

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061482.D
 Acq On : 1 Apr 2019 21:32
 Operator : VA/AP
 Sample : K2182-17
 Misc : 6.12g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S7C(10)

Quant Time: Apr 02 02:33:36 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

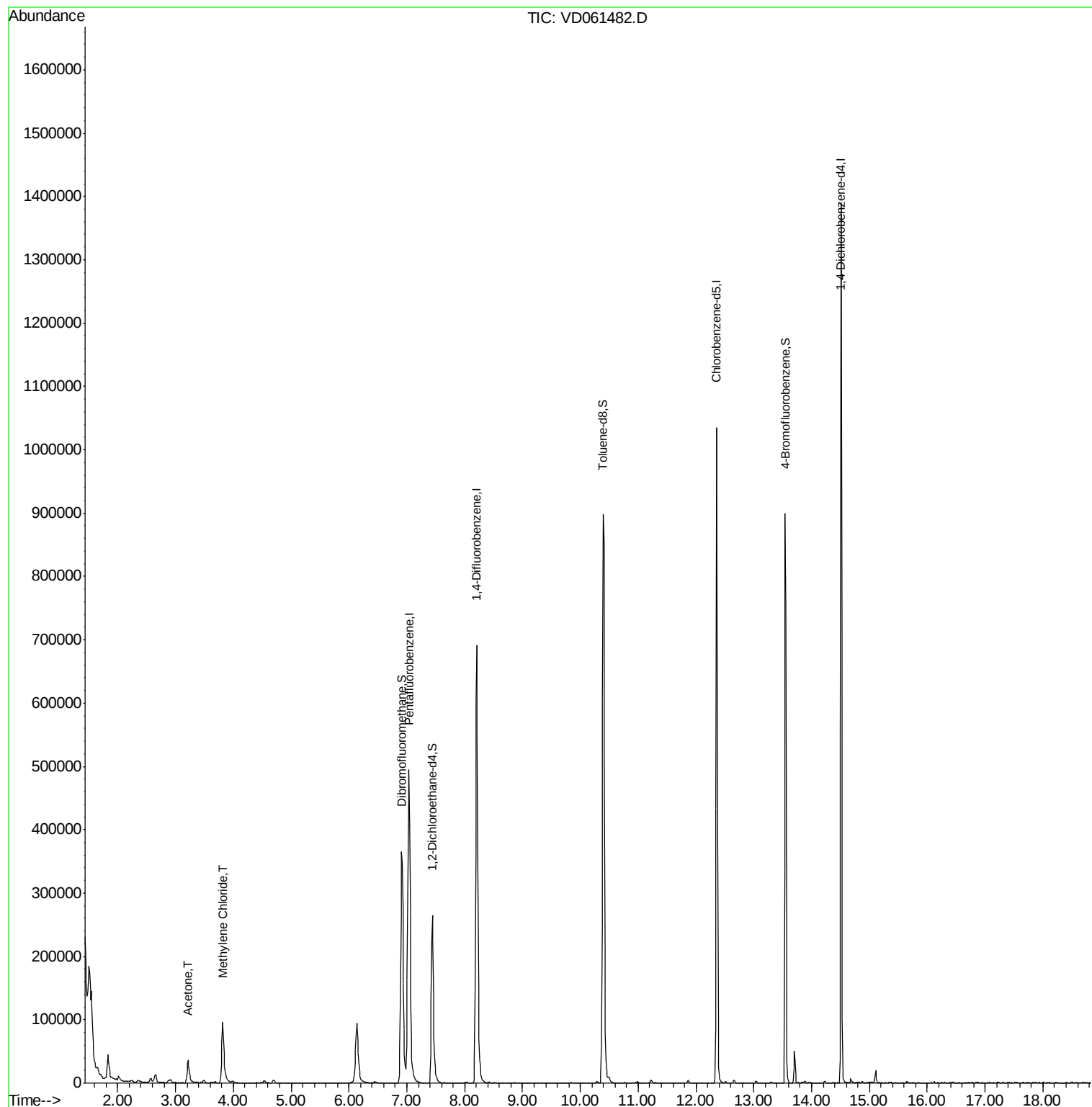
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	513943	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	865335	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.35	117	673409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	298388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	261871	59.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.30%	
35) Dibromofluoromethane	6.91	113	354671	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
50) Toluene-d8	10.39	98	815680	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	13.54	95	301093	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
Target Compounds						
16) Acetone	3.22	43	73083	64.755	ug/l	99
20) Methylene Chloride	3.82	84	74814	10.309	ug/l	98

