

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061486.D
 Acq On : 1 Apr 2019 23:22
 Operator : VA/AP
 Sample : K2186-11
 Misc : 4.90µl/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Quant Time: Apr 02 02:44:12 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

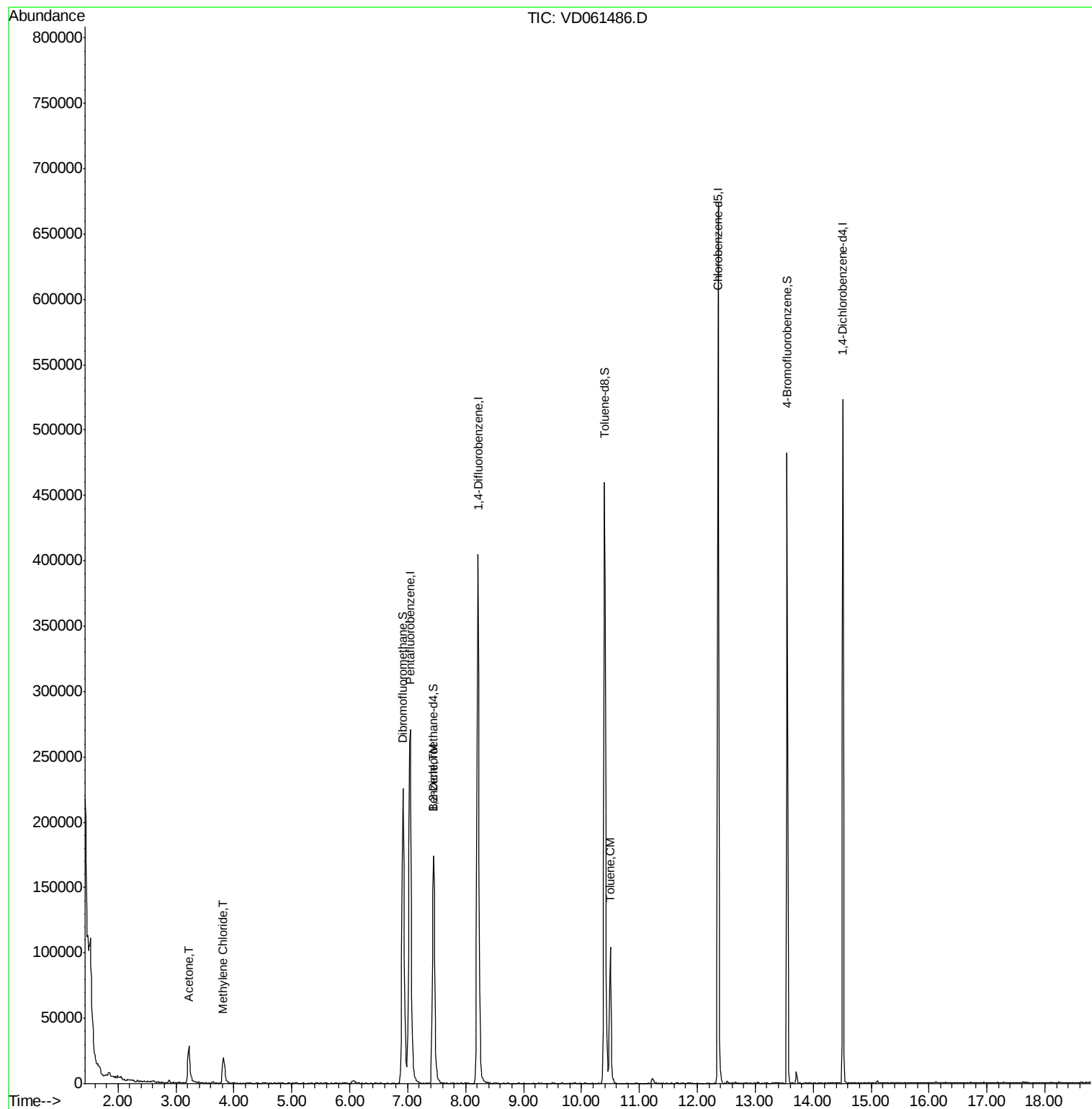
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	287094	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	507118	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	389879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	113820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	170877	69.68	ug/l	0.01
Spiked Amount 50.000			Recovery	=	139.36%	
35) Dibromofluoromethane	6.91	113	222354	57.38	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.76%	
50) Toluene-d8	10.40	98	407247	43.81	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.62%	
62) 4-Bromofluorobenzene	13.55	95	149180	41.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.70%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	58800	93.267	ug/l #	87
20) Methylene Chloride	3.81	84	15919	2.691	ug/l #	92
40) Benzene	7.45	78	18724	1.686	ug/l #	89
52) Toluene	10.50	92	55868	8.244	ug/l	95

