

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061607.D
 Acq On : 5 Apr 2019 6:37
 Operator : VA/AP
 Sample : K2257-25
 Misc : 3.88g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-D

Quant Time: Apr 05 09:58:58 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

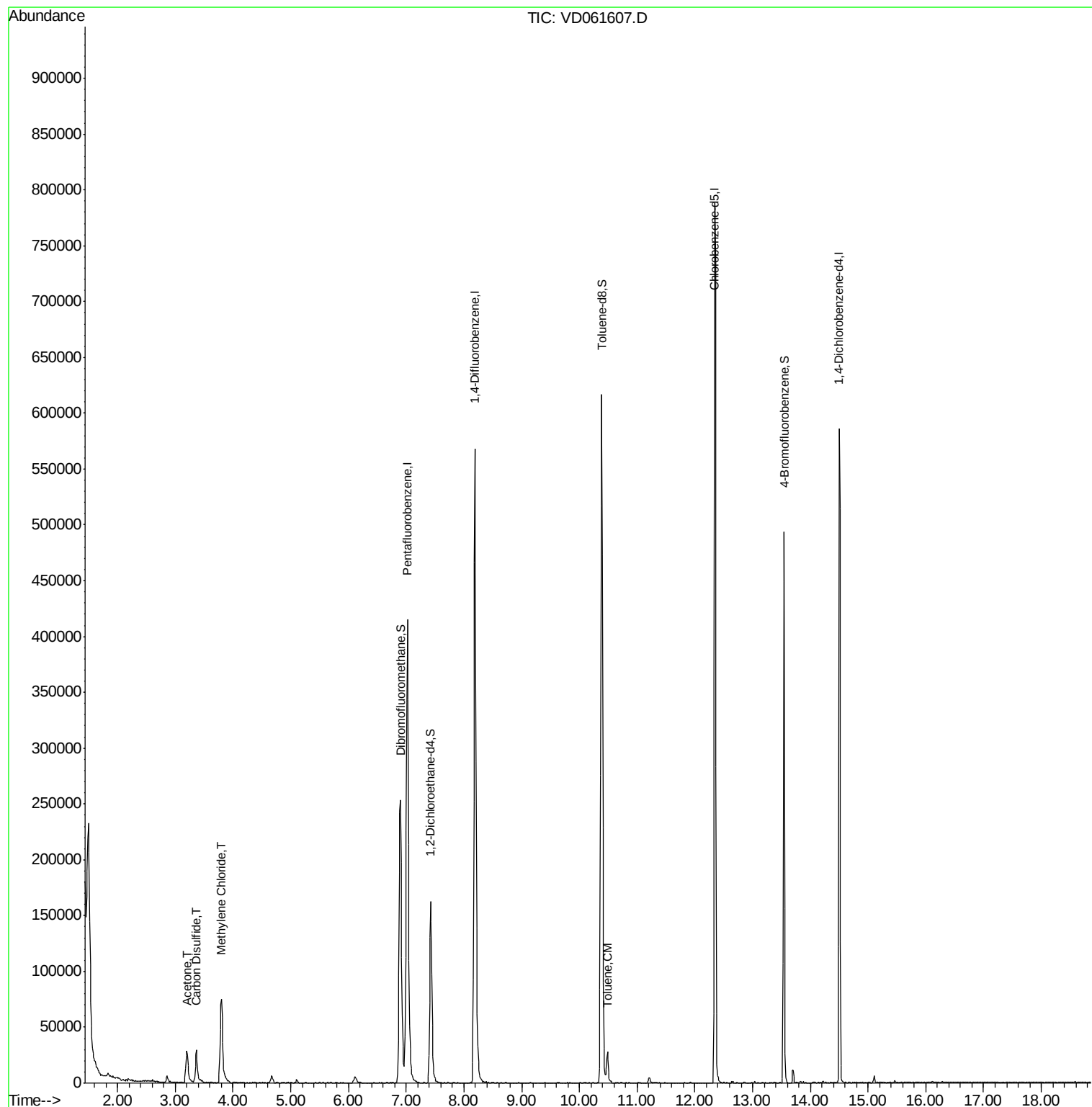
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	410194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	688377	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	514066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	147899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	166385	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
35) Dibromofluoromethane	6.90	113	250623	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.39	98	538507	42.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.36%	
62) 4-Bromofluorobenzene	13.54	95	164161	33.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.86%	
Target Compounds						
16) Acetone	3.20	43	58199	64.610	ug/l	96
17) Carbon Disulfide	3.37	76	58174	4.067	ug/l	98
20) Methylene Chloride	3.80	84	59702	10.307	ug/l	97
52) Toluene	10.48	92	15952	1.734	ug/l	97

