

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032919\
 Data File : VD061426.D
 Acq On : 29 Mar 2019 13:37
 Operator : VA/AP
 Sample : K2107-07
 Misc : 4.10g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Mar 29 23:12:30 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

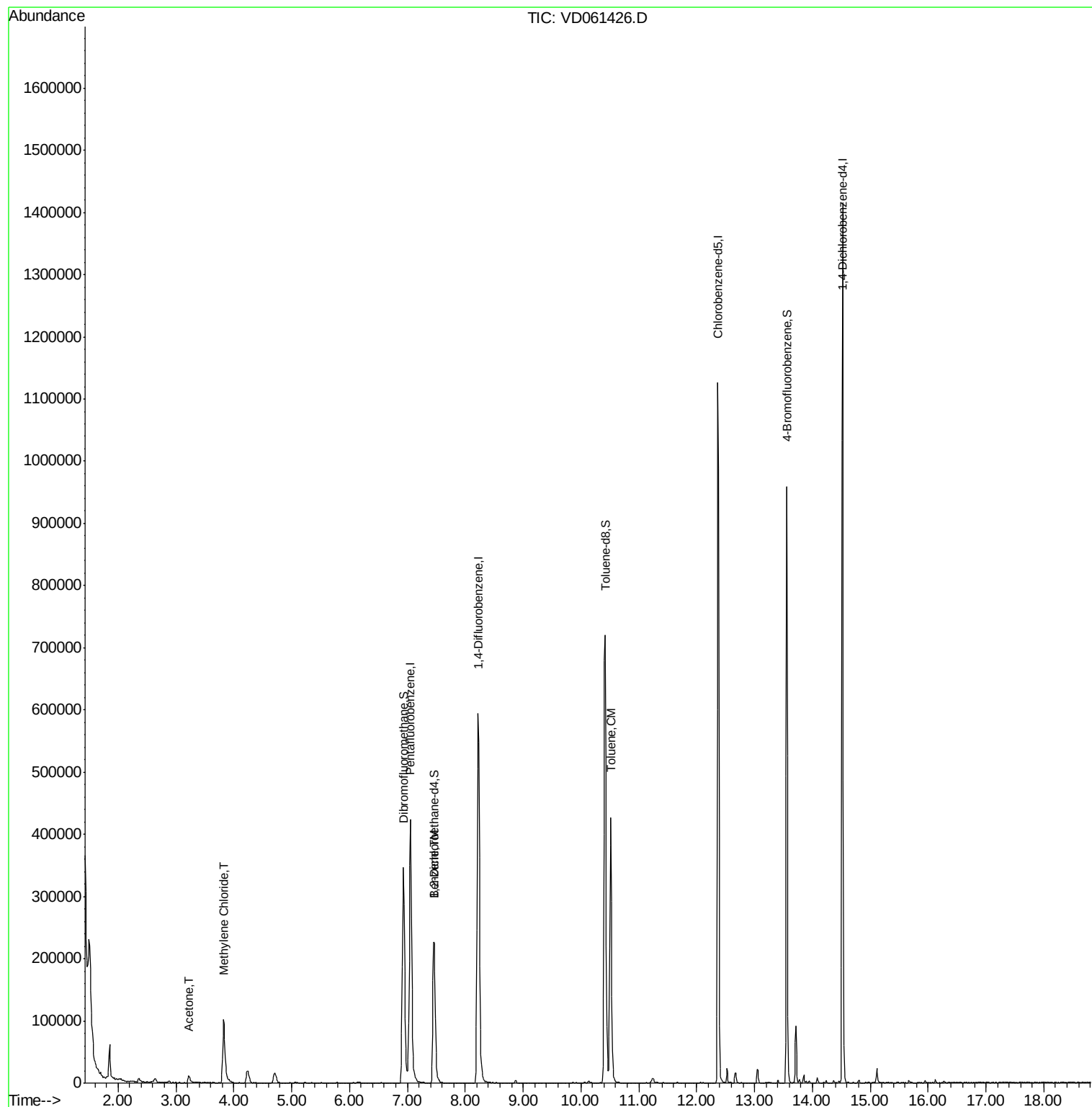
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	447994	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	808010	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	750655	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	339782	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	205683	53.75	ug/l	0.02
Spiked Amount 50.000			Recovery	=	107.50%	
35) Dibromofluoromethane	6.93	113	327730	53.08	ug/l	0.03
Spiked Amount 50.000			Recovery	=	106.16%	
50) Toluene-d8	10.42	98	659421	44.53	ug/l	0.03
Spiked Amount 50.000			Recovery	=	89.06%	
62) 4-Bromofluorobenzene	13.56	95	287641	50.65	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.30%	
Target Compounds						
16) Acetone	3.22	43	22990	23.369	ug/l #	89
20) Methylene Chloride	3.82	84	80413	13.177	ug/l	98
40) Benzene	7.46	78	43861	2.478	ug/l	97
52) Toluene	10.52	92	242015	22.414	ug/l	100