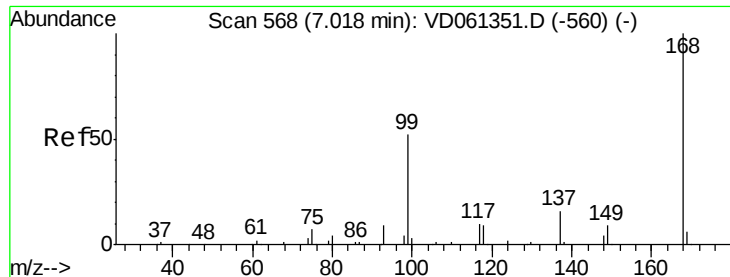
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061486.D
Acq On : 1 Apr 2019 23:22
Operator : VA/AP
Sample : K2186-11
Misc : 4.90g/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Quant Time: Apr 02 02:44:12 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: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD061486.D

Acq: 1 Apr 2019 23:22

Instrument :

MSVOA_D

ClientSampleId :

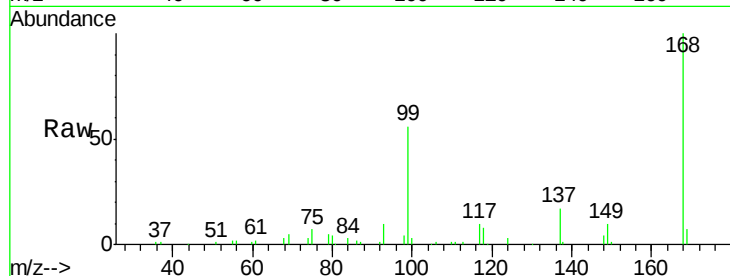
BELT-PARKWAY-STAGING-YARD-1

Tot Ion:168 Resp: 287094

Ion Ratio Lower Upper

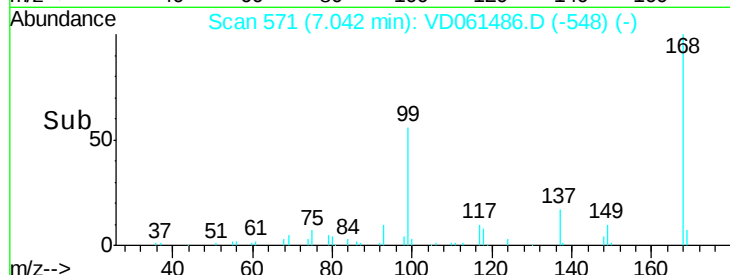
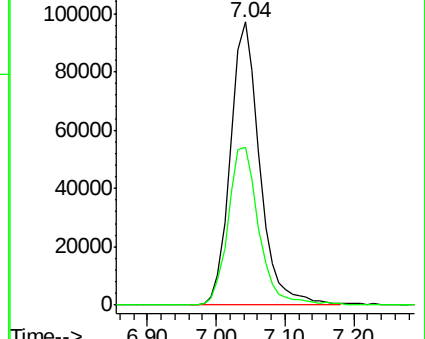
168 100

99 55.6 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: 93.267 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061486.D

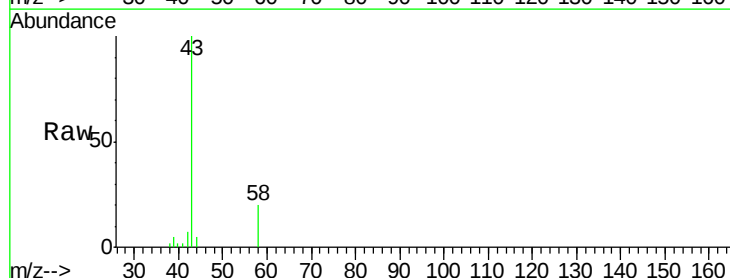
Acq: 1 Apr 2019 23:22

Tgt Ion: 43 Resp: 58800

Ion Ratio Lower Upper

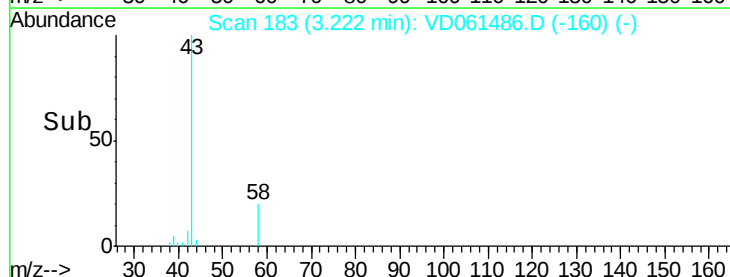
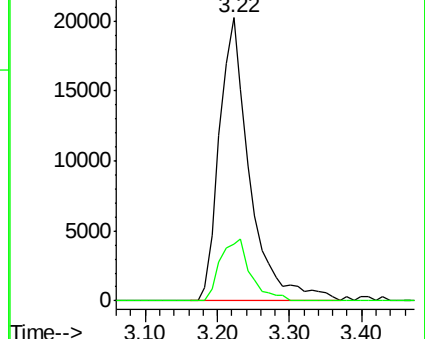
43 100