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

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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: 7.02 min Scan# 568

Delta R.T. 0.00 min

Lab File: VD061607.D

Acq: 5 Apr 2019 6:37

Instrument :

MSVOA_D

ClientSampleId :

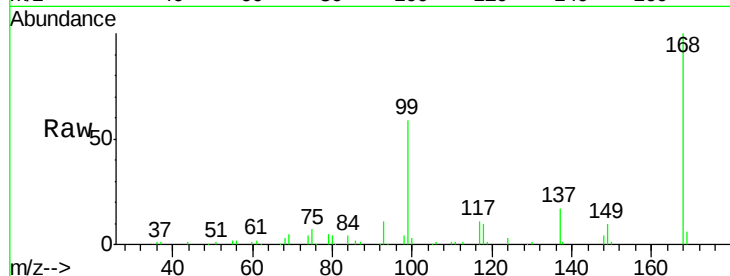
SP-1-D

Tot Ion:168 Resp: 410194

Ion Ratio Lower Upper

168 100

99 59.0 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

150000

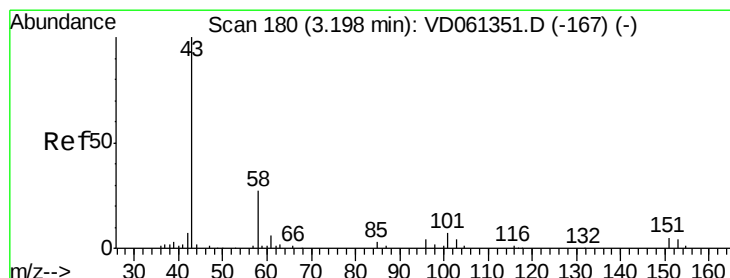
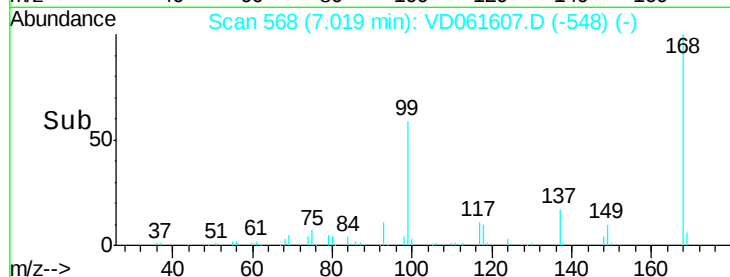
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 64.610 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.00 min