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

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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: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061482.D

Acq: 1 Apr 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

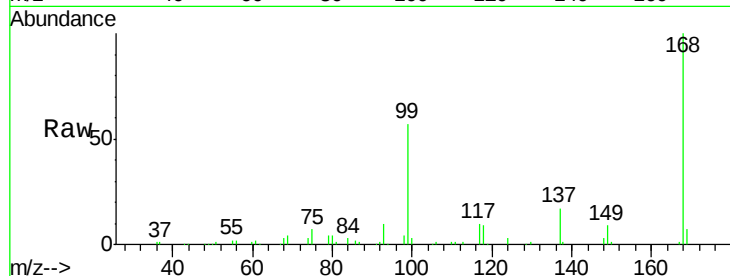
S7C(10)

Tot Ion:168 Resp: 513943

Ion Ratio Lower Upper

168 100

99 57.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

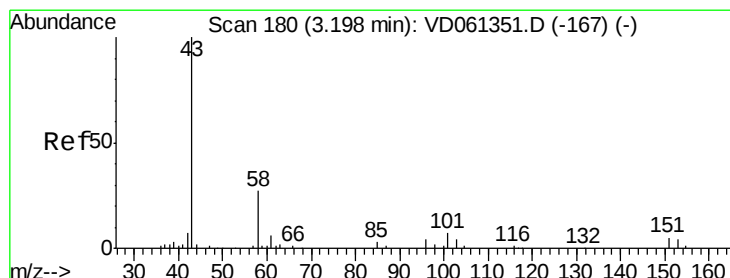
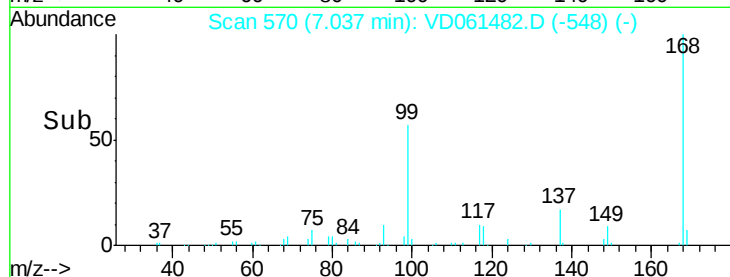
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 64.755 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061482.D