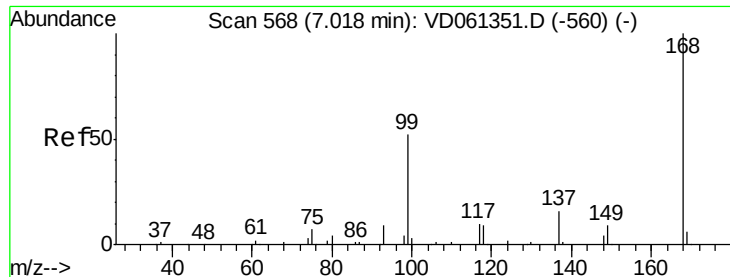
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032919\
Data File : VD061426.D
Acq On : 29 Mar 2019 13:37
Operator : VA/AP
Sample : K2107-07
Misc : 4.10g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Quant Time: Mar 29 23:12:30 2019
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: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD061426.D

Acq: 29 Mar 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

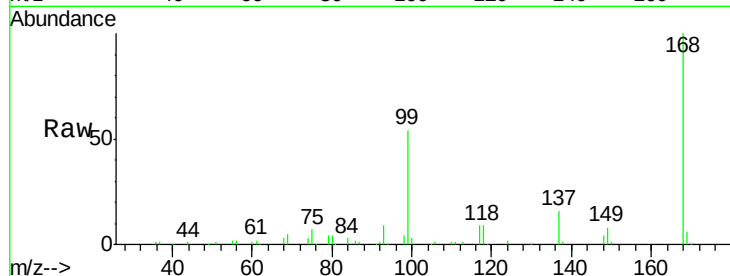
TP-4

Tot Ion:168 Resp: 447994

Ion Ratio Lower Upper

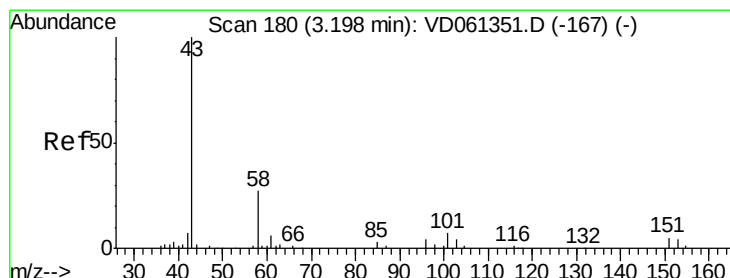
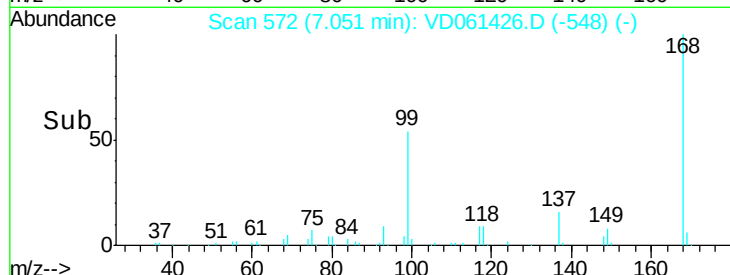
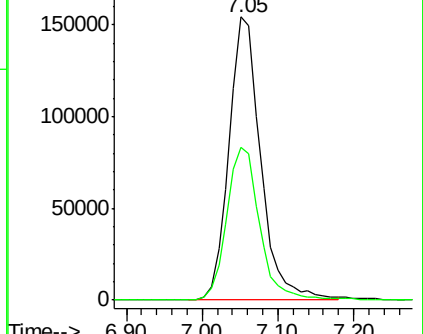
168 100

99 54.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 23.369 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061426.D