Lab File: VD061607.D

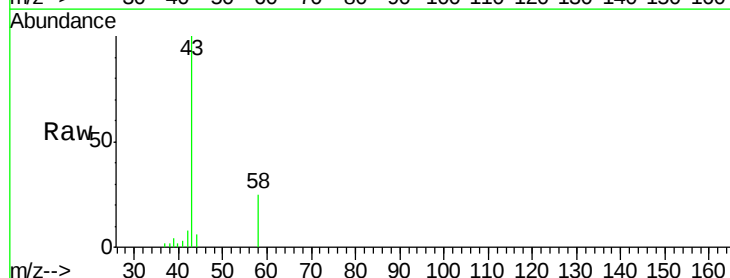
Acq: 5 Apr 2019 6:37

Tgt Ion: 43 Resp: 58199

Ion Ratio Lower Upper

43 100

58 25.1 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

20000

15000

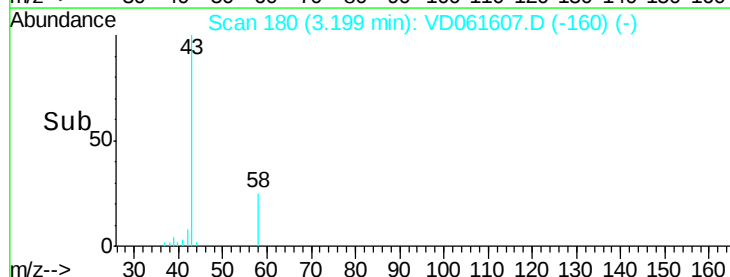
10000

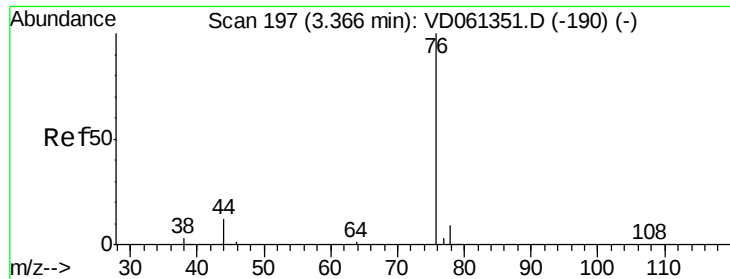
5000

0

3.10 3.20 3.30 3.40

Time-->





#17

Carbon Disulfide

Concen: 4.067 ug/l

RT: 3.37 min Scan# 197

Delta R.T. 0.00 min

Lab File: VD061607.D

Acq: 5 Apr 2019 6:37

Instrument :

MSVOA_D

ClientSampleId :

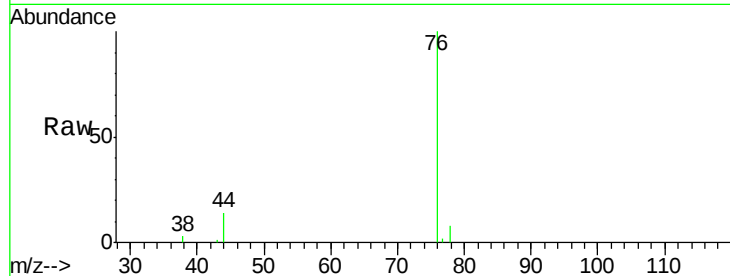
SP-1-D

Tot Ion: 76 Resp: 58174

Ion Ratio Lower Upper

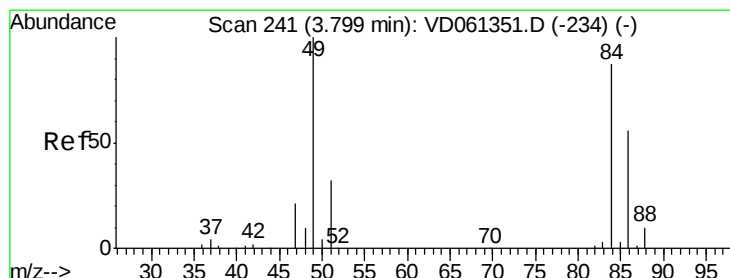
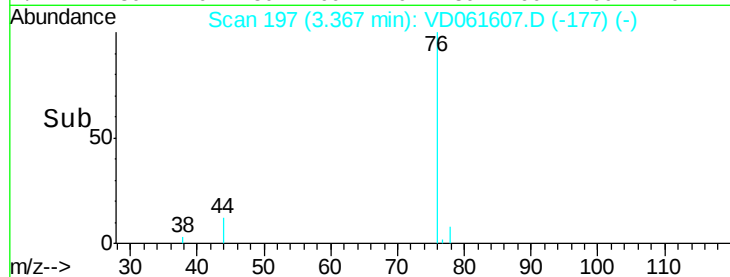
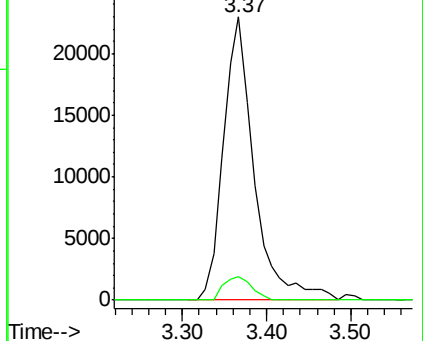
76 100

