

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061580.D
 Acq On : 4 Apr 2019 15:49
 Operator : VA/AP
 Sample : K2219-02
 Misc : 5.79g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-3-COMP

Quant Time: Apr 05 08:58:03 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

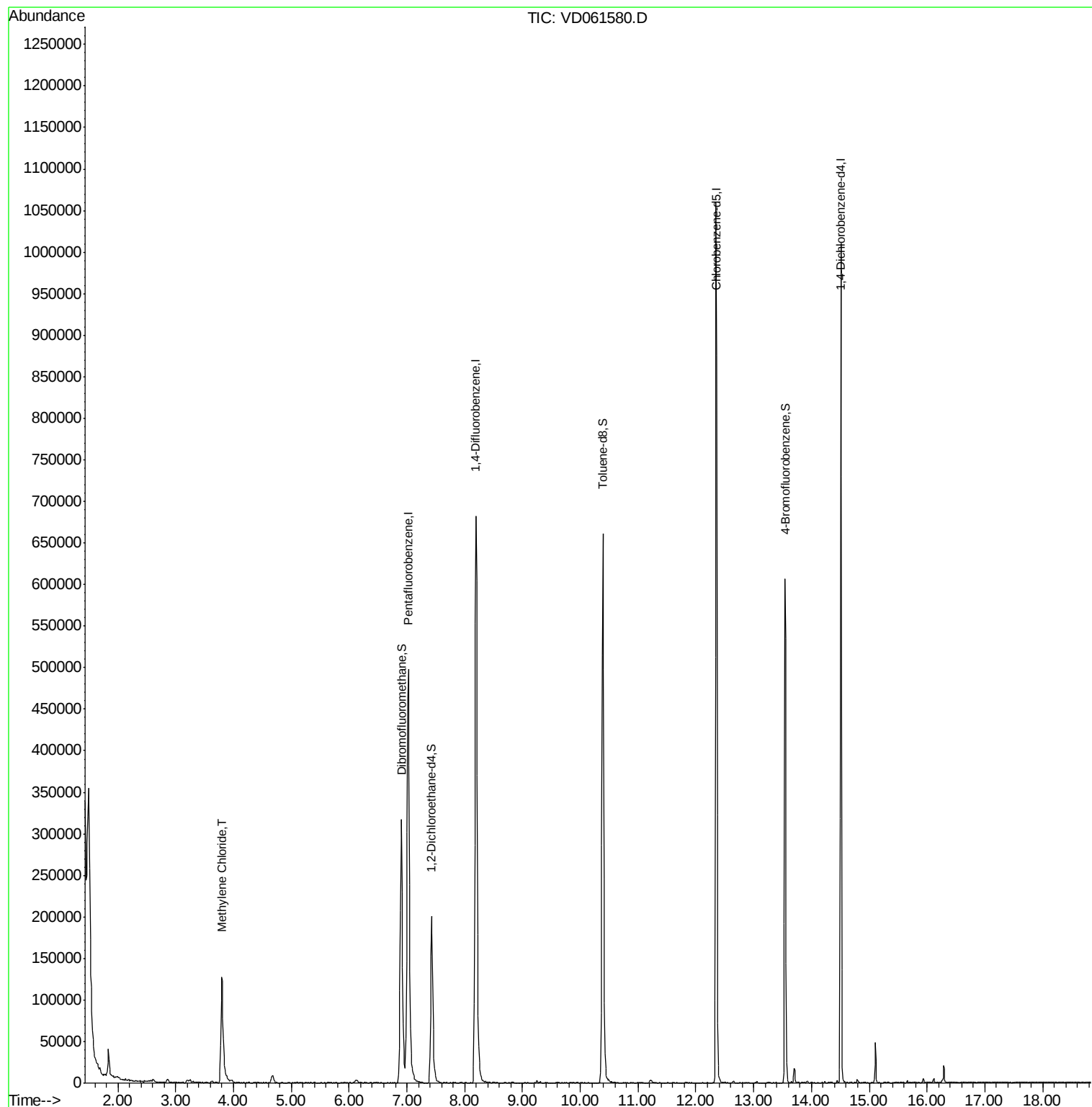
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	520104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	863332	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	671482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	234925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	196622	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
35) Dibromofluoromethane	6.90	113	302121	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
50) Toluene-d8	10.39	98	571247	36.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.20%	
62) 4-Bromofluorobenzene	13.54	95	198688	32.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.48%	
Target Compounds						
20) Methylene Chloride	3.80	84	99098	14.110	ug/l	Qvalue 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: 7.02 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD061580.D

