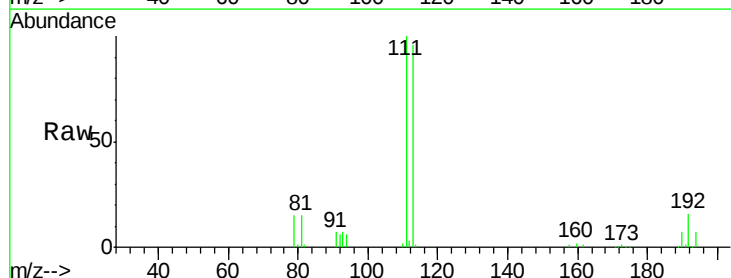
Tgt Ion:113 Resp: 372696

Ion Ratio Lower Upper

113 100

111 104.5 79.3 118.9

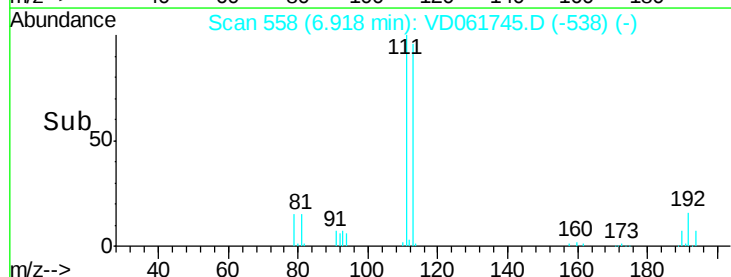
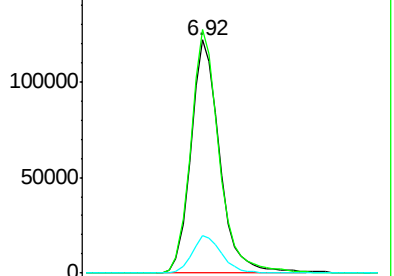
192 16.3 12.3 18.5

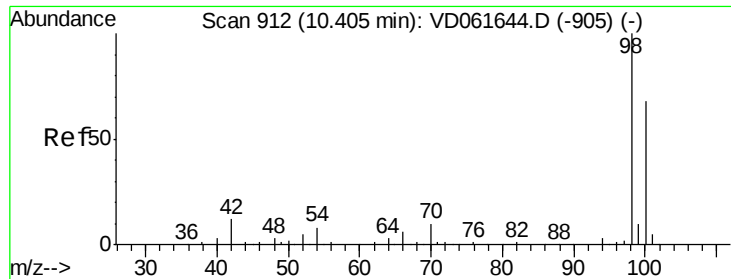


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

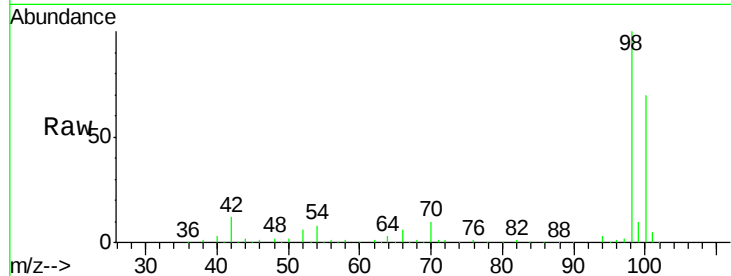




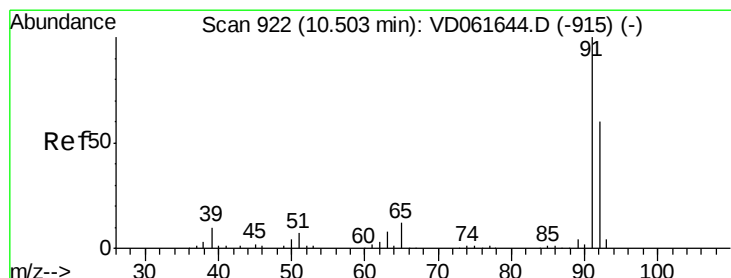
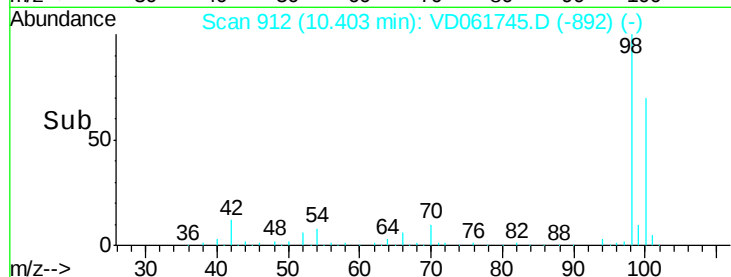
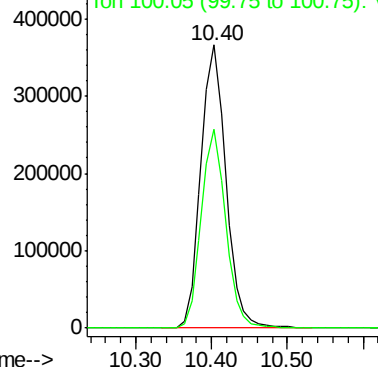
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061745.D
Acq: 11 Apr 2019 17:11