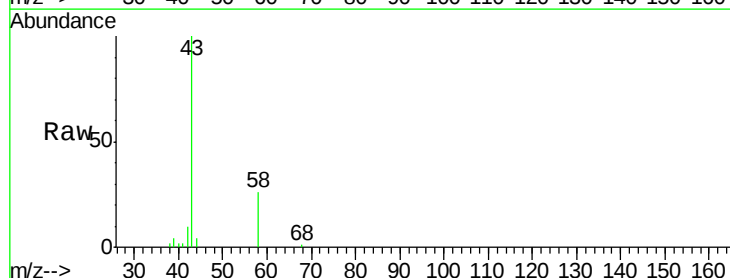
Acq: 1 Apr 2019 21:32

Tgt Ion: 43 Resp: 73083

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

3.22

25000

20000

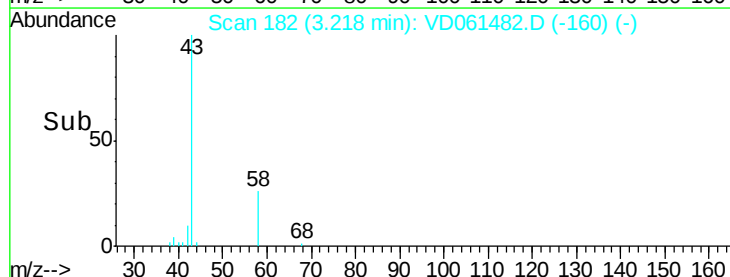
15000

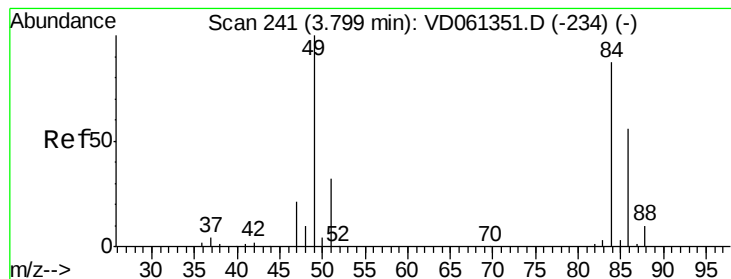
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 10.309 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061482.D

Acq: 1 Apr 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

S7C(10)

Tot Ion: 84 Resp: 74814

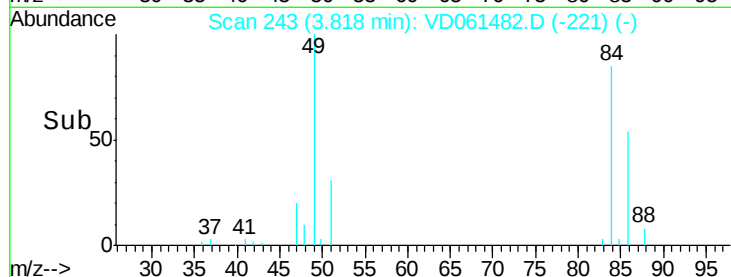
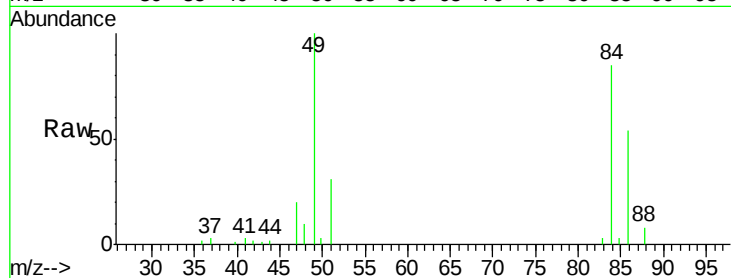
Ion Ratio Lower Upper

84 100

49 117.5 91.8 137.8

51 36.1 29.8 44.8

86 63.3 51.8 77.6

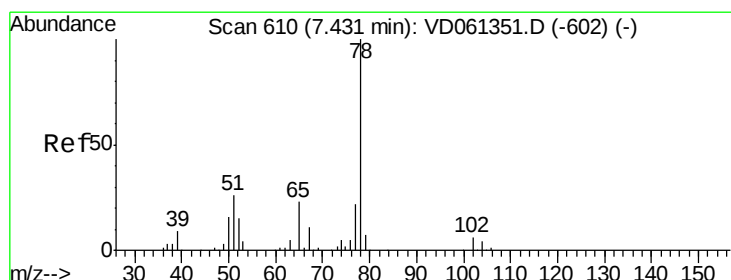
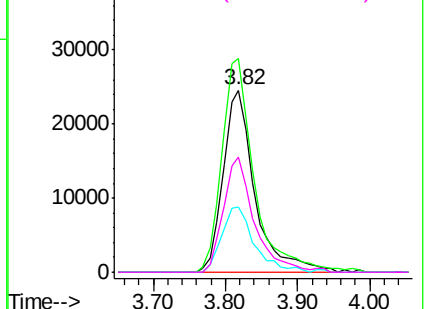