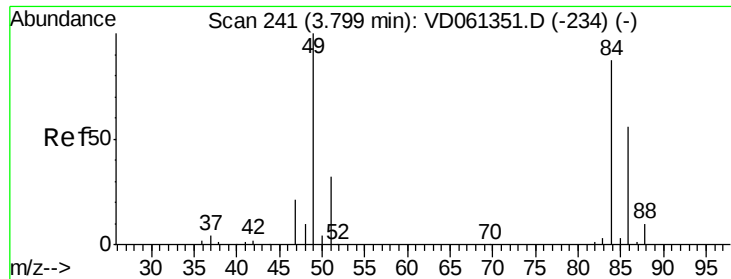
58 20.2 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

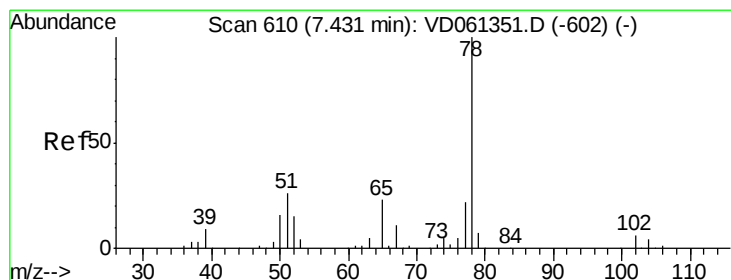
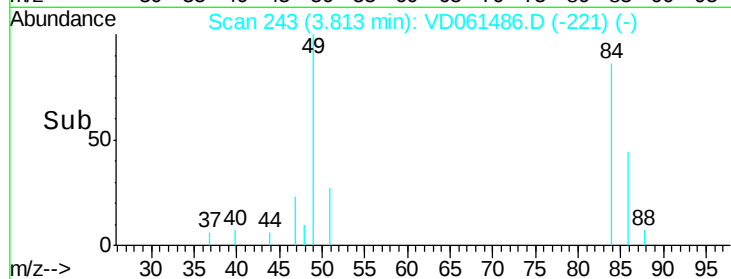
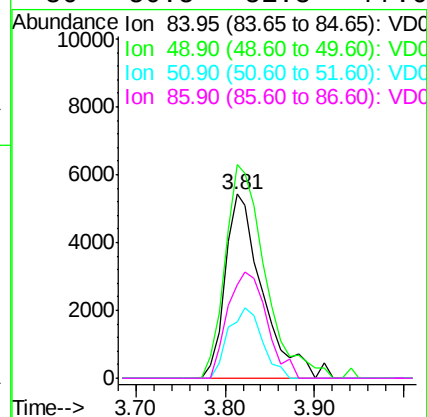
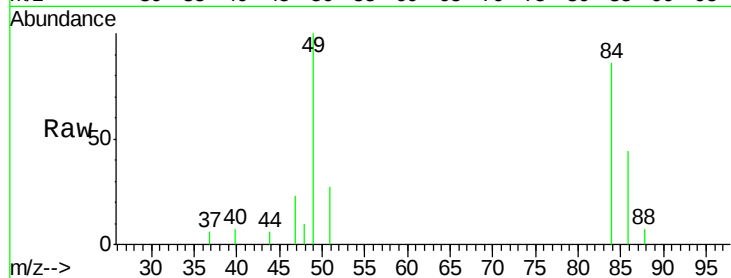




#20
Methvlene Chloride
Concen: 2.691 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