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2

Tot Ion: 98 Resp: 840405
Ion Ratio Lower Upper
98 100
100 70.3 55.4 83.0

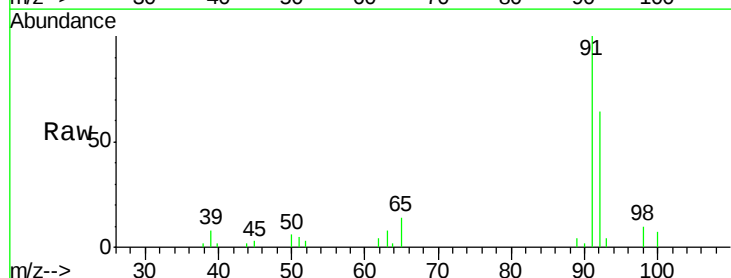


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

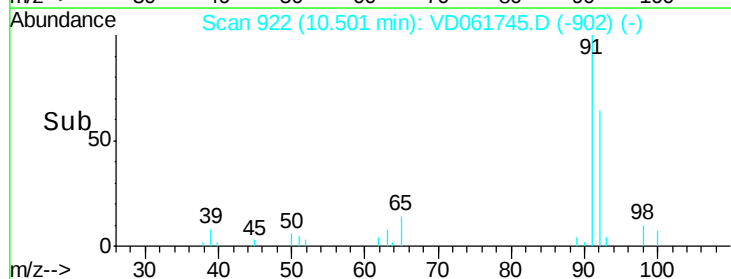
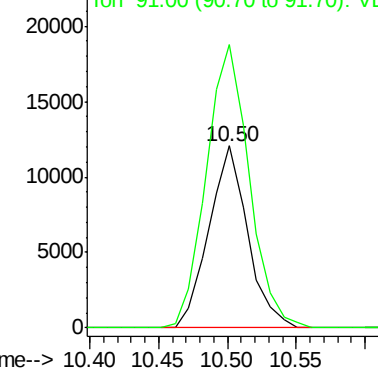


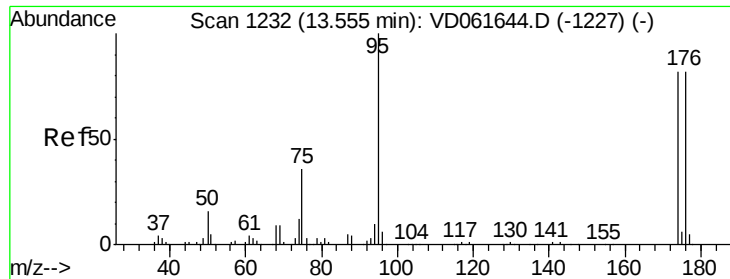
#52
Toluene
Concen: 2.267 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: VD061745.D
Acq: 11 Apr 2019 17:11

Tgt Ion: 92 Resp: 23566
Ion Ratio Lower Upper
92 100
91 155.8 133.0 199.4



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

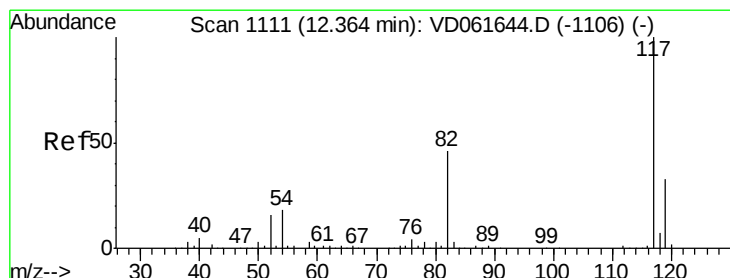
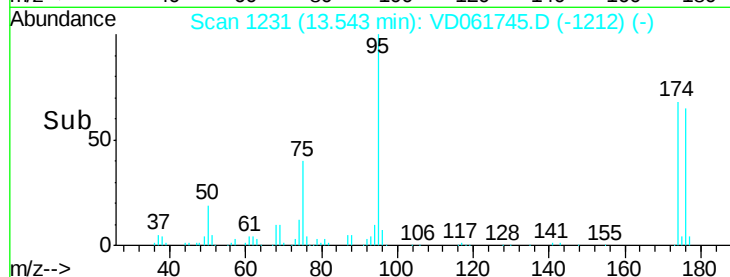
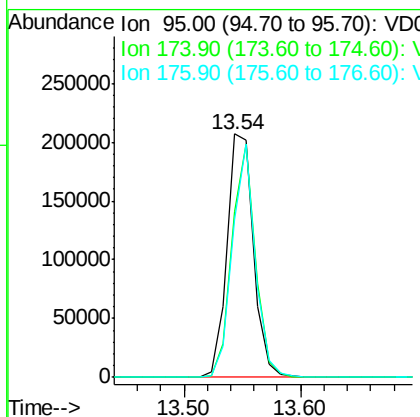
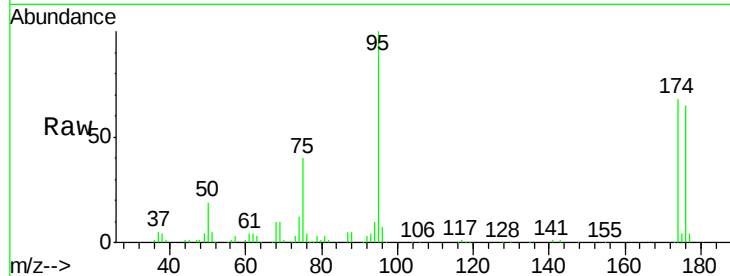




