

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061571.D
 Acq On : 3 Apr 2019 22:30
 Operator : VA/AP
 Sample : K2190-01
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VN-SP-1

Quant Time: Apr 04 03:08:51 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

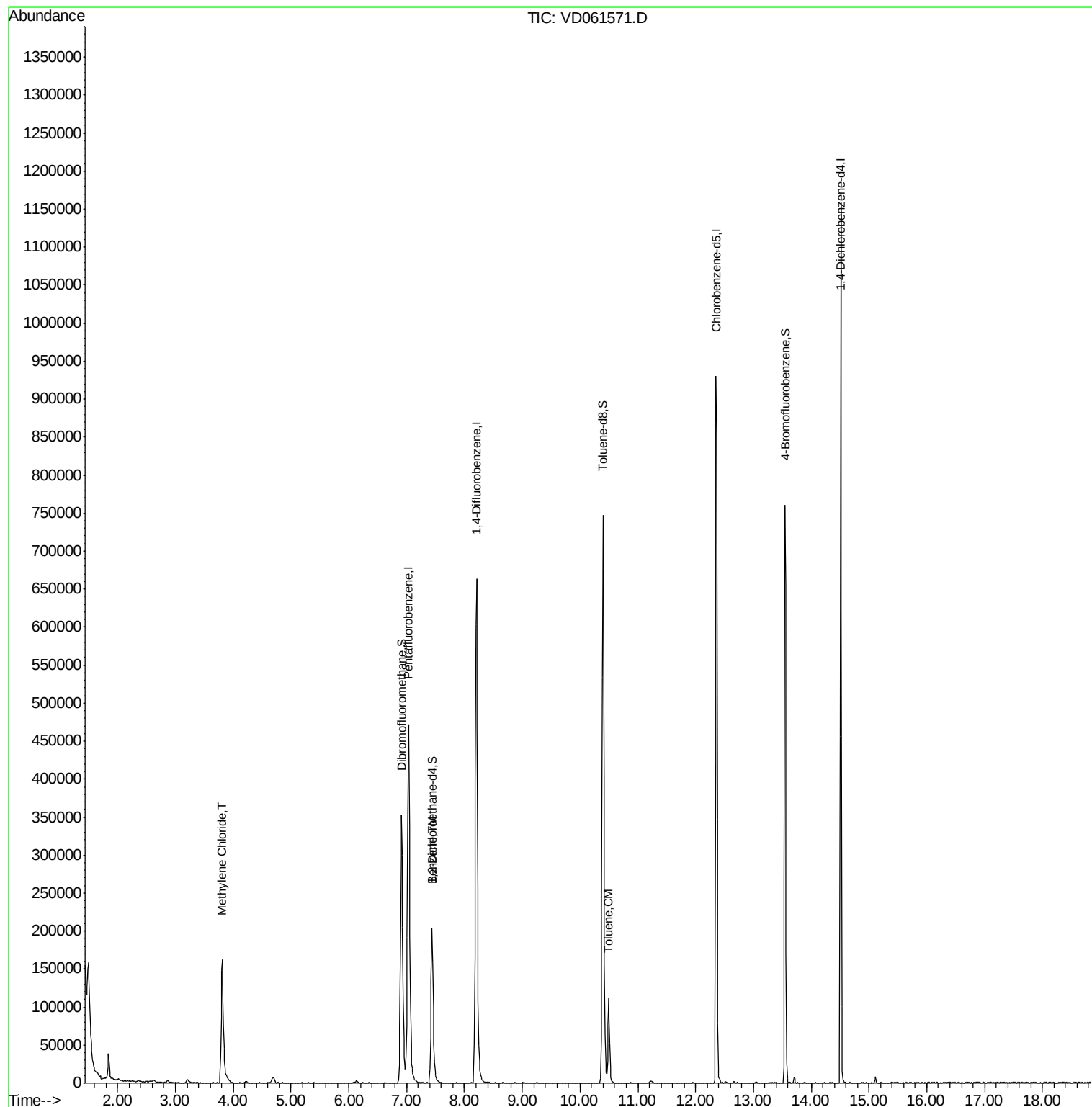
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	490228	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	795126	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.35	117	593192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	247310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	197682	47.20	ug/l	0.01
Spiked Amount 50.000			Recovery	=	94.40%	
35) Dibromofluoromethane	6.91	113	326509	53.74	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.48%	
50) Toluene-d8	10.39	98	665715	45.68	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.36%	
62) 4-Bromofluorobenzene	13.55	95	252500	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
Target Compounds						
20) Methylene Chloride	3.81	84	116871	18.157	ug/l	90
40) Benzene	7.44	78	30609	1.757	ug/l	94
52) Toluene	10.49	92	57702	5.431	ug/l	96