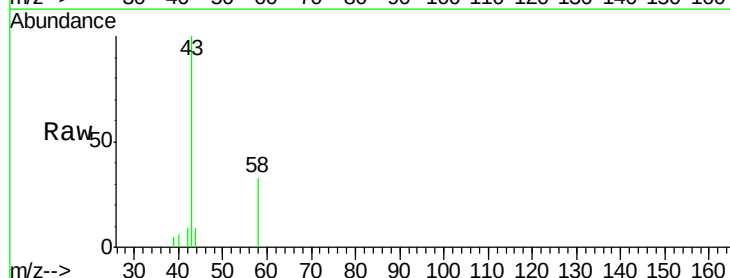
Acq: 29 Mar 2019 13:37

Tgt Ion: 43 Resp: 22990

Ion Ratio Lower Upper

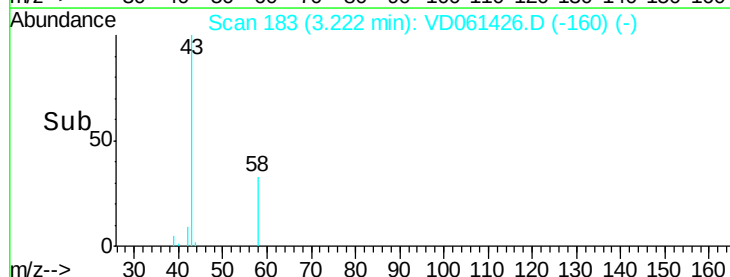
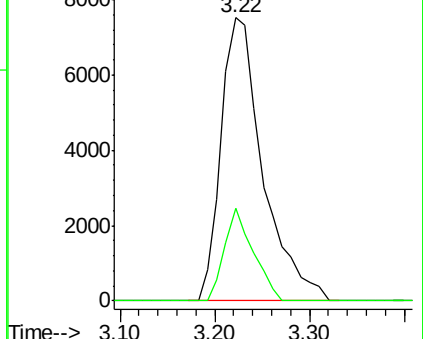
43 100

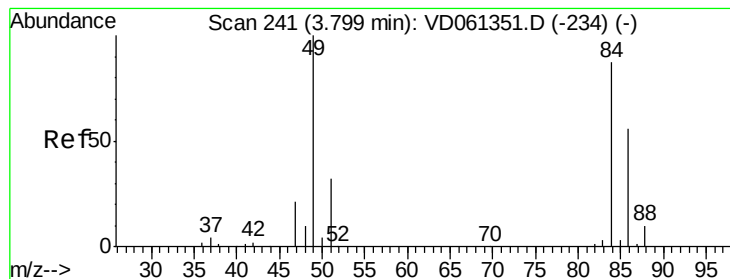
58 32.6 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 13.177 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061426.D

Acq: 29 Mar 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

TP-4

Tot Ion: 84 Resp: 80413

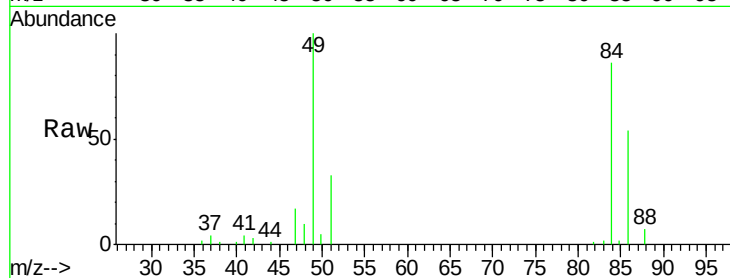
Ion Ratio Lower Upper

84 100

49 116.8 91.8 137.8

51 39.1 29.8 44.8

86 63.5 51.8 77.6

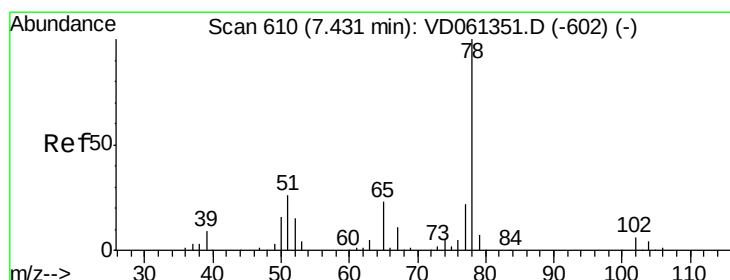
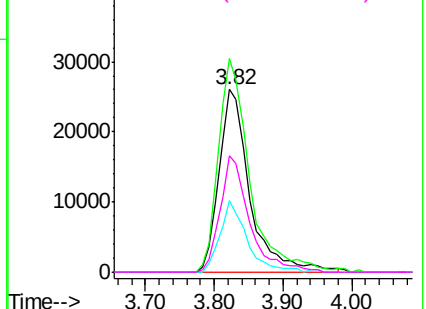
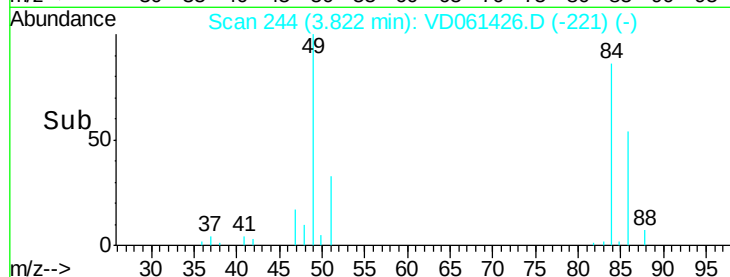