78 8.3 7.1 10.7



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 10.307 ug/l

RT: 3.80 min Scan# 241

Delta R.T. 0.00 min

Lab File: VD061607.D

Acq: 5 Apr 2019 6:37

Tgt Ion: 84 Resp: 59702

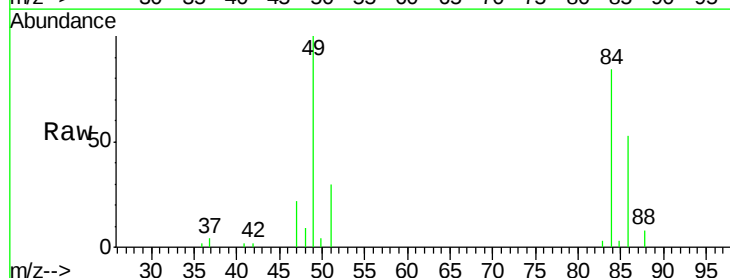
Ion Ratio Lower Upper

84 100

49 118.8 91.8 137.8

51 35.1 29.8 44.8

86 63.2 51.8 77.6

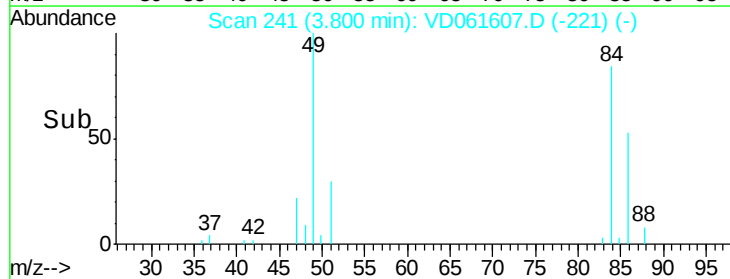
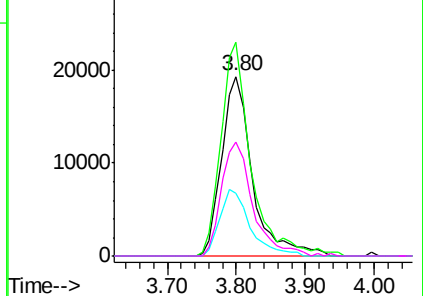


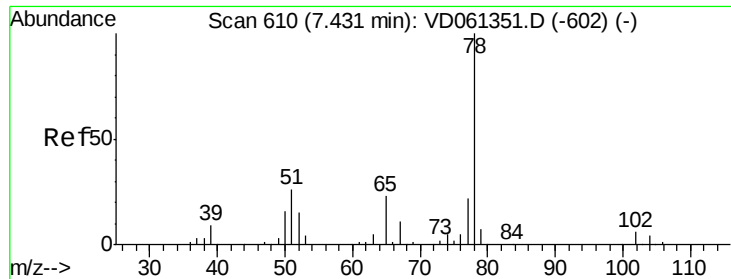
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.42 min Scan# 609

Delta R.T. -0.01 min

Lab File: VD061607.D

Acq: 5 Apr 2019 6:37

Instrument :

MSVOA_D

ClientSampleId :

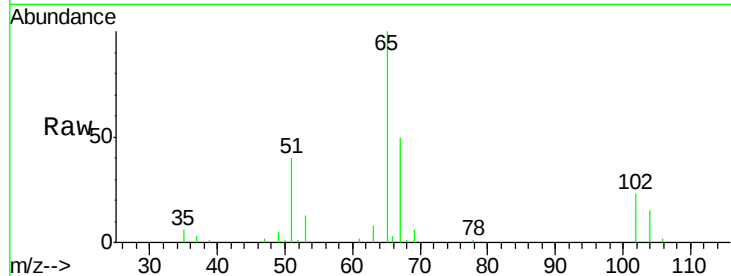
SP-1-D

Tot Ion: 65 Resp: 166385

Ion Ratio Lower Upper

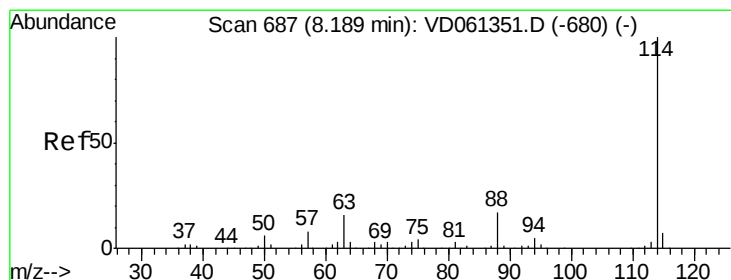
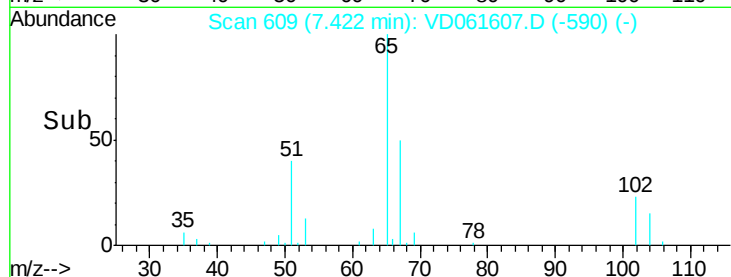
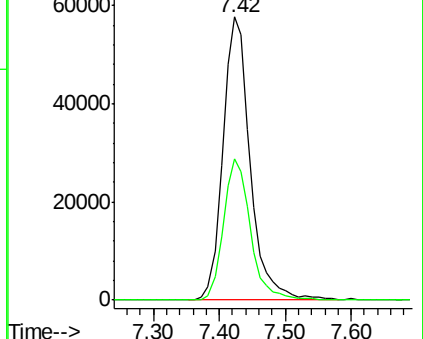
65 100