Acq: 4 Apr 2019 15:49

Instrument :

MSVOA_D

ClientSampleId :

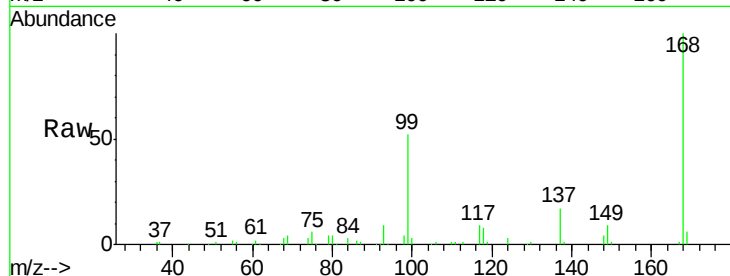
TP-2-3-COMP

Tot Ion:168 Resp: 520104

Ion Ratio Lower Upper

168 100

99 52.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

200000

150000

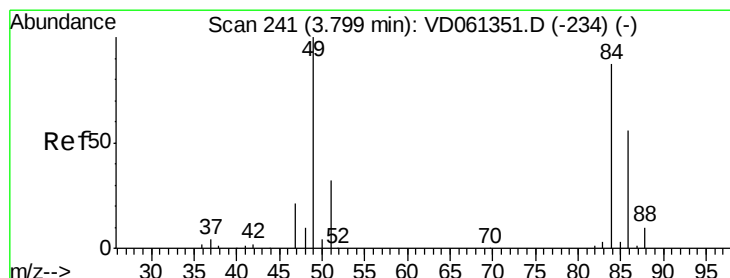
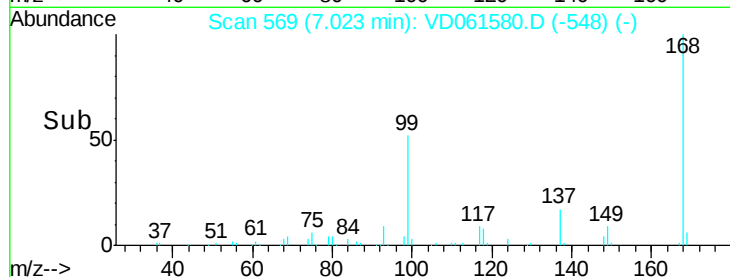
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 14.110 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061580.D

Acq: 4 Apr 2019 15:49

Tgt Ion: 84 Resp: 99098

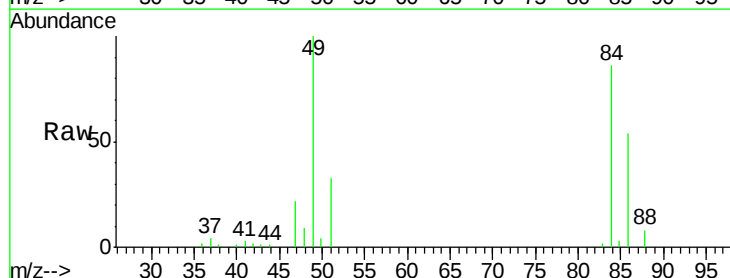
Ion Ratio Lower Upper

84 100

49 116.3 91.8 137.8

51 38.1 29.8 44.8

86 62.7 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

60000

50000

40000

30000

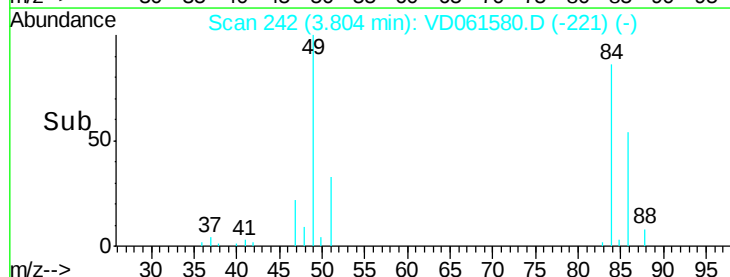
20000

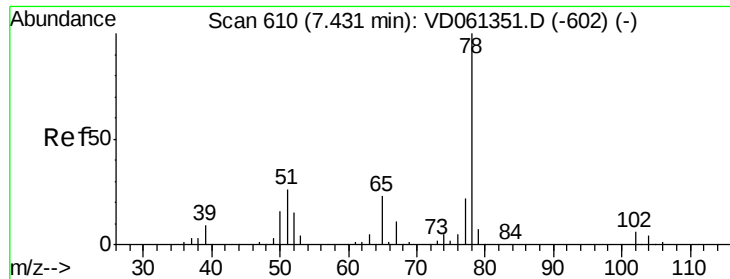
10000

0

3.70 3.80 3.90 4.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD061580.D

Acq: 4 Apr 2019 15:49

Instrument :