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.45 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD061426.D

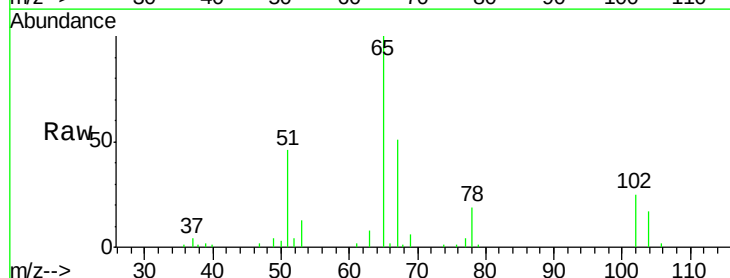
Acq: 29 Mar 2019 13:37

Tgt Ion: 65 Resp: 205683

Ion Ratio Lower Upper

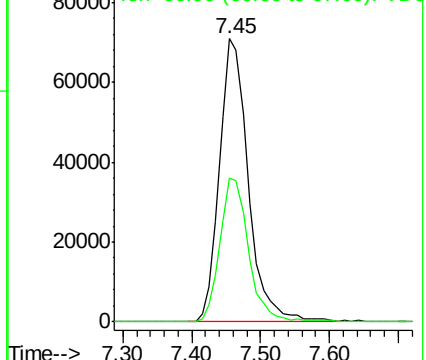
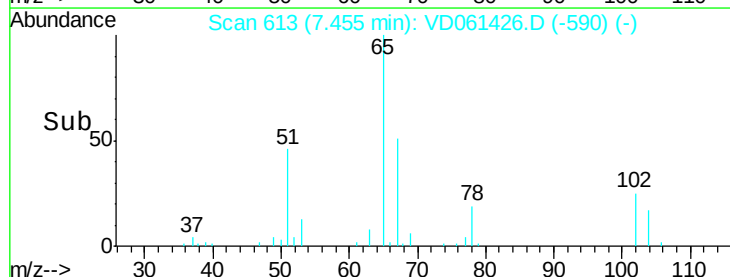
65 100

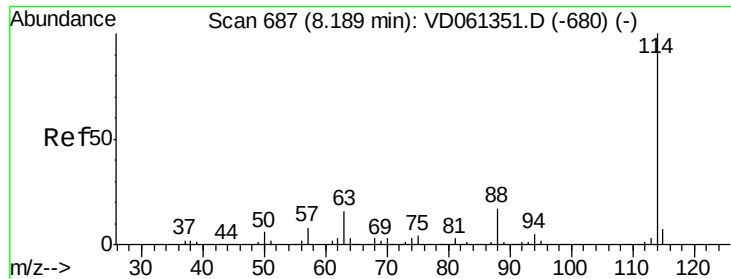
67 50.8 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

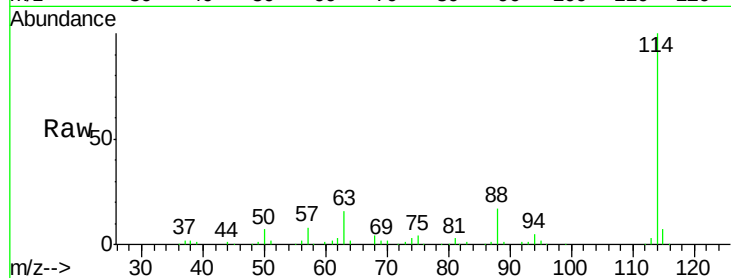




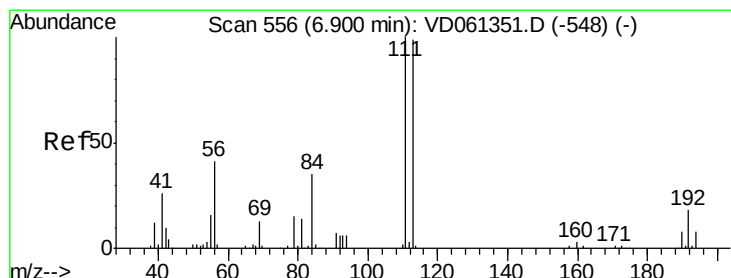
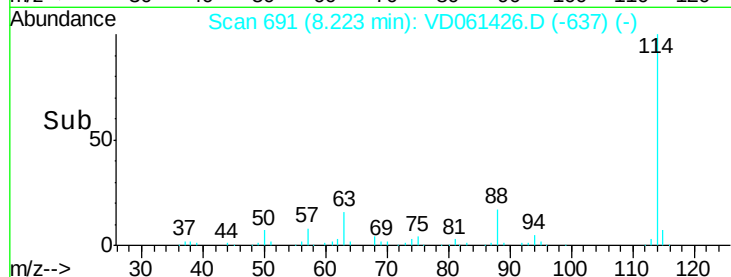
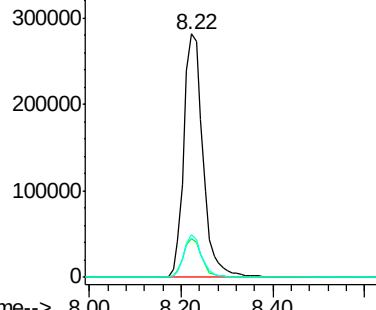
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD061426.D
 Acq: 29 Mar 2019 13:37