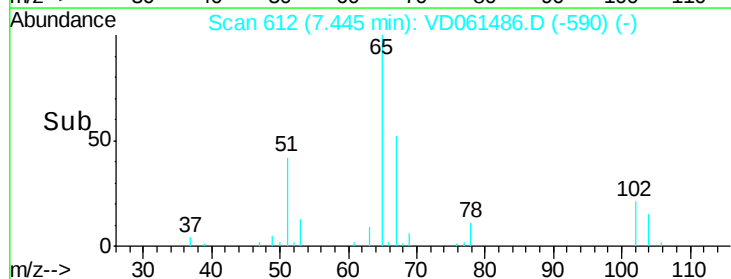
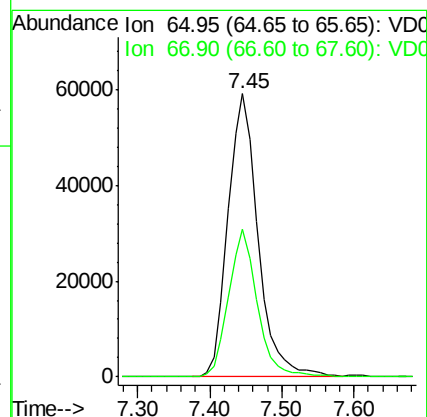
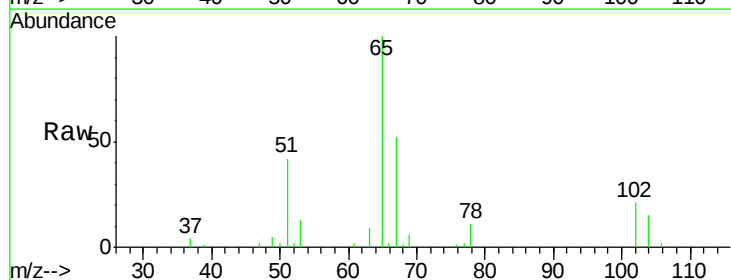
Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

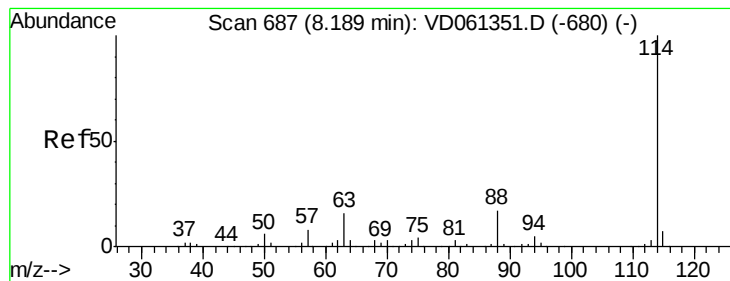
Tot Ion: 84 Resp: 15919
Ion Ratio Lower Upper
84 100
49 115.9 91.8 137.8
51 30.9 29.8 44.8
86 50.5 51.8 77.6#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Tgt Ion: 65 Resp: 170877
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD061486.D

Acq: 1 Apr 2019 23:22

Instrument :

MSVOA_D

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

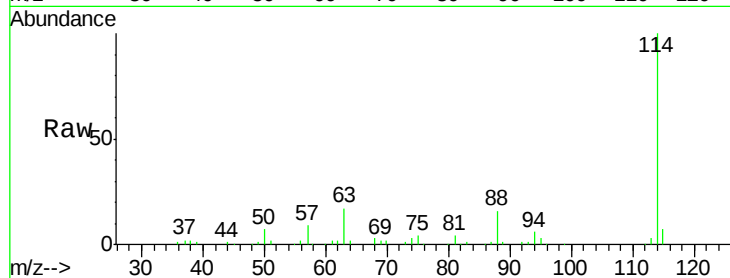
Tot Ion:114 Resp: 507118

Ion Ratio Lower Upper

114 100

63 17.2 0.0 31.6

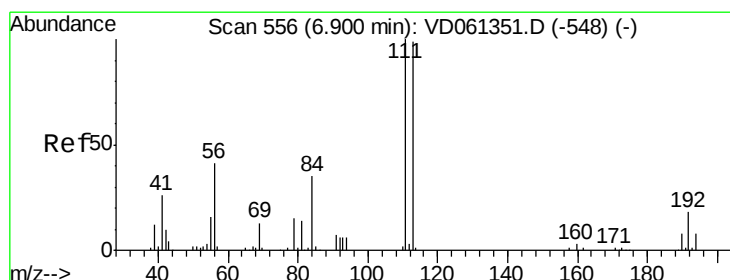
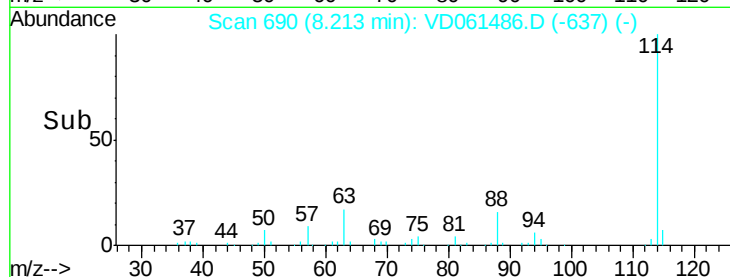
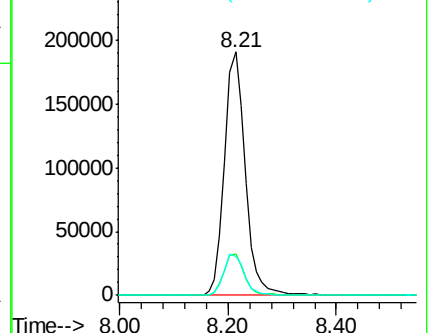
88 16.0 0.0 33.4