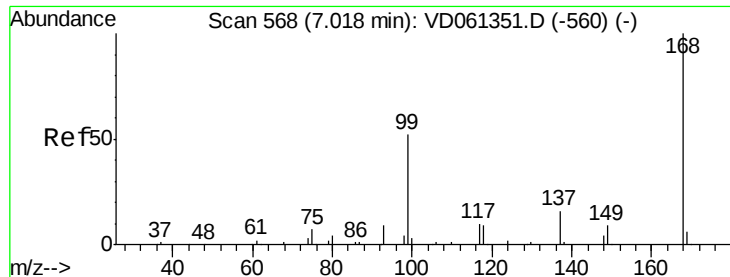
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 3 Apr 2019 22:30
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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: VD061571.D

Acq: 3 Apr 2019 22:30

Instrument :

MSVOA_D

ClientSampleId :

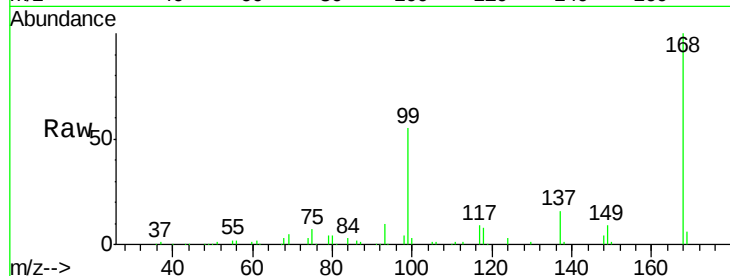
VN-SP-1

Tot Ion:168 Resp: 490228

Ion Ratio Lower Upper

168 100

99 55.5 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

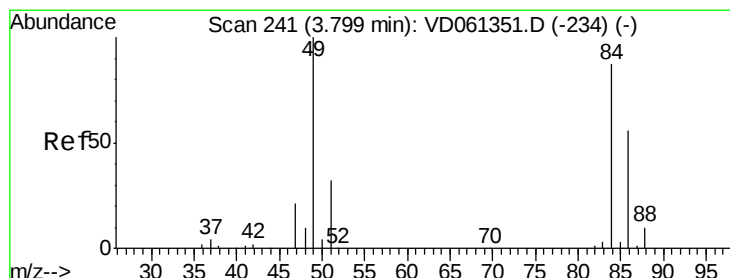
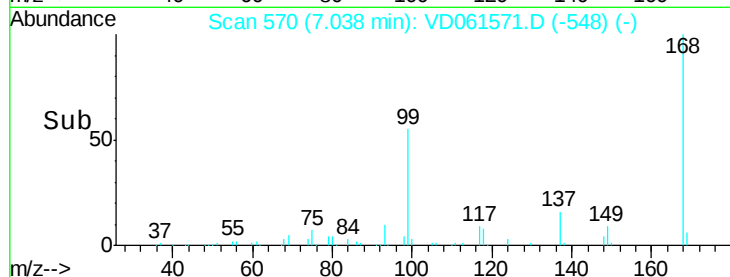
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 18.157 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061571.D