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Tot Ion:114 Resp: 808010
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.6
 88 17.3 0.0 33.4

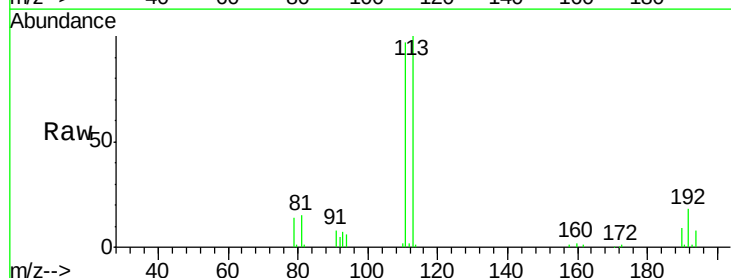


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

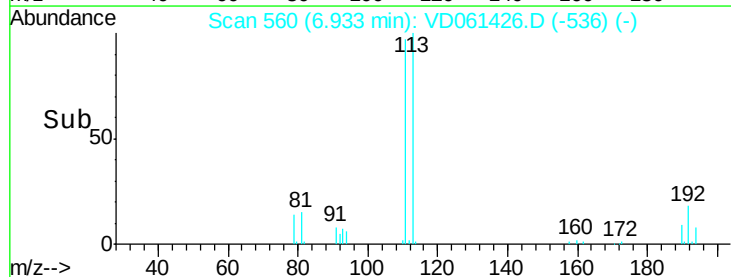
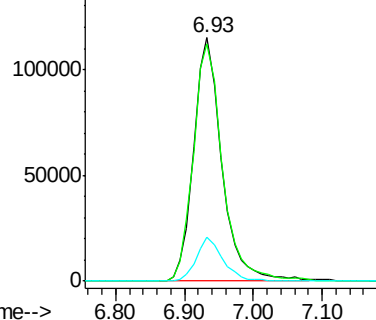


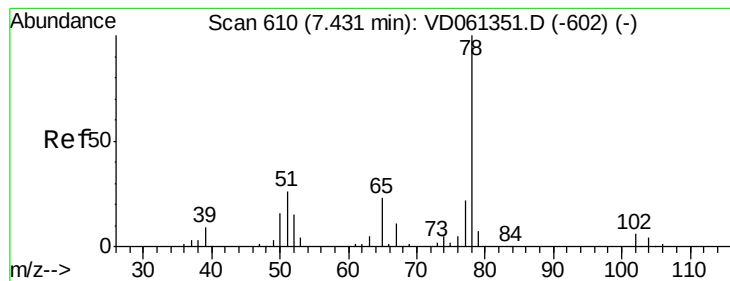
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD061426.D
 Acq: 29 Mar 2019 13:37

Tgt Ion:113 Resp: 327730
 Ion Ratio Lower Upper
 113 100
 111 97.3 81.0 121.6
 192 17.9 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: 2.478 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.03 min

Lab File: VD061426.D

Acq: 29 Mar 2019 13:37

Instrument :

MSVOA_D

ClientSampled :