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD061482.D

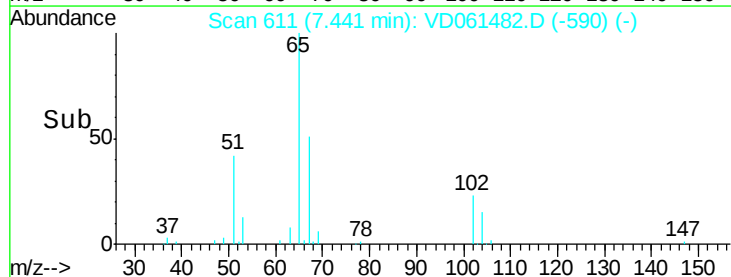
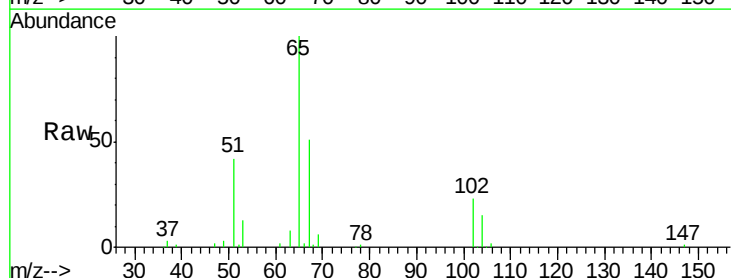
Acq: 1 Apr 2019 21:32

Tgt Ion: 65 Resp: 261871

Ion Ratio Lower Upper

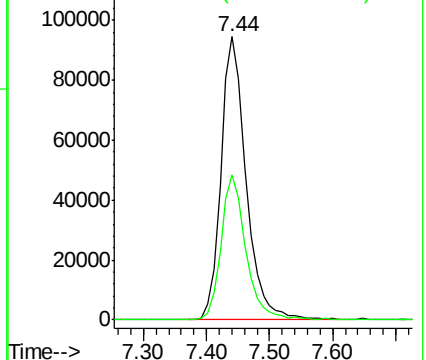
65 100

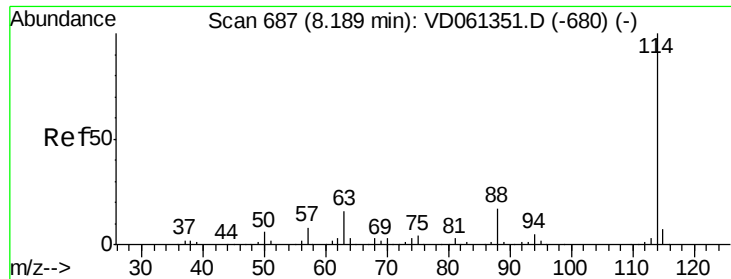
67 51.2 0.0 99.8



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: 8.21 min Scan# 689

Delta R.T. 0.02 min

Lab File: VD061482.D

Acq: 1 Apr 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

S7C(10)

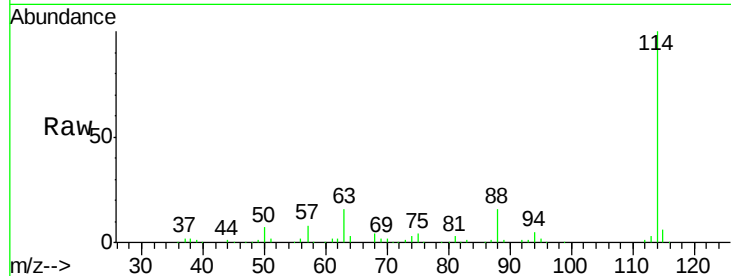
Tot Ion:114 Resp: 865335

Ion Ratio Lower Upper

114 100

63 15.9 0.0 31.6

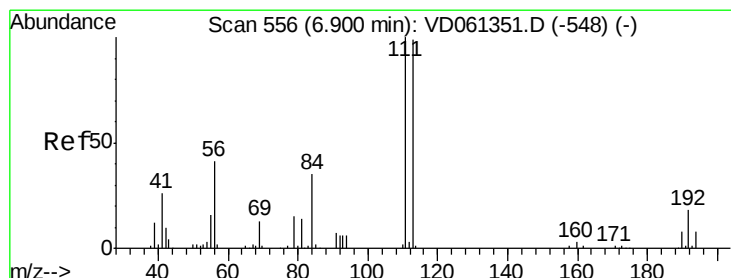
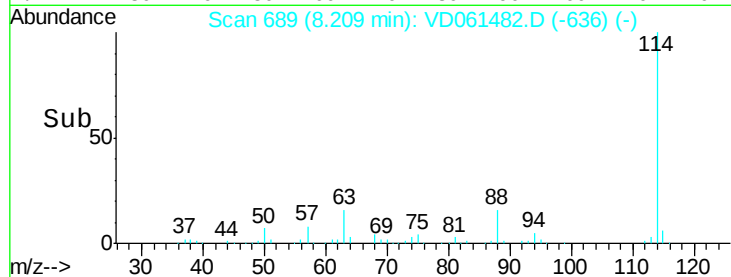
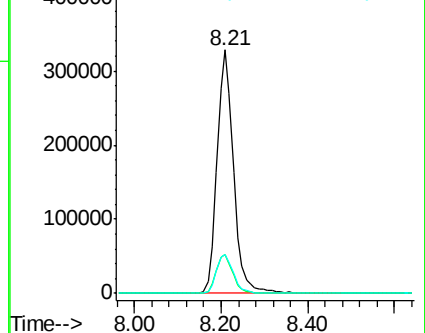
88 16.2 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD061482.D