MSVOA_D

ClientSampleId :

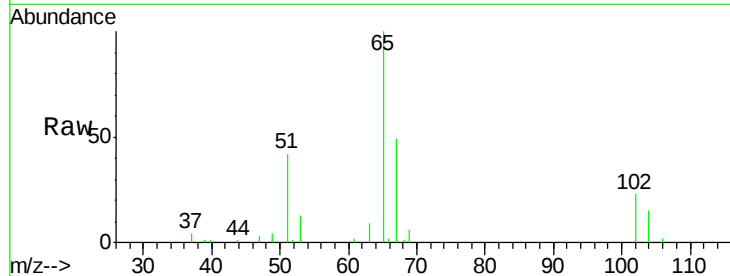
TP-2-3-COMP

Tot Ion: 65 Resp: 196622

Ion Ratio Lower Upper

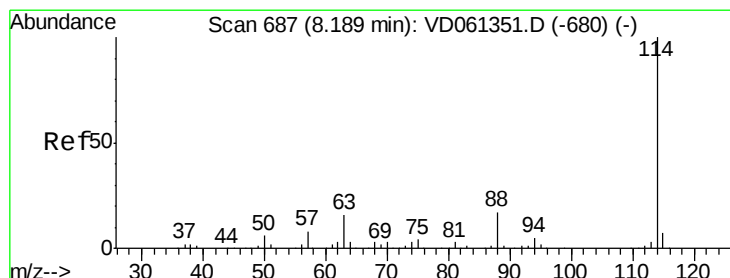
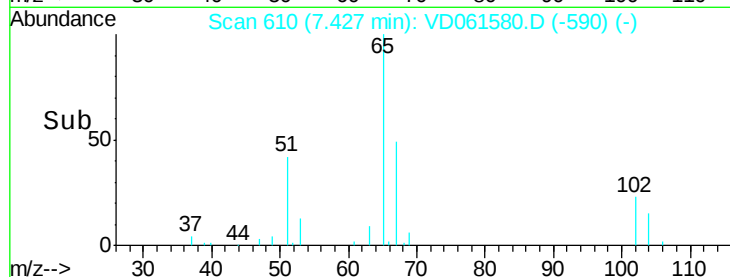
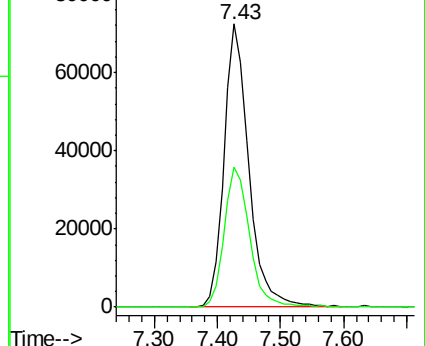
65 100

67 49.3 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: 8.19 min Scan# 688