Acq: 3 Apr 2019 22:30

Tgt Ion: 84 Resp: 116871

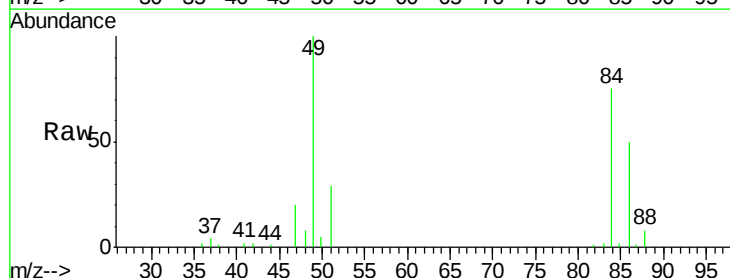
Ion Ratio Lower Upper

84 100

49 132.7 91.8 137.8

51 39.0 29.8 44.8

86 66.0 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

80000

60000

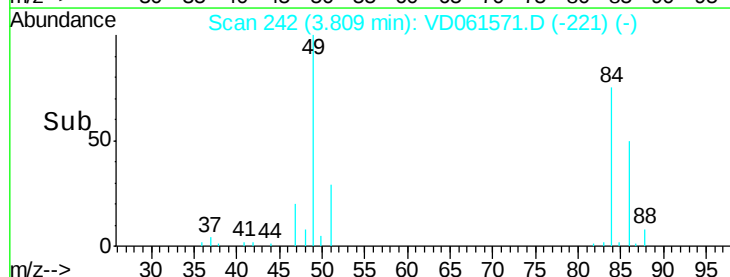
40000

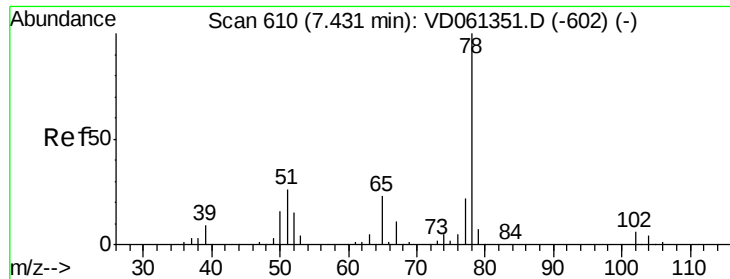
20000

0

3.70 3.80 3.90 4.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD061571.D

Acq: 3 Apr 2019 22:30

Instrument :

MSVOA_D

ClientSampleId :

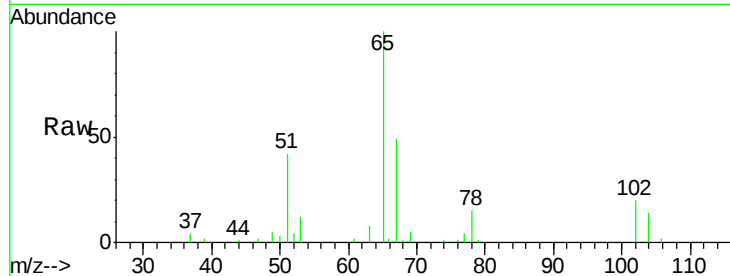
VN-SP-1

Tot Ion: 65 Resp: 197682

Ion Ratio Lower Upper

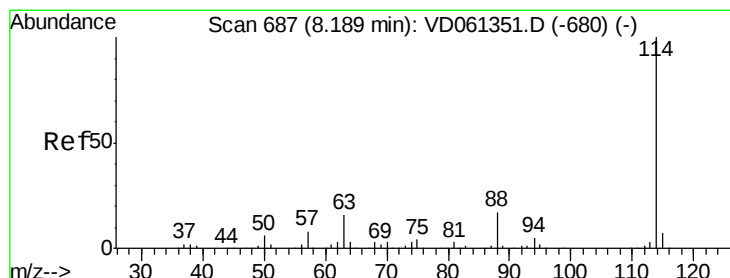
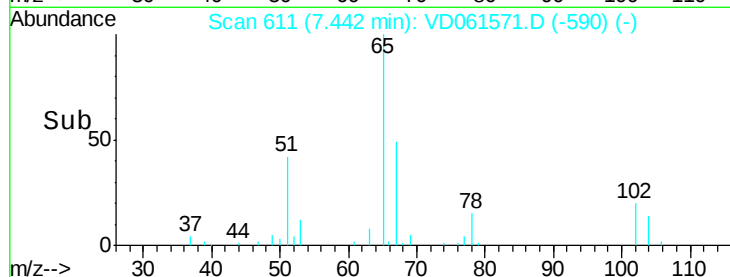
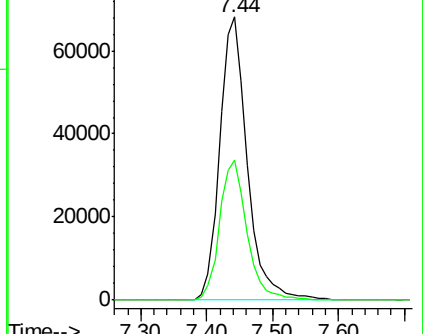
65 100