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061745.D
Acq: 11 Apr 2019 17:11

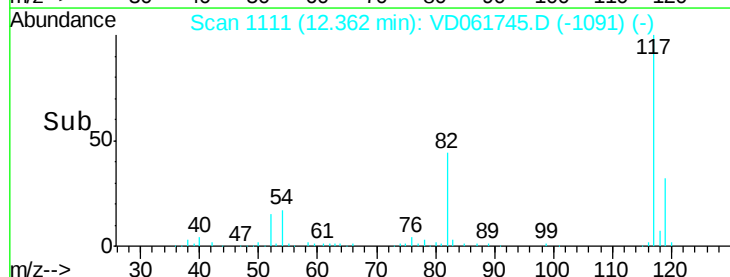
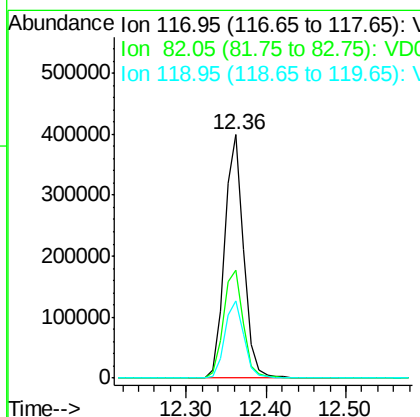
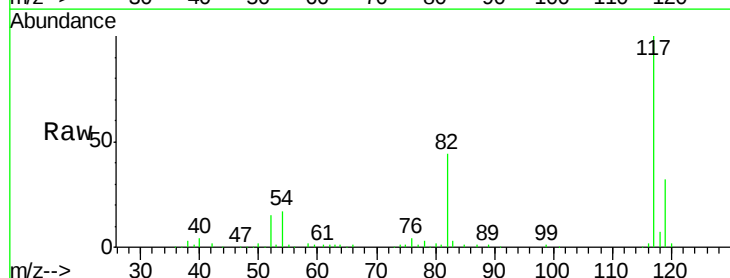
Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2

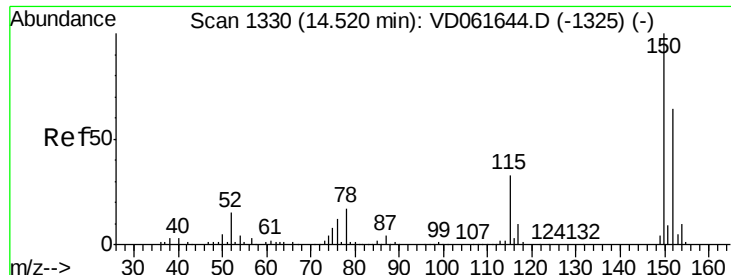
Tot Ion: 95 Resp: 324704
Ion Ratio Lower Upper
95 100
174 68.2 0.0 164.6
176 64.8 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061745.D
Acq: 11 Apr 2019 17:11

Tgt Ion: 117 Resp: 673351
Ion Ratio Lower Upper
117 100
82 44.3 36.8 55.2
119 31.6 26.1 39.1

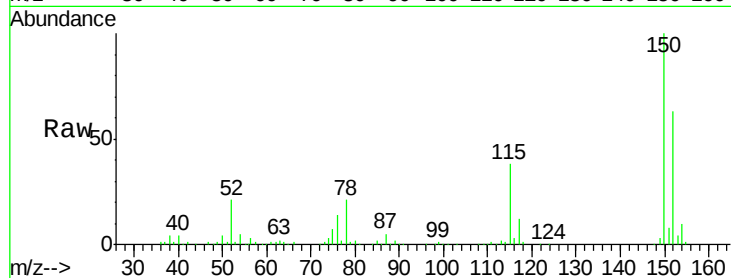




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061745.D
 Acq: 11 Apr 2019 17:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-S2

Tot Ion:152 Resp: 297263
 Ion Ratio Lower Upper
 152 100
 115 60.9 26.4 79.2
 150 159.1 0.0 320.6



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