Delta R.T. 0.01 min

Lab File: VD061580.D

Acq: 4 Apr 2019 15:49

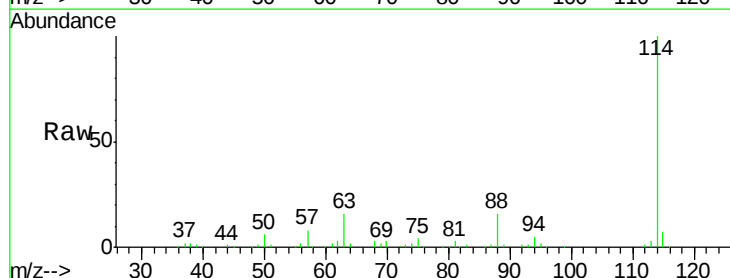
Tgt Ion: 114 Resp: 863332

Ion Ratio Lower Upper

114 100

63 15.6 0.0 31.6

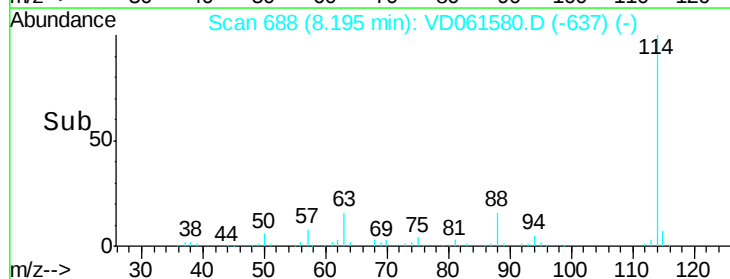
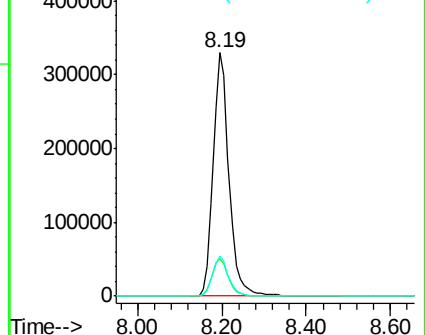
88 16.3 0.0 33.4



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: 6.90 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD061580.D

Acq: 4 Apr 2019 15:49

Instrument :

MSVOA_D

ClientSampleId :

TP-2-3-COMP

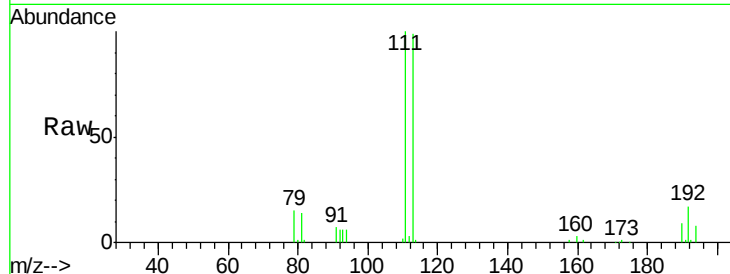
Tot Ion:113 Resp: 302121

Ion Ratio Lower Upper

113 100

111 101.1 81.0 121.6

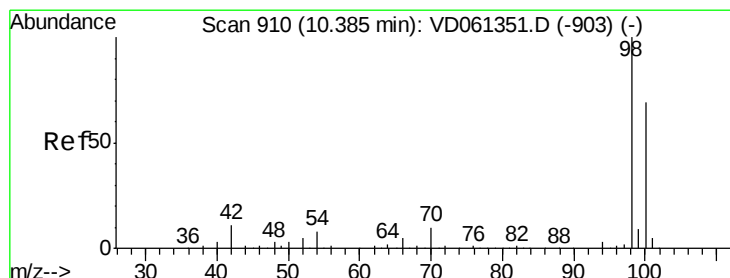
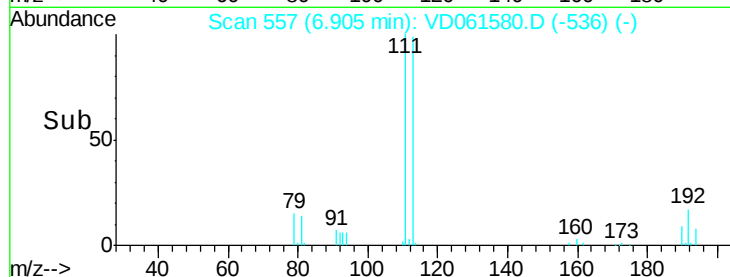
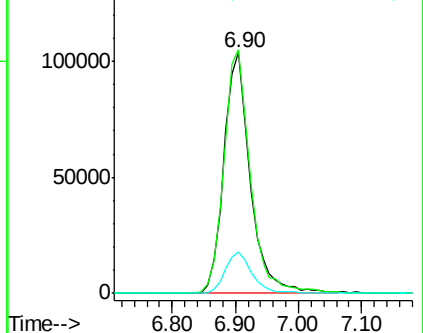
192 17.3 14.4 21.6