67 50.0 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# 687

Delta R.T. 0.00 min

Lab File: VD061607.D

Acq: 5 Apr 2019 6:37

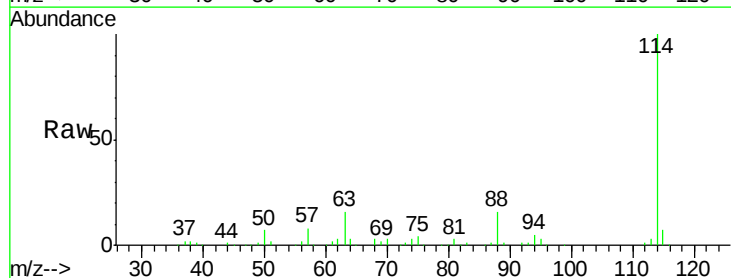
Tgt Ion: 114 Resp: 688377

Ion Ratio Lower Upper

114 100

63 16.2 0.0 31.6

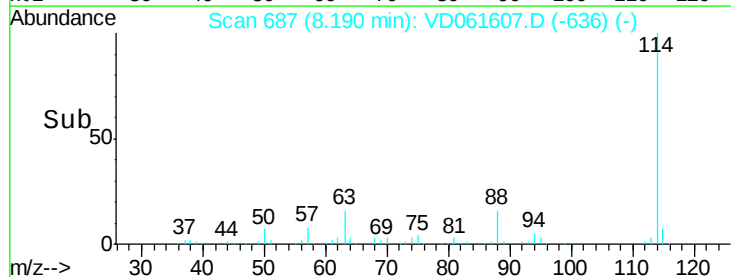
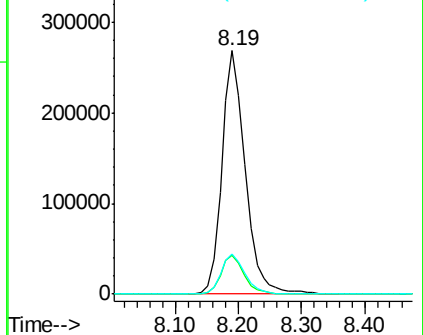
88 16.4 0.0 33.4



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# 556

Delta R.T. 0.00 min

Lab File: VD061607.D

Acq: 5 Apr 2019 6:37

Instrument :

MSVOA_D

ClientSampleId :

SP-1-D

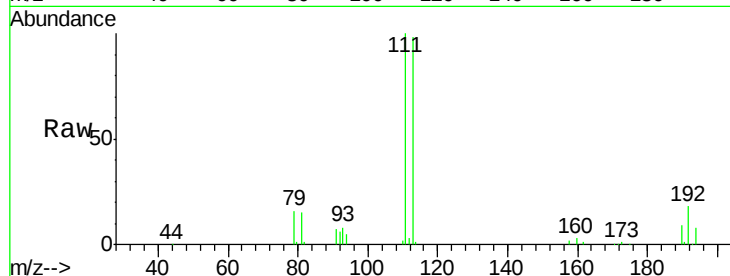
Tot Ion:113 Resp: 250623

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.6

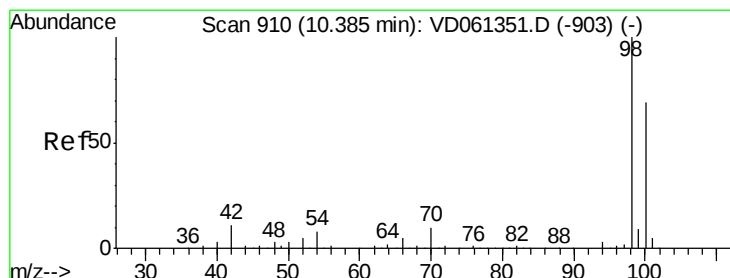
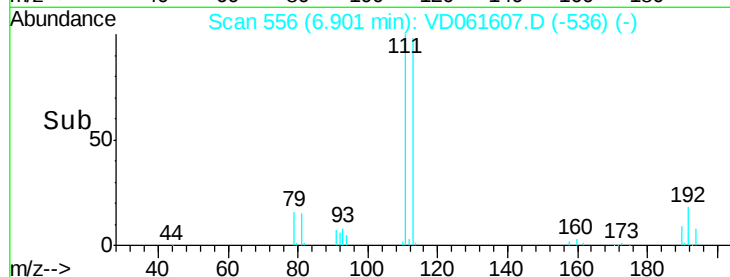
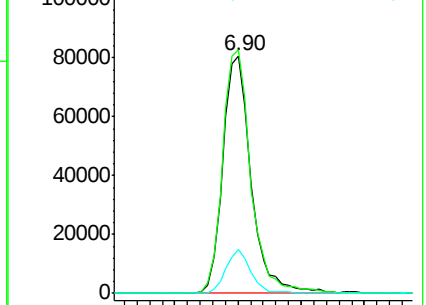
192 18.6 14.4 21.6