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: 6.91 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD061486.D

Acq: 1 Apr 2019 23:22

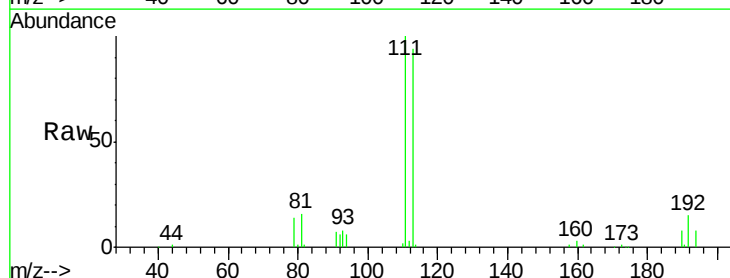
Tgt Ion:113 Resp: 222354

Ion Ratio Lower Upper

113 100

111 106.1 81.0 121.6

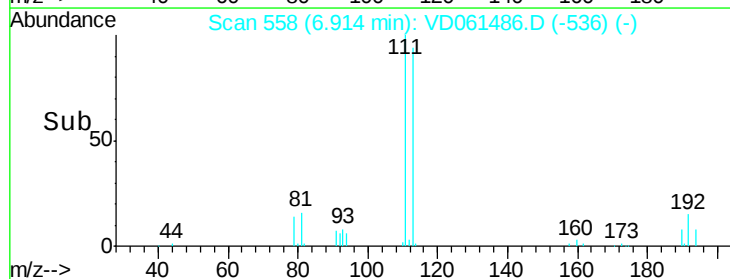
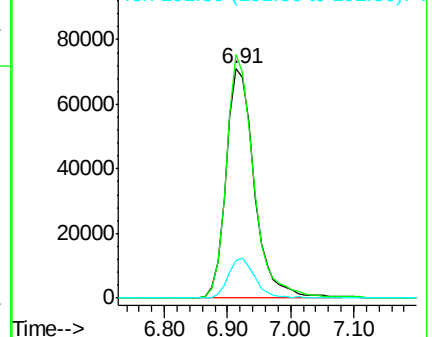
192 16.4 14.4 21.6

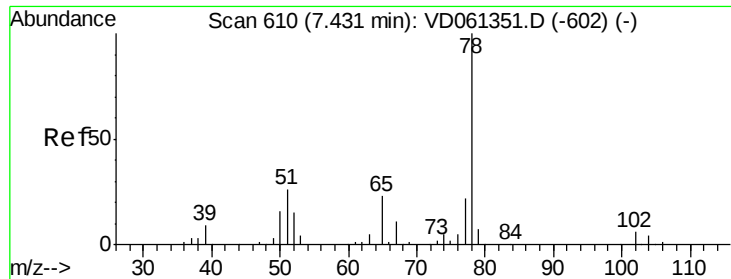


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#40

Benzene

Concen: 1.686 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD061486.D

Acq: 1 Apr 2019 23:22

Instrument :

MSVOA_D

ClientSampleId :