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: VD061580.D

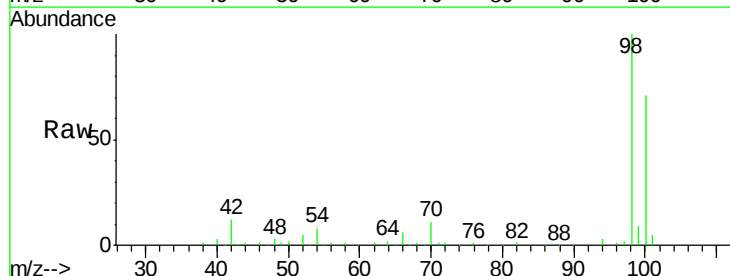
Acq: 4 Apr 2019 15:49

Tgt Ion: 98 Resp: 571247

Ion Ratio Lower Upper

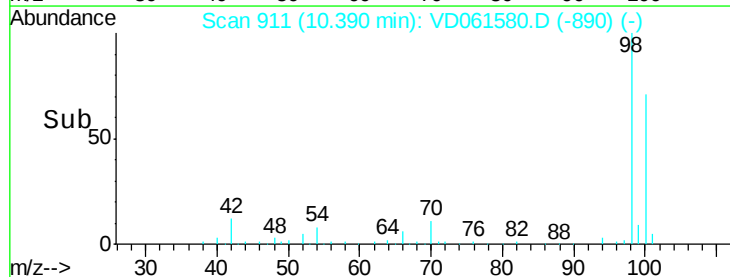
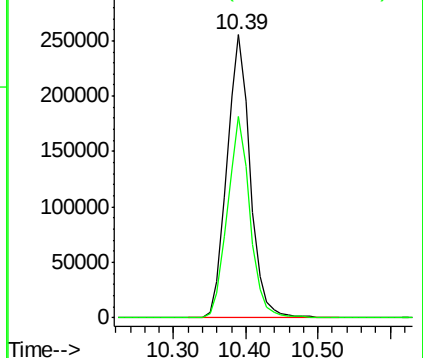
98 100

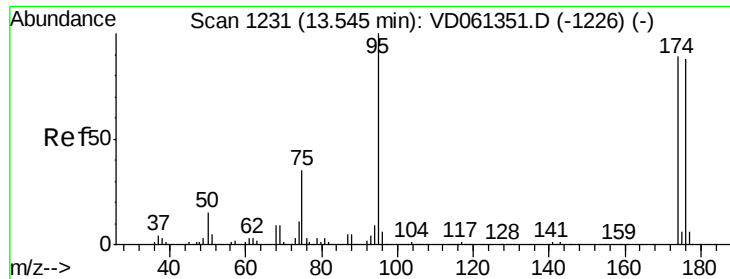
100 71.1 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

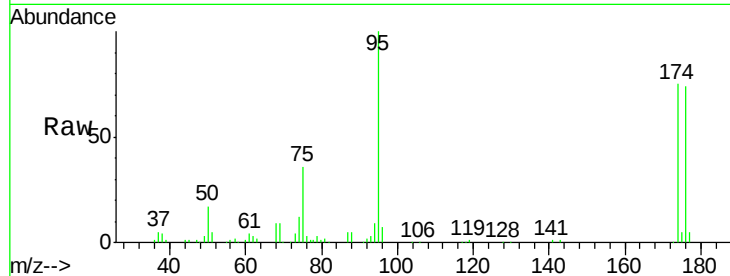




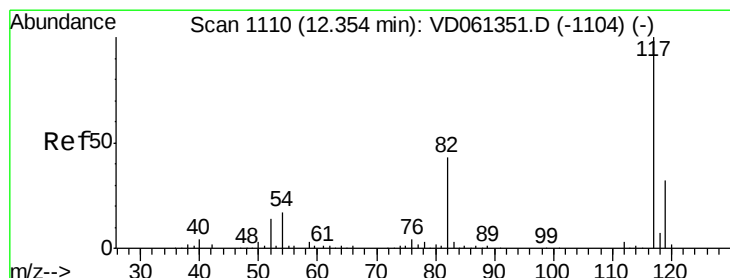
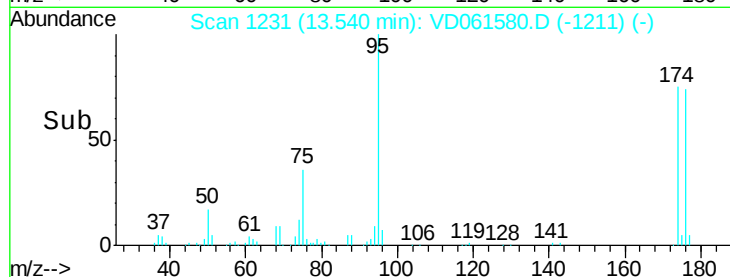
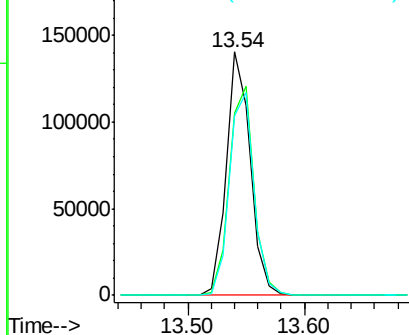
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061580.D
Acq: 4 Apr 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
TP-2-3-COMP