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# 910

Delta R.T. 0.00 min

Lab File: VD061607.D

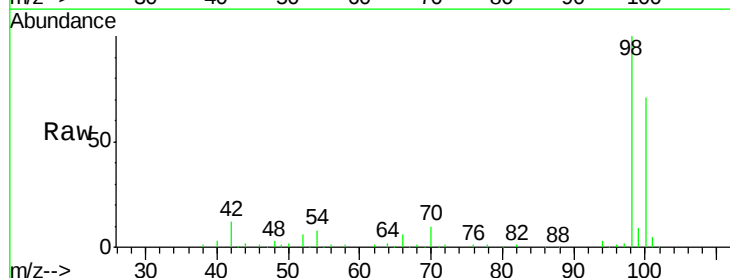
Acq: 5 Apr 2019 6:37

Tgt Ion: 98 Resp: 538507

Ion Ratio Lower Upper

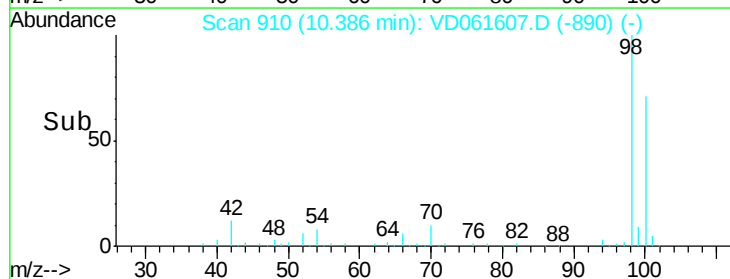
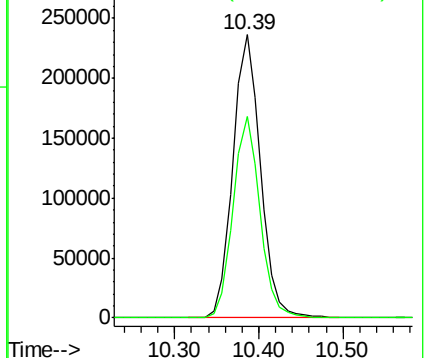
98 100

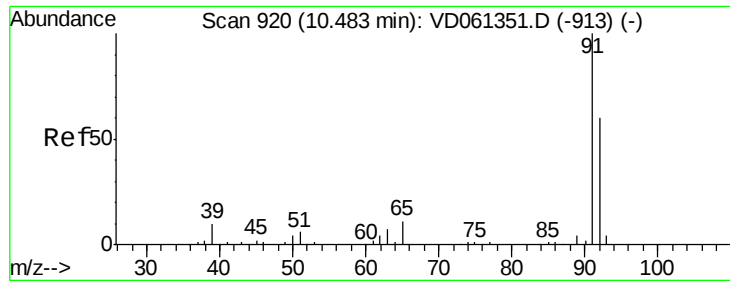
100 71.0 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.734 ug/l

RT: 10.48 min Scan# 920

Delta R.T. 0.00 min

Lab File: VD061607.D

Acq: 5 Apr 2019 6:37

Instrument :

MSVOA_D

ClientSampled :