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: 8.21 min Scan# 689

Delta R.T. 0.02 min

Lab File: VD061571.D

Acq: 3 Apr 2019 22:30

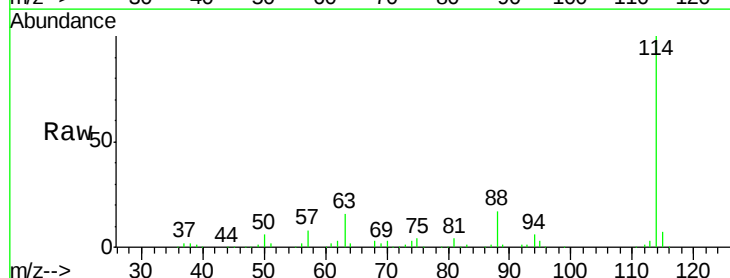
Tgt Ion: 114 Resp: 795126

Ion Ratio Lower Upper

114 100

63 16.2 0.0 31.6

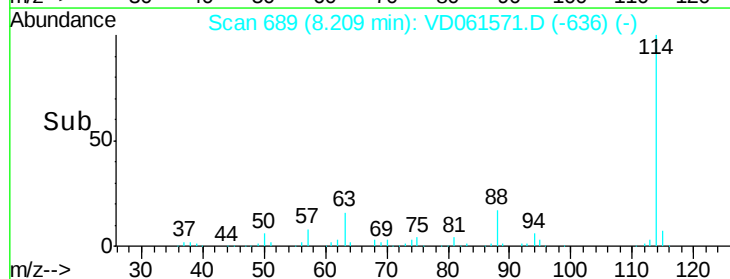
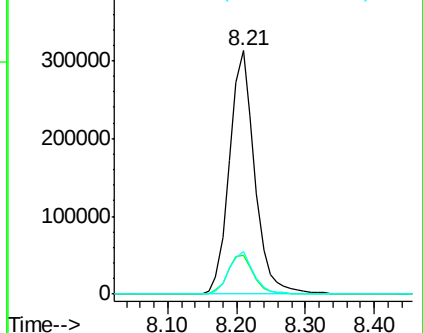
88 17.3 0.0 33.4