Tot Ion: 95 Resp: 198688
Ion Ratio Lower Upper
95 100
174 74.8 0.0 178.0
176 73.7 0.0 175.0

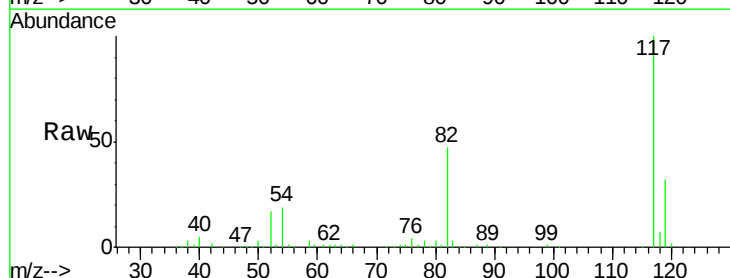


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

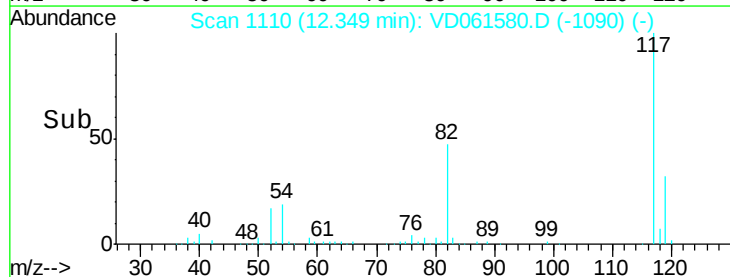
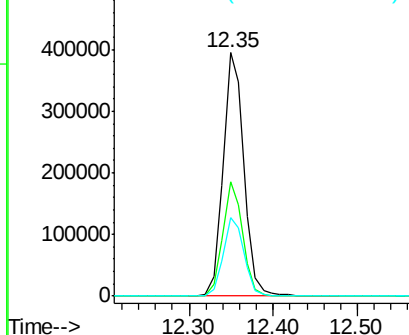


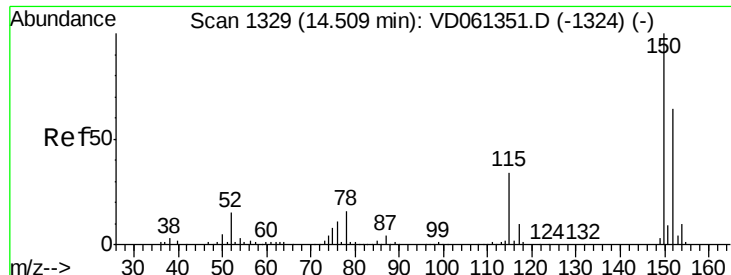
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061580.D
Acq: 4 Apr 2019 15:49

Tgt Ion: 117 Resp: 671482
Ion Ratio Lower Upper
117 100
82 46.9 34.4 51.6
119 32.1 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

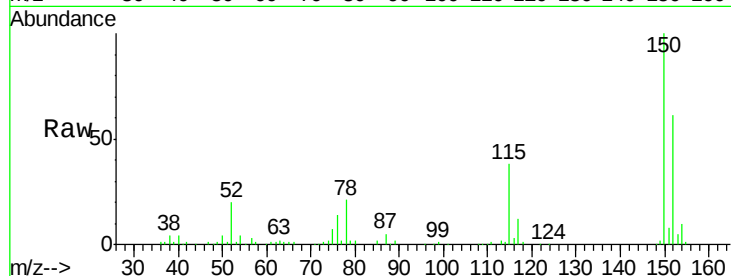




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD061580.D
 Acq: 4 Apr 2019 15:49

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-3-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.2	26.9	80.6
150	163.8	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