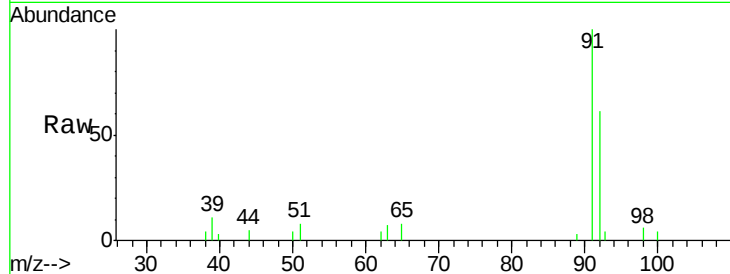
SP-1-D

Tot Ion: 92 Resp: 15952

Ion Ratio Lower Upper

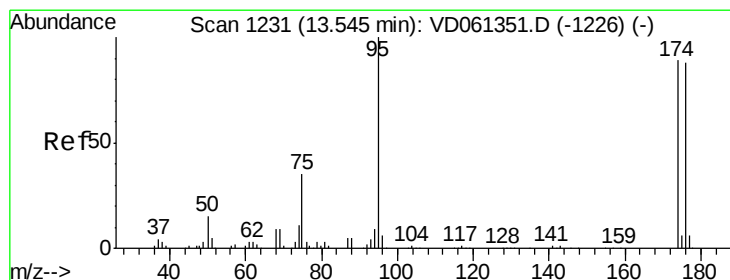
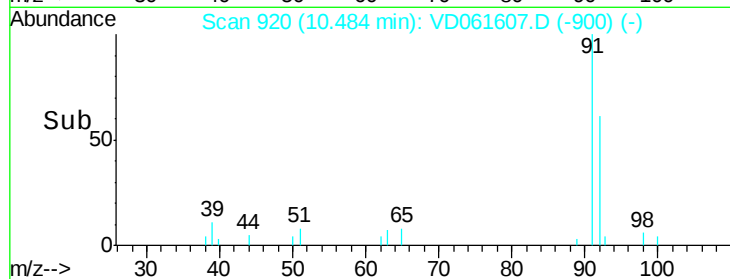
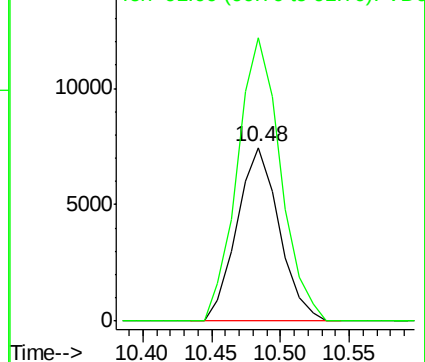
92 100

91 163.0 133.3 199.9



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: 13.54 min Scan# 1230

Delta R.T. -0.01 min

Lab File: VD061607.D

Acq: 5 Apr 2019 6:37

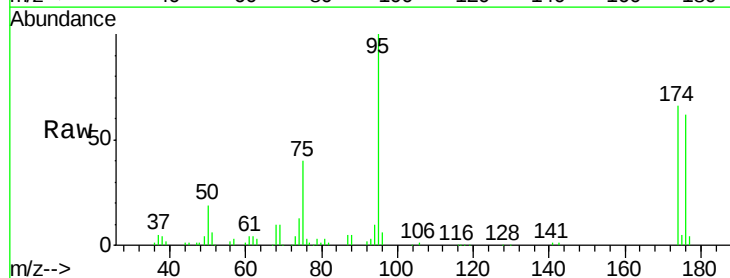
Tgt Ion: 95 Resp: 164161

Ion Ratio Lower Upper

95 100

174 66.2 0.0 178.0

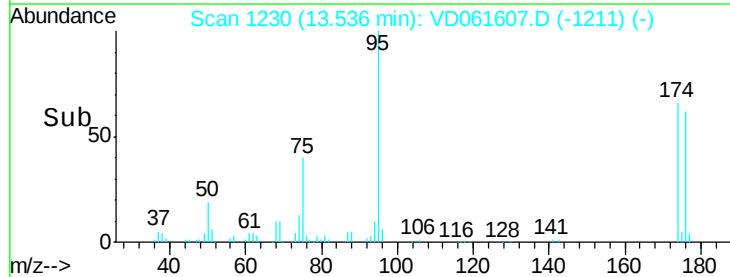
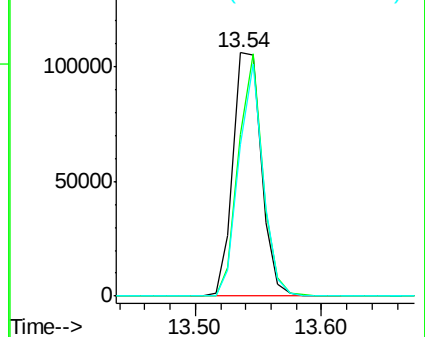
176 62.3 0.0 175.0