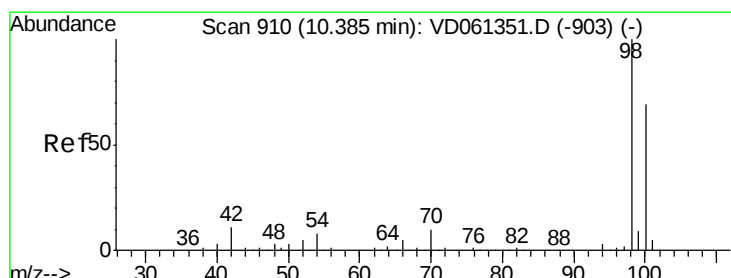
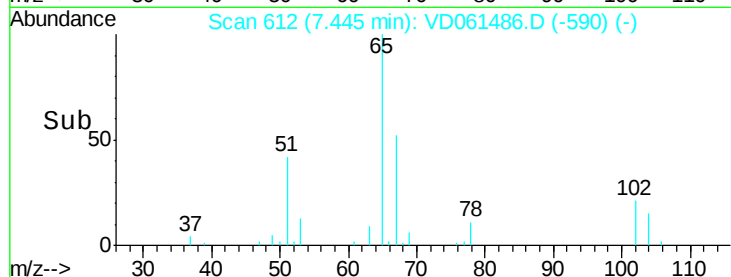
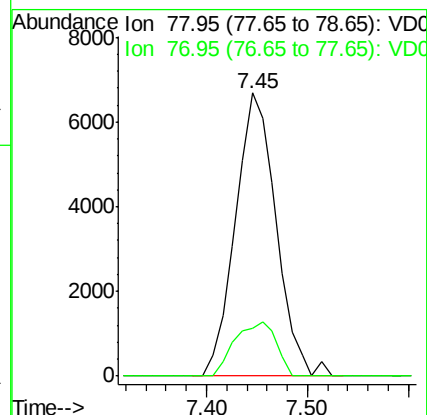
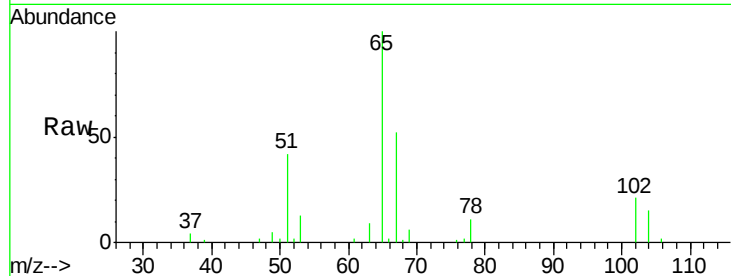
BELT-PARKWAY-STAGING-YARD-1

Tot Ion: 78 Resp: 18724

Ion Ratio Lower Upper

78 100

77 17.1 17.8 26.6#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD061486.D

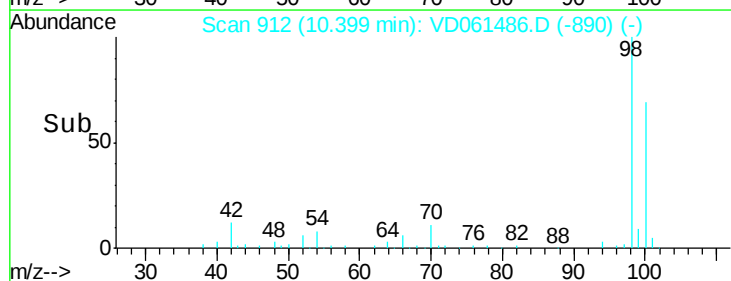
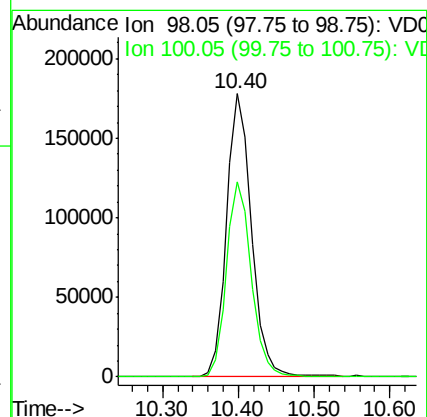
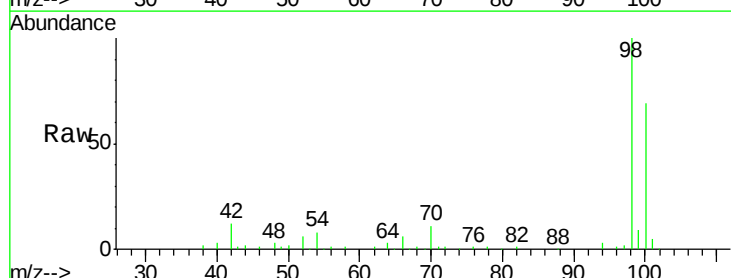
Acq: 1 Apr 2019 23:22

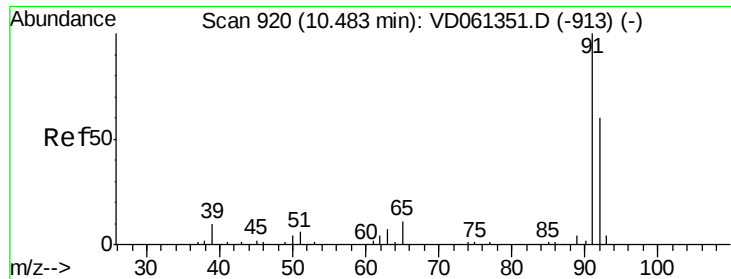
Tgt Ion: 98 Resp: 407247

Ion Ratio Lower Upper

98 100

100 68.9 56.2 84.2





#52

Toluene

Concen: 8.244 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: VD061486.D

Acq: 1 Apr 2019 23:22

Instrument :