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

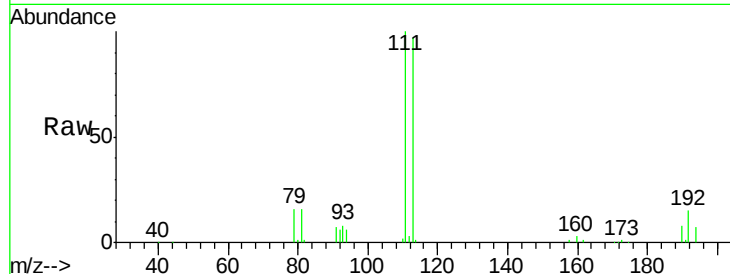




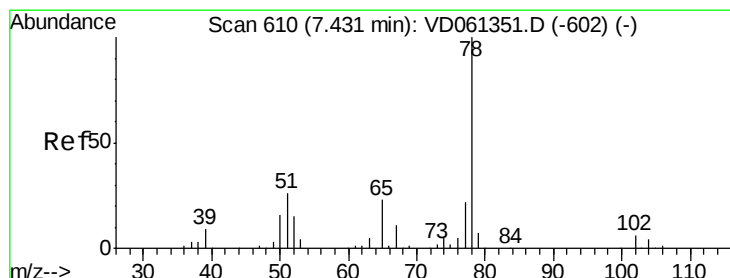
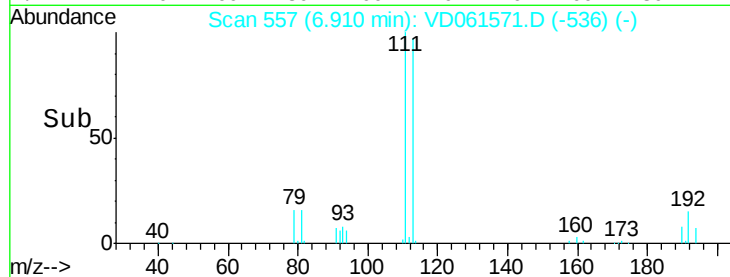
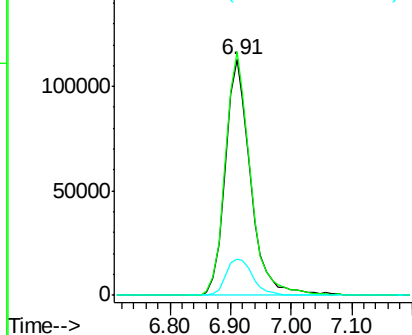
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061571.D
 Acq: 3 Apr 2019 22:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VN-SP-1

Tot Ion:113 Resp: 326509
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.0 121.6
 192 15.1 14.4 21.6

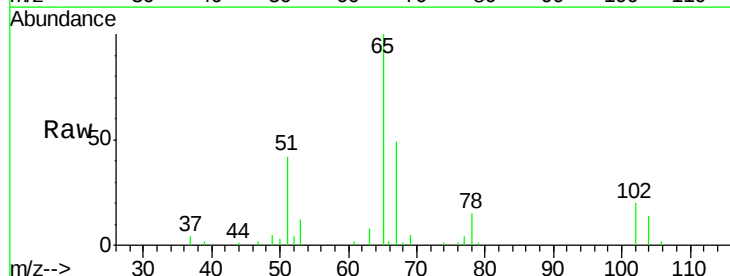


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

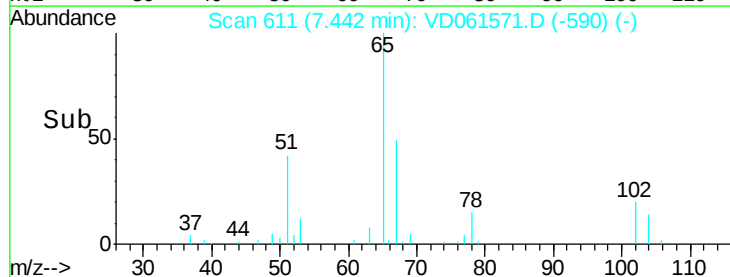
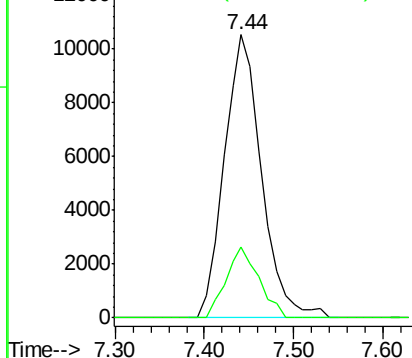


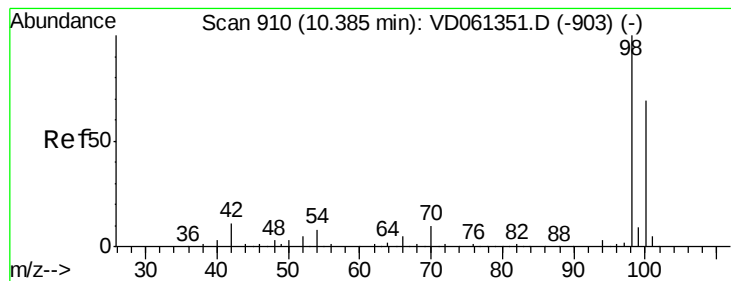
#40
 Benzene
 Concen: 1.757 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061571.D
 Acq: 3 Apr 2019 22:30