Acq: 1 Apr 2019 21:32

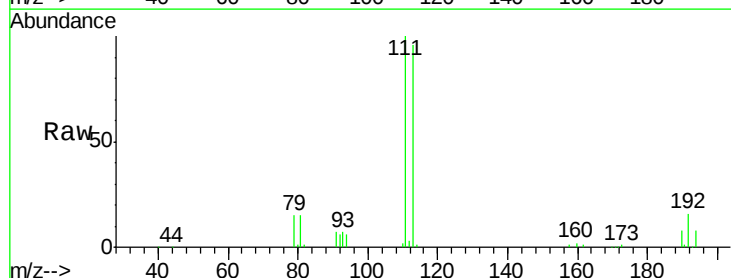
Tgt Ion:113 Resp: 354671

Ion Ratio Lower Upper

113 100

111 104.5 81.0 121.6

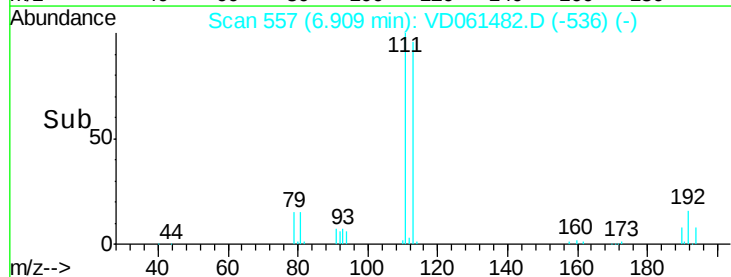
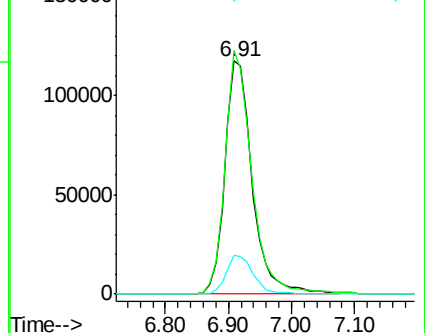
192 16.4 14.4 21.6