MSVOA_D

ClientSampleId :

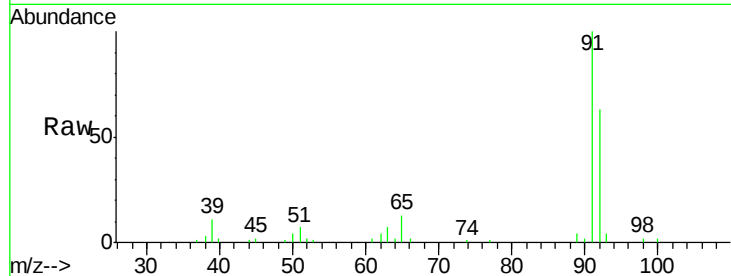
BELT-PARKWAY-STAGING-YARD-1

Tot Ion: 92 Resp: 55868

Ion Ratio Lower Upper

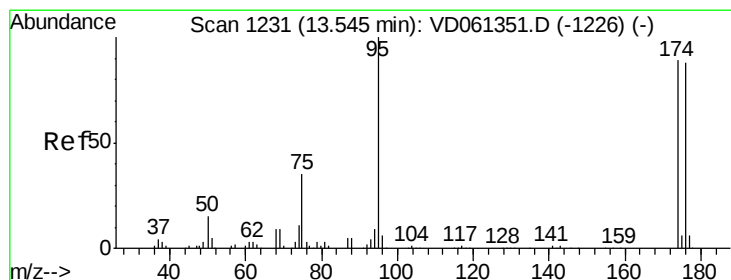
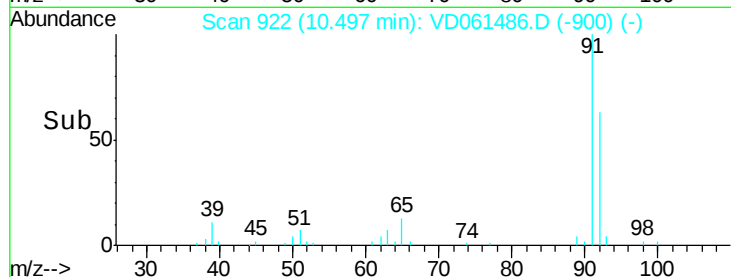
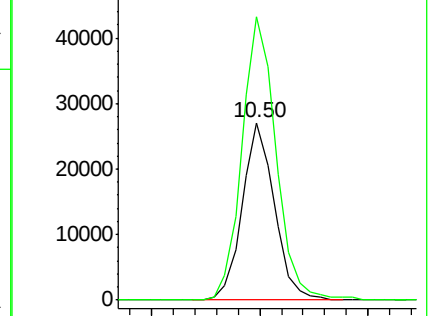
92 100

91 159.5 133.3 199.9



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# 1232

Delta R.T. 0.00 min

Lab File: VD061486.D

Acq: 1 Apr 2019 23:22

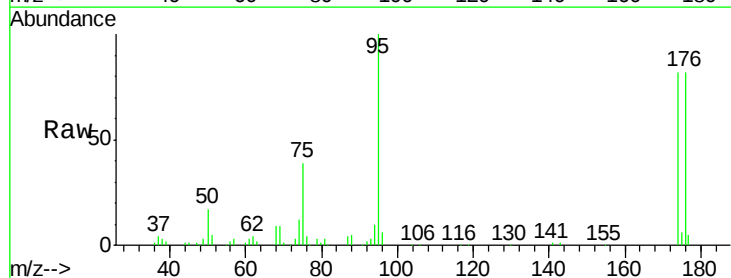
Tgt Ion: 95 Resp: 149180

Ion Ratio Lower Upper

95 100

174 81.6 0.0 178.0

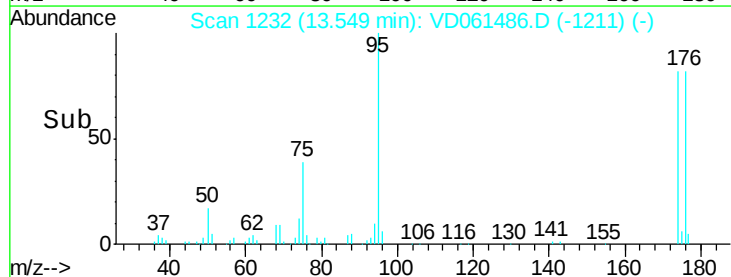
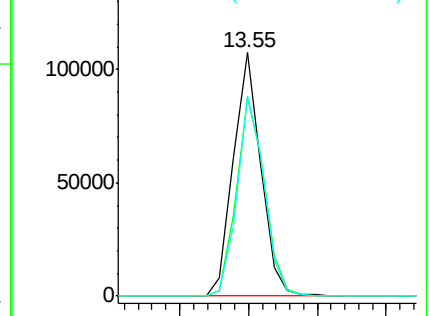
176 82.4 0.0 175.0