Tgt Ion: 78 Resp: 30609
 Ion Ratio Lower Upper
 78 100
 77 24.9 17.8 26.6



Abundance Ion 77.95 (77.65 to 78.65): VDC
 Ion 76.95 (76.65 to 77.65): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.01 min

Lab File: VD061571.D

Acq: 3 Apr 2019 22:30

Instrument :

MSVOA_D

ClientSampleId :

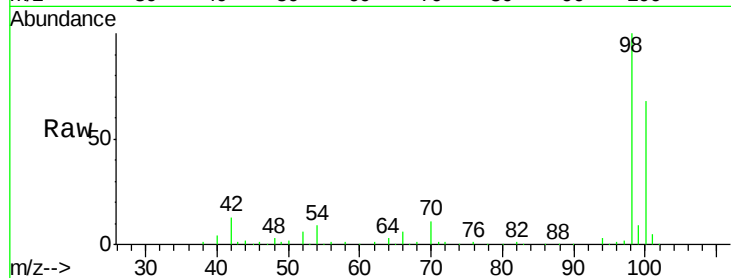
VN-SP-1

Tot Ion: 98 Resp: 665715

Ion Ratio Lower Upper

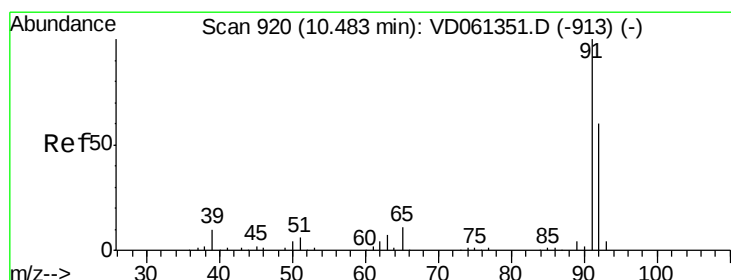
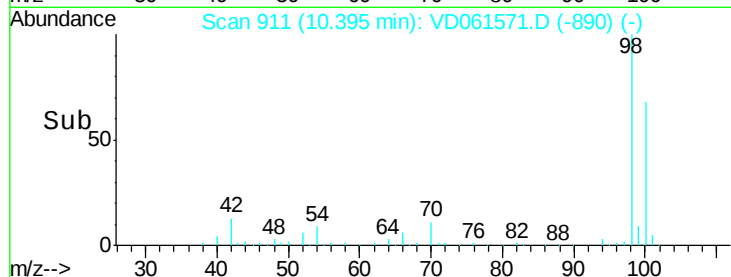
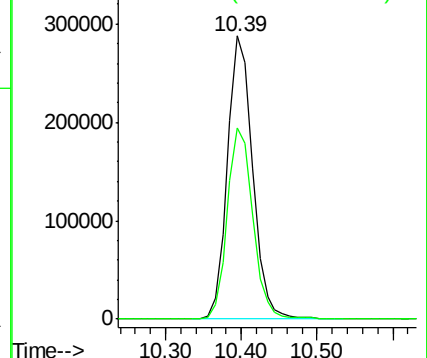
98 100