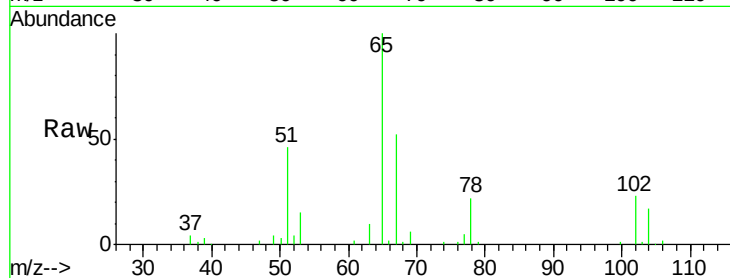
TP-4

Tot Ion: 78 Resp: 43861

Ion Ratio Lower Upper

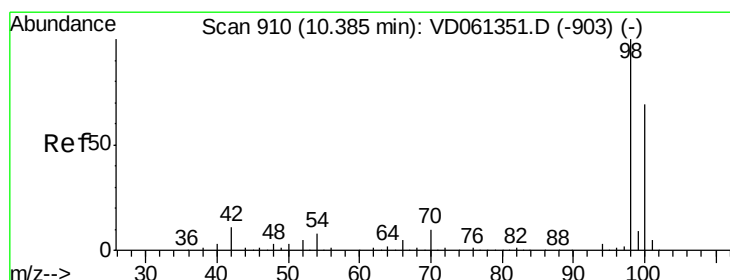
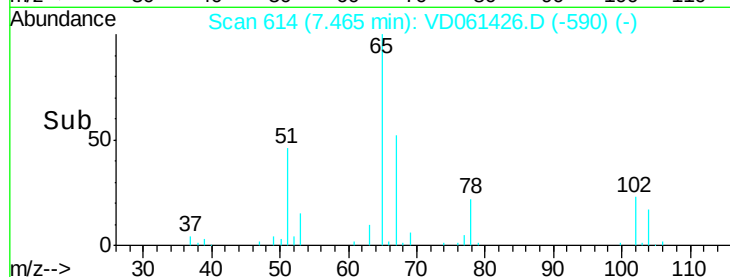
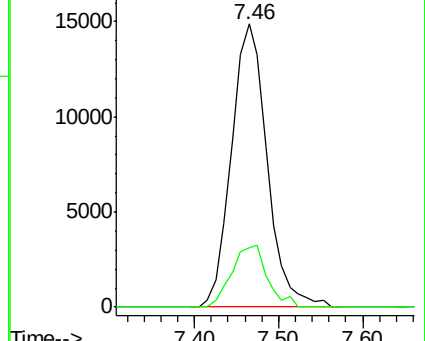
78 100

77 20.8 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: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD061426.D

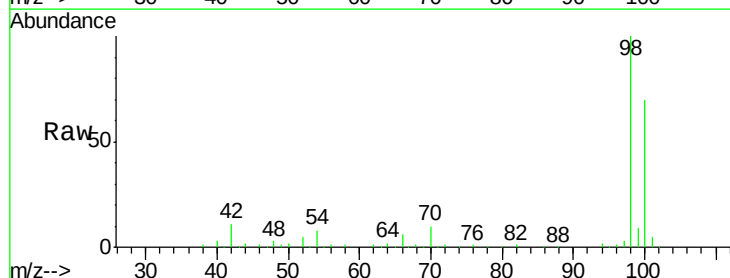
Acq: 29 Mar 2019 13:37

Tgt Ion: 98 Resp: 659421

Ion Ratio Lower Upper

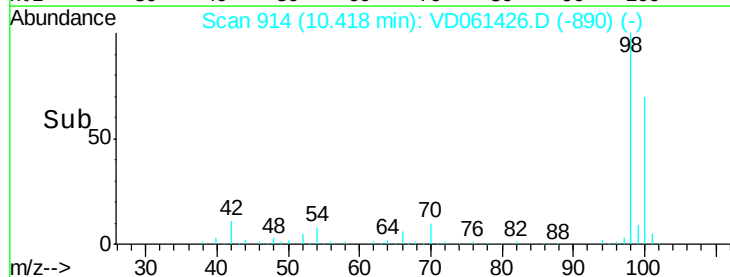
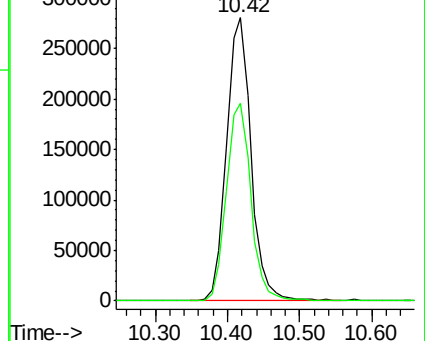
98 100

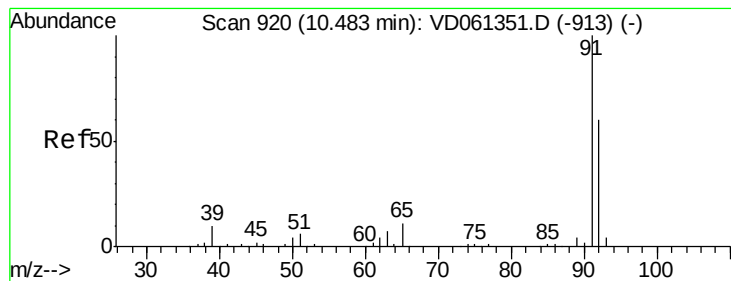
100 70.0 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 22.414 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.03 min