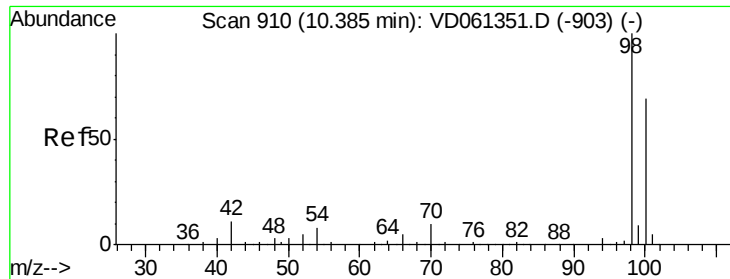


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

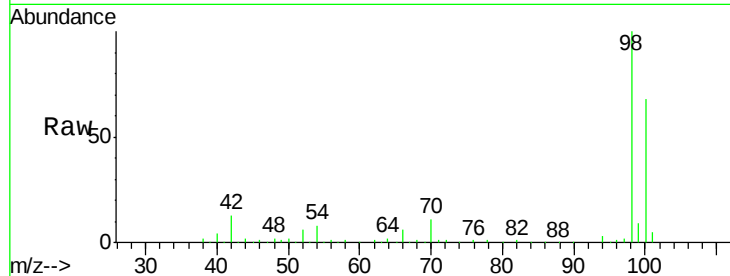




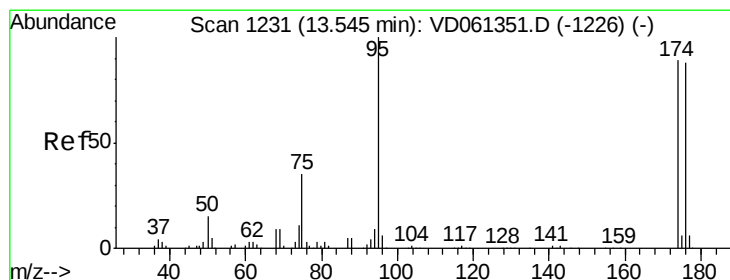
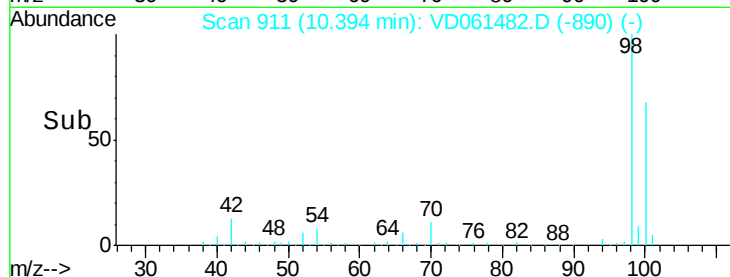
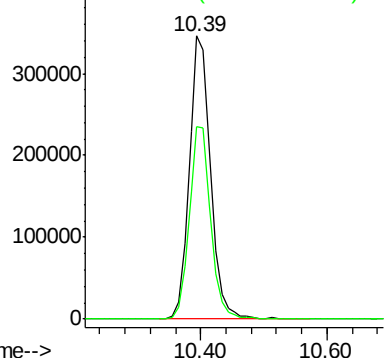
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061482.D
Acq: 1 Apr 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
S7C(10)

Tot Ion: 98 Resp: 815680
Ion Ratio Lower Upper
98 100
100 68.2 56.2 84.2

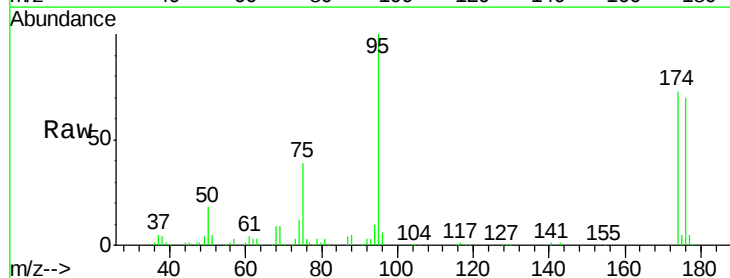


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

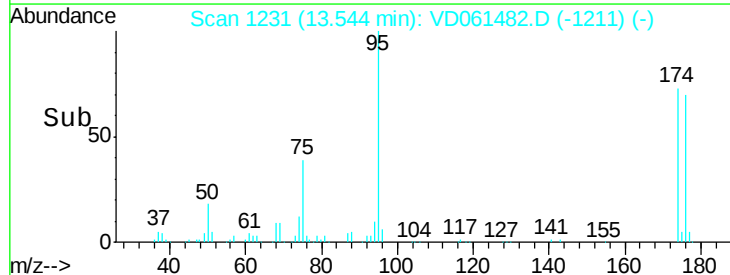
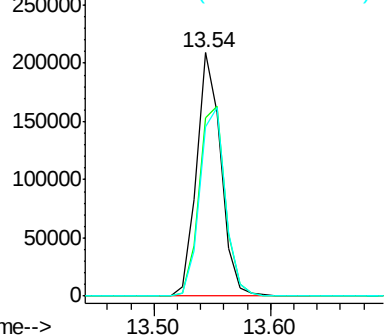