100 67.5 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 5.431 ug/l

RT: 10.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: VD061571.D

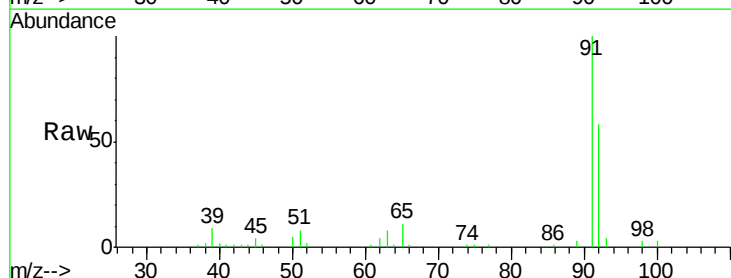
Acq: 3 Apr 2019 22:30

Tgt Ion: 92 Resp: 57702

Ion Ratio Lower Upper

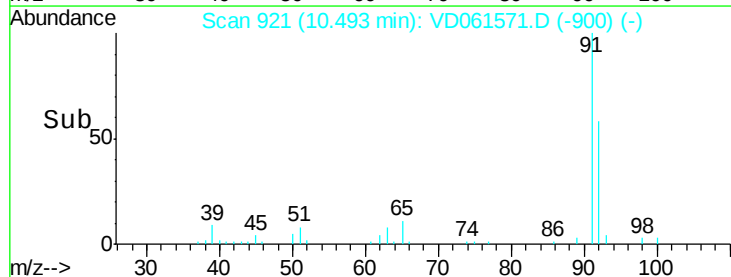
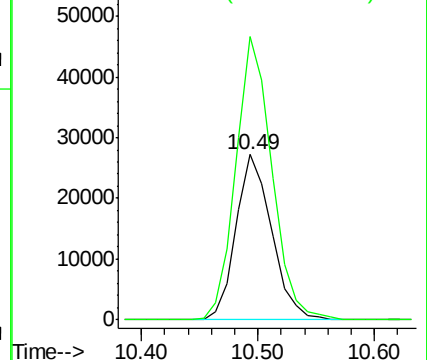
92 100

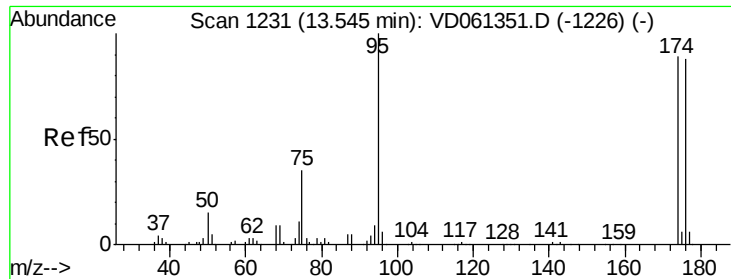
91 171.5 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

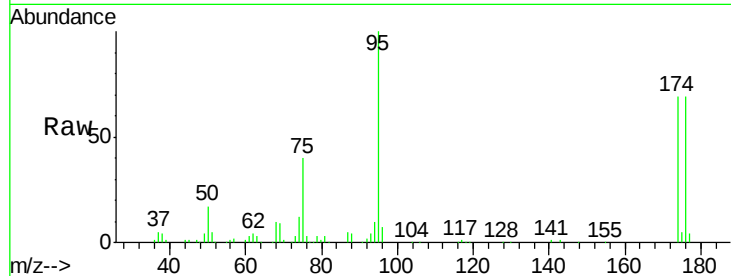




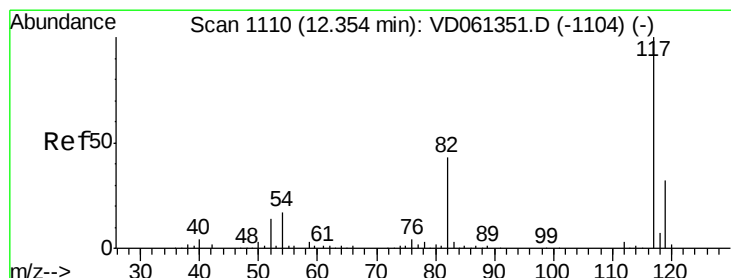
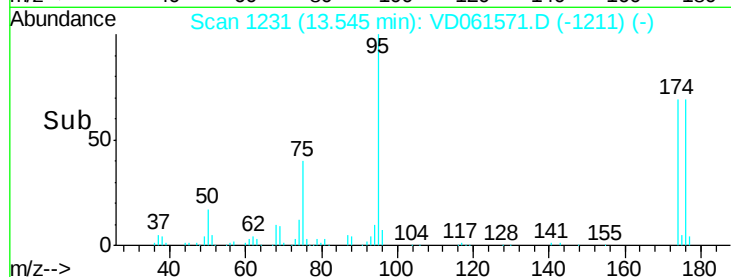
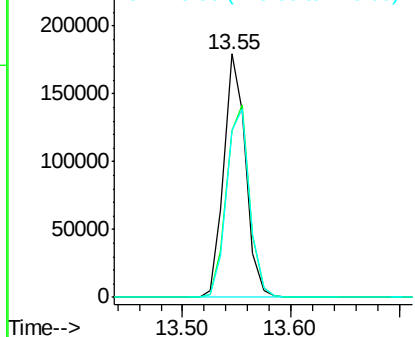
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VD061571.D
Acq: 3 Apr 2019 22:30