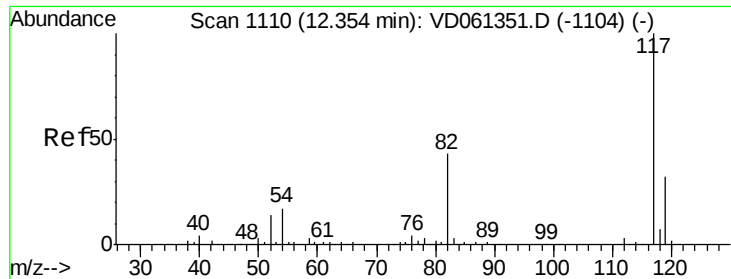


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

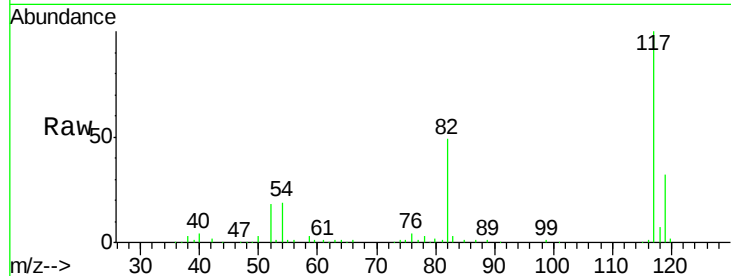




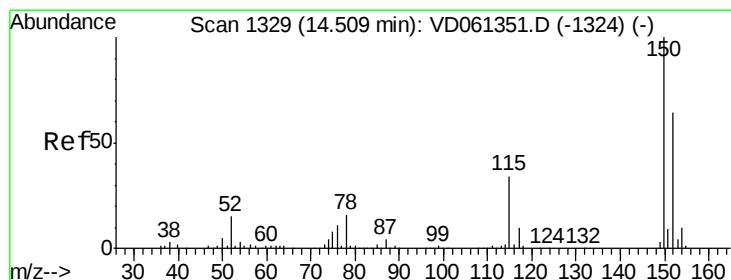
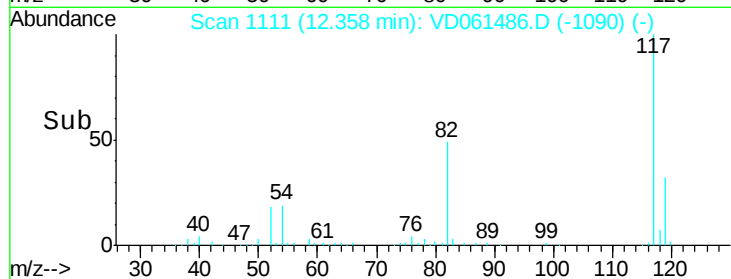
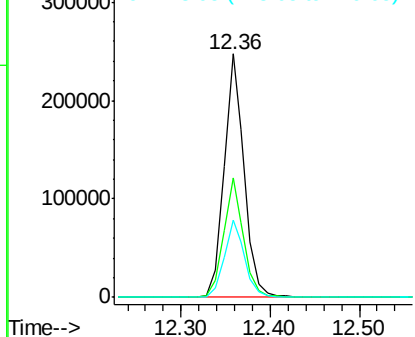
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Tot Ion:117 Resp: 389879
Ion Ratio Lower Upper
117 100
82 49.0 34.4 51.6
119 31.8 25.8 38.6

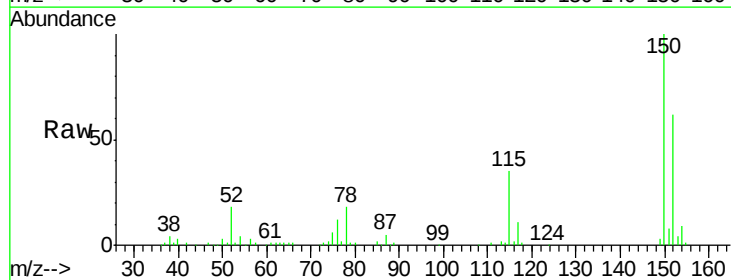


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Tgt Ion:152 Resp: 113820
Ion Ratio Lower Upper
152 100
115 57.1 26.9 80.6
150 160.8 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