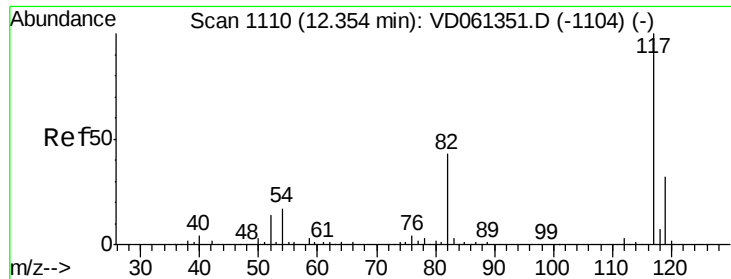
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061482.D
Acq: 1 Apr 2019 21:32

Tgt Ion: 95 Resp: 301093
Ion Ratio Lower Upper
95 100
174 73.0 0.0 178.0
176 69.6 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

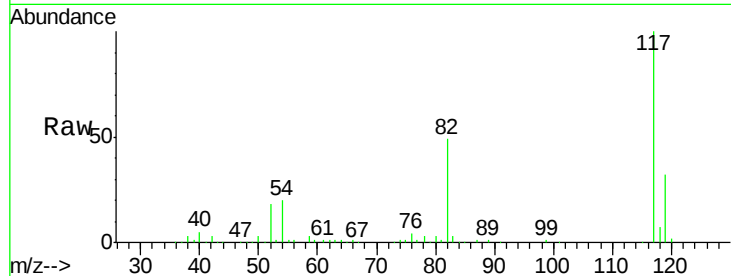




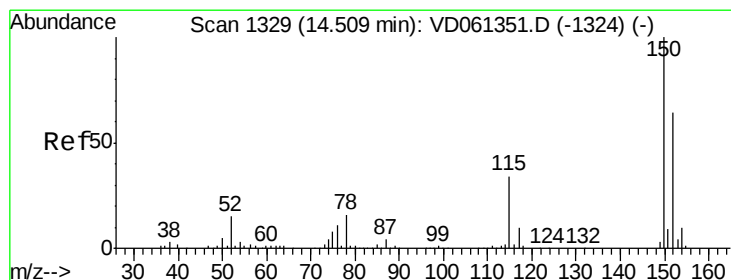
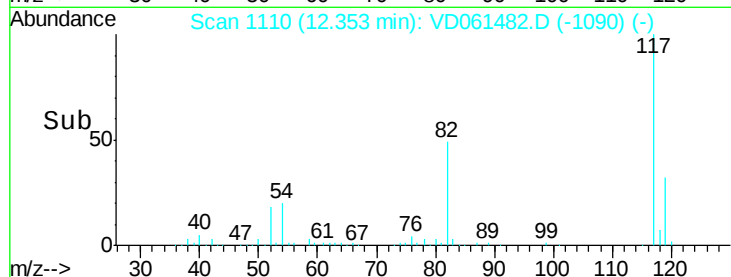
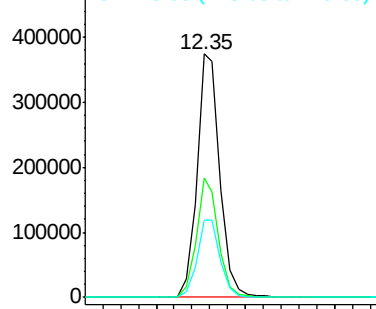
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061482.D
Acq: 1 Apr 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
S7C(10)

Tot Ion:117 Resp: 673409
Ion Ratio Lower Upper
117 100
82 48.9 34.4 51.6
119 31.6 25.8 38.6

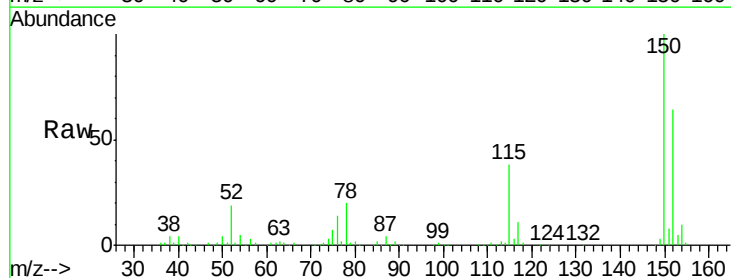


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061482.D
Acq: 1 Apr 2019 21:32

Tgt Ion:152 Resp: 298388
Ion Ratio Lower Upper
152 100
115 58.6 26.9 80.6
150 156.1 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