Instrument :
MSVOA_D
ClientSampleId :
VN-SP-1

Tot Ion: 95 Resp: 252500
Ion Ratio Lower Upper
95 100
174 68.7 0.0 178.0
176 68.8 0.0 175.0

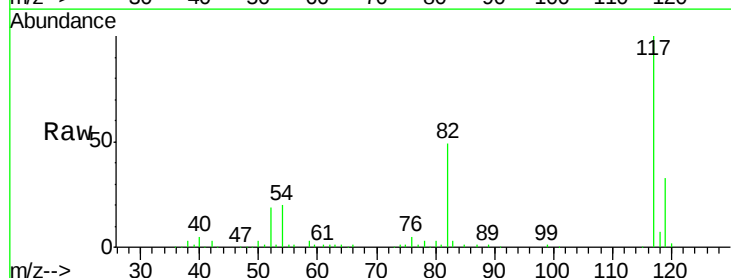


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

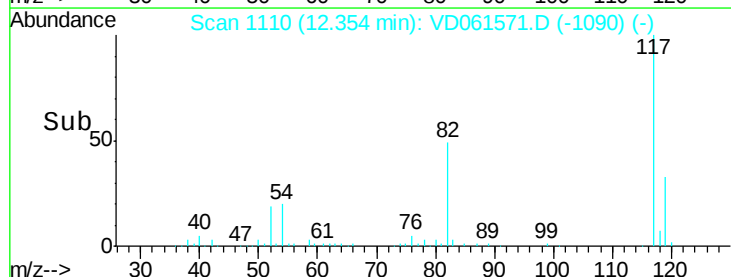
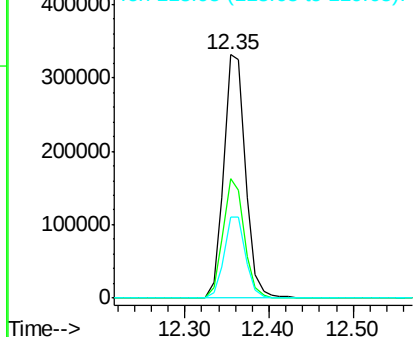


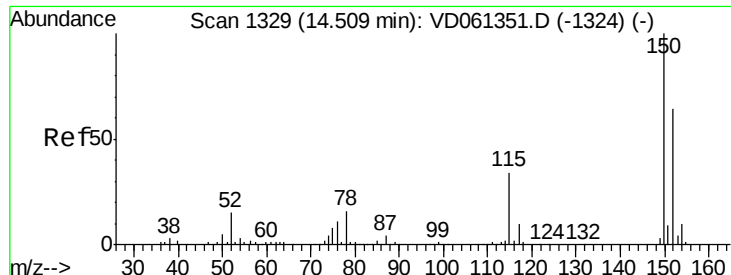
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD061571.D
Acq: 3 Apr 2019 22:30

Tgt Ion: 117 Resp: 593192
Ion Ratio Lower Upper
117 100
82 49.3 34.4 51.6
119 33.2 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: VD061571.D

Acq: 3 Apr 2019 22:30

Instrument :

MSVOA_D

ClientSampleId :

VN-SP-1

Tot Ion:152 Resp: 247310

Ion Ratio Lower Upper

152 100

115 61.1 26.9 80.6

150 161.4 0.0 318.0