Lab File: VD061426.D

Acq: 29 Mar 2019 13:37

Instrument :

MSVOA_D

ClientSampled :

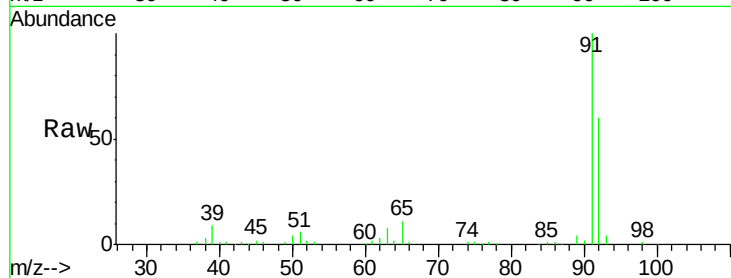
TP-4

Tot Ion: 92 Resp: 242015

Ion Ratio Lower Upper

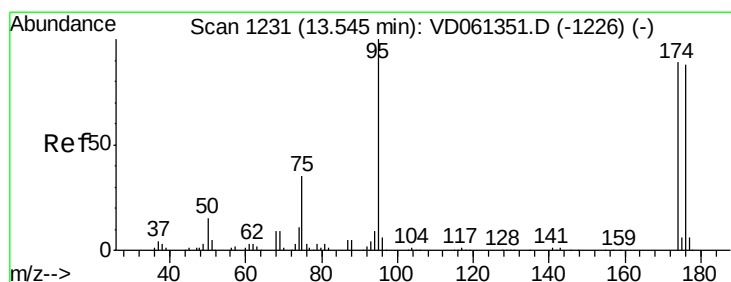
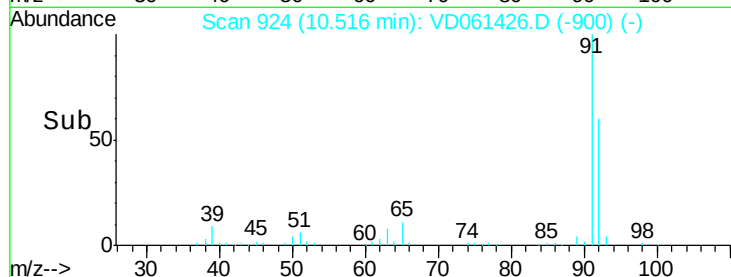
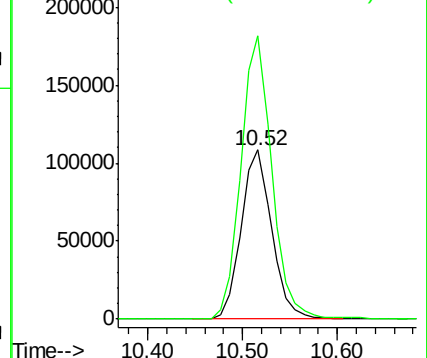
92 100

91 167.2 133.3 199.9



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: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061426.D

Acq: 29 Mar 2019 13:37

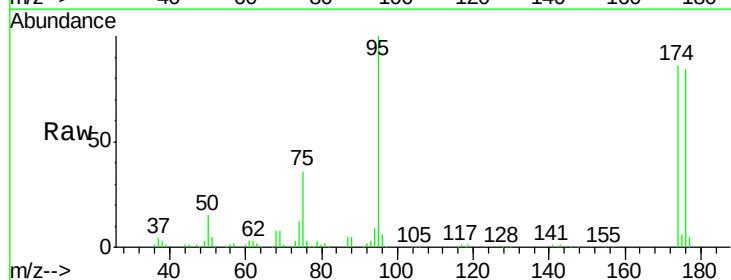
Tgt Ion: 95 Resp: 287641

Ion Ratio Lower Upper

95 100

174 85.9 0.0 178.0

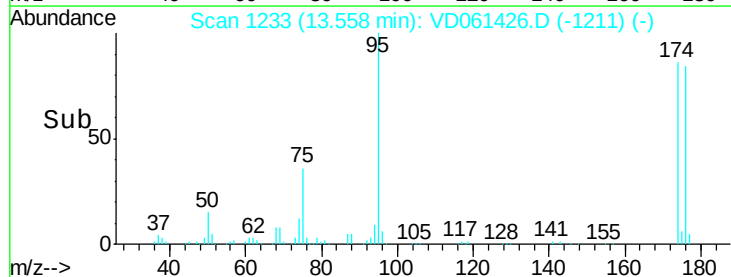
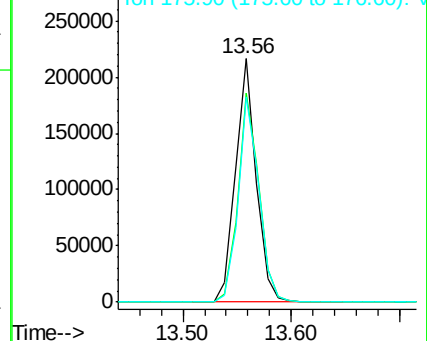
176 84.2 0.0 175.0