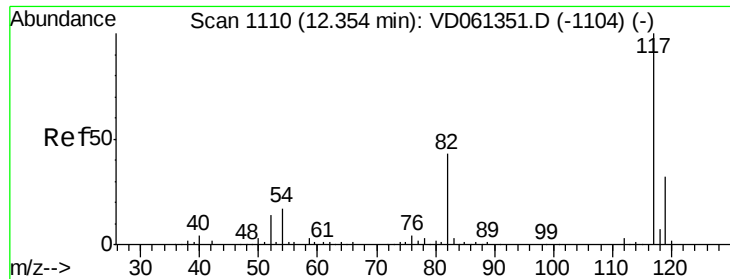


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

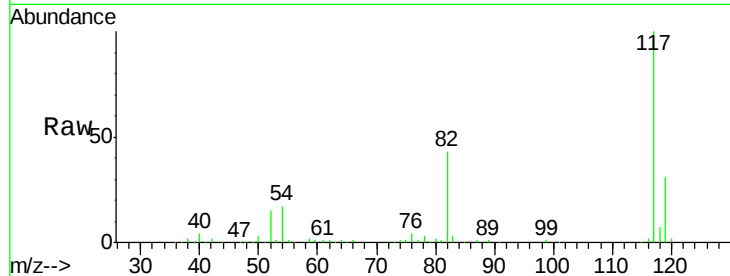




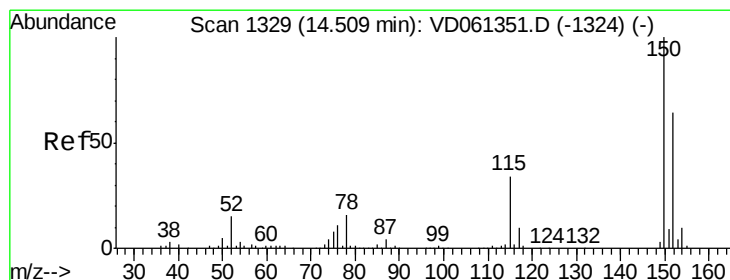
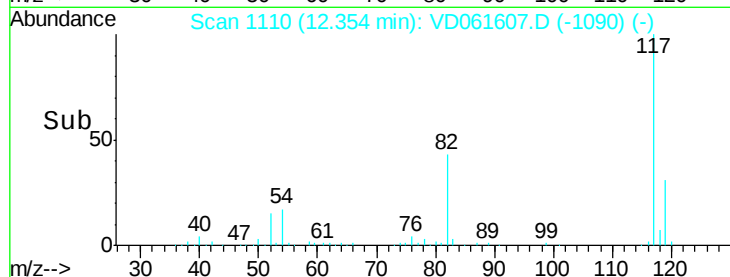
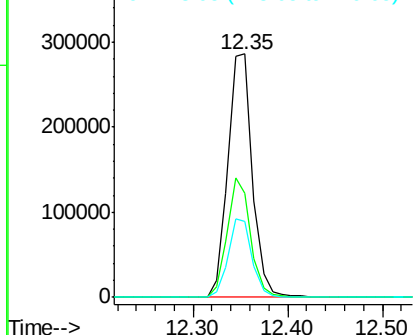
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD061607.D
Acq: 5 Apr 2019 6:37

Instrument :
MSVOA_D
ClientSampleId :
SP-1-D

Tot Ion:117 Resp: 514066
Ion Ratio Lower Upper
117 100
82 42.6 34.4 51.6
119 31.2 25.8 38.6

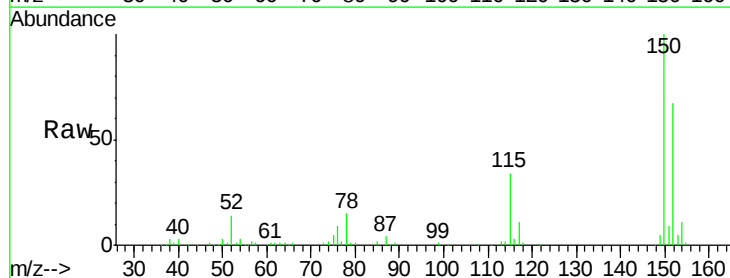


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD061607.D
Acq: 5 Apr 2019 6:37

Tgt Ion:152 Resp: 147899
Ion Ratio Lower Upper
152 100
115 50.7 26.9 80.6
150 150.0 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