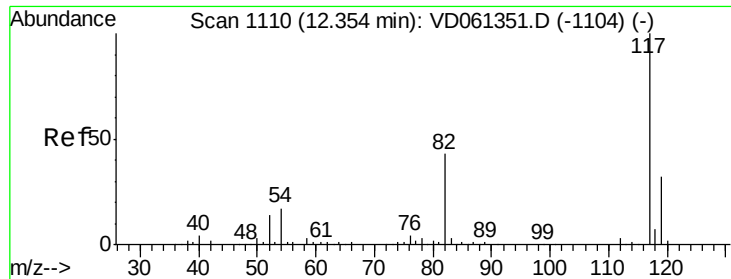


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

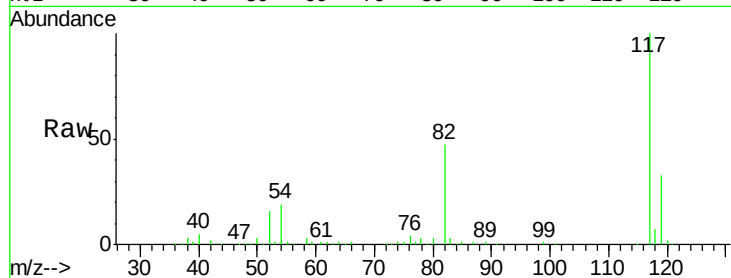




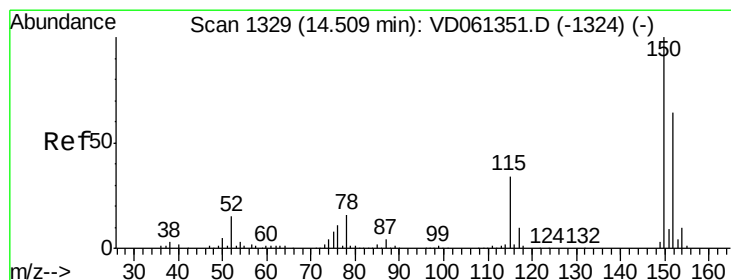
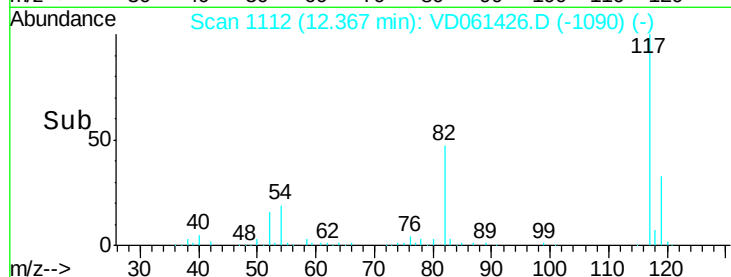
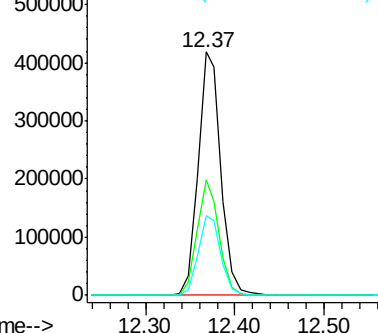
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061426.D
Acq: 29 Mar 2019 13:37

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tot Ion:117 Resp: 750655
Ion Ratio Lower Upper
117 100
82 47.3 34.4 51.6
119 32.8 25.8 38.6

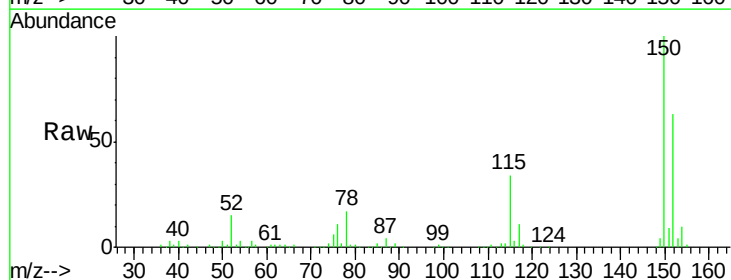


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061426.D
Acq: 29 Mar 2019 13:37

Tgt Ion:152 Resp: 339782
Ion Ratio Lower Upper
152 100
115 53.7 26.9 80.6
150 157.8 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

