

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061528.D
 Acq On : 2 Apr 2019 21:39
 Operator : VA/AP
 Sample : K2186-19
 Misc : 3.67g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-3

Quant Time: Apr 03 03:01:19 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

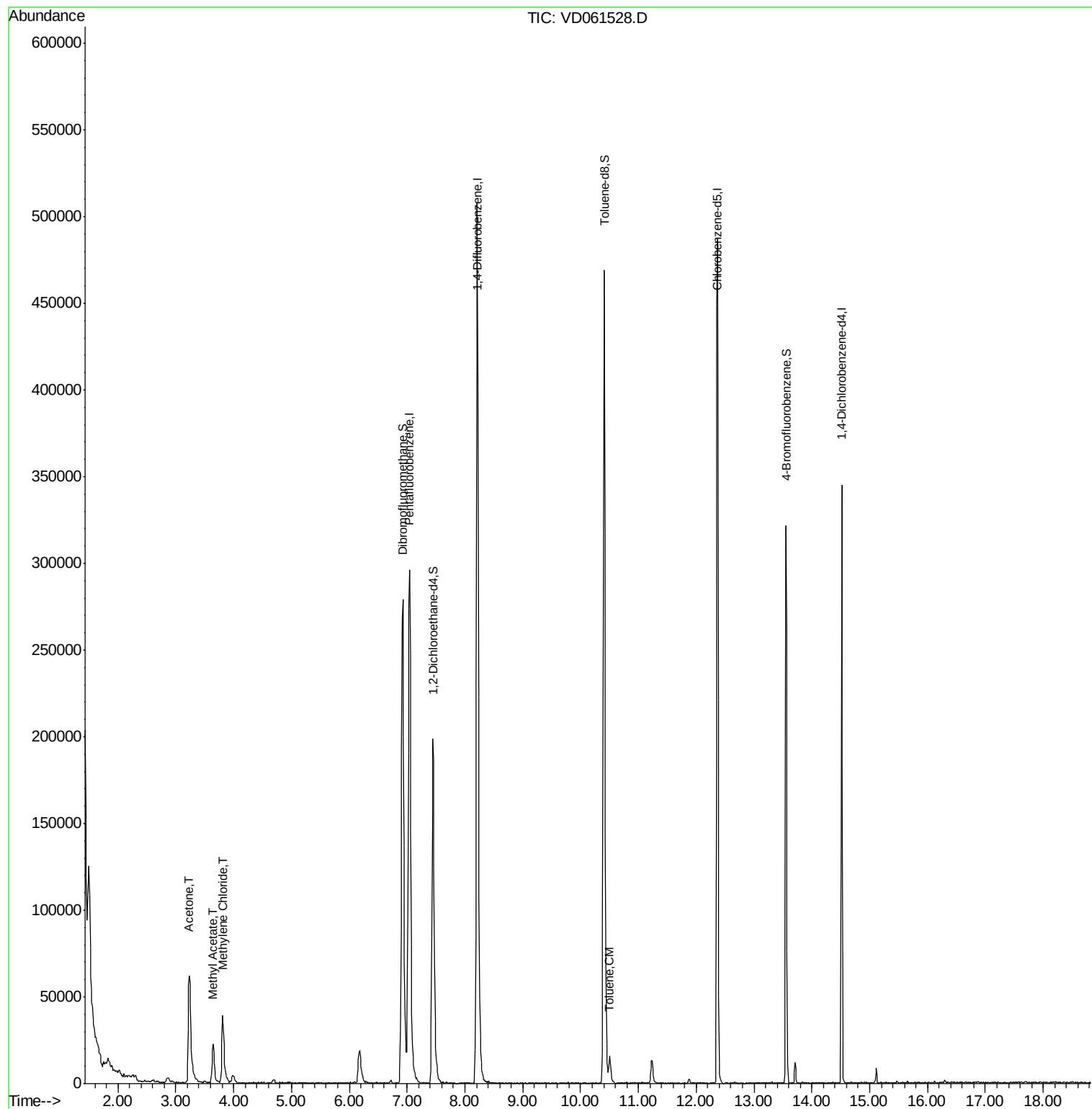
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	310828	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	611630	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	317395	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	75566	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	205120	77.25	ug/l	0.02
Spiked Amount 50.000			Recovery	=	154.50%	
35) Dibromofluoromethane	6.92	113	272477	58.30	ug/l	0.03
Spiked Amount 50.000			Recovery	=	116.60%	
50) Toluene-d8	10.41	98	429294	38.29	ug/l	0.03
Spiked Amount 50.000			Recovery	=	76.58%	
62) 4-Bromofluorobenzene	13.55	95	102844	23.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.84%	
Target Compounds						
16) Acetone	3.23	43	144360	211.496	ug/l	99
18) Methyl Acetate	3.65	43	44860	31.258	ug/l	98
20) Methylene Chloride	3.81	84	31837	6.662	ug/l	94
52) Toluene	10.50	92	9213	1.127	ug/l	85

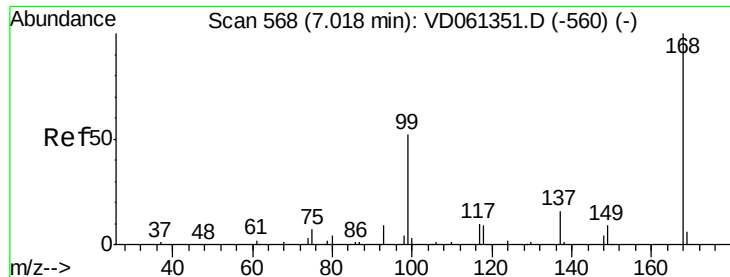
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040219\
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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: 7.04 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061528.D

Acq: 2 Apr 2019 21:39

Instrument :

MSVOA_D

ClientSampleId :

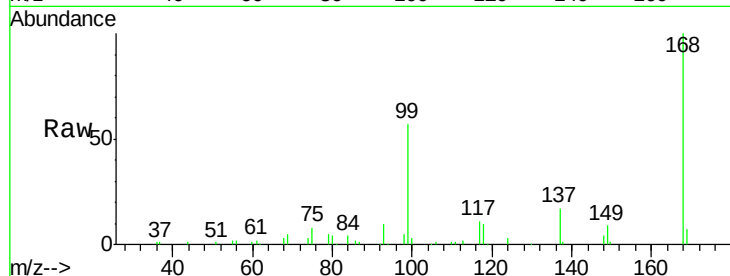
BELT-PARKWAY-STAGING-YARD-3

Tot Ion:168 Resp: 310828

Ion Ratio Lower Upper

168 100

99 57.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

100000

80000

60000

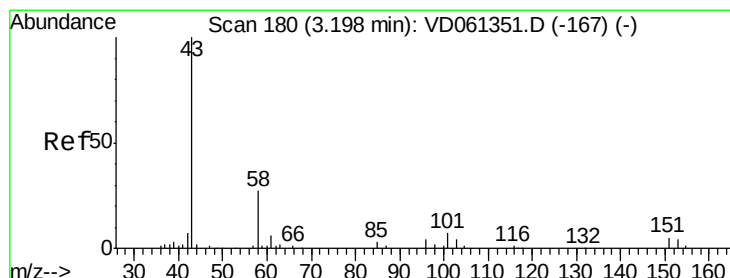
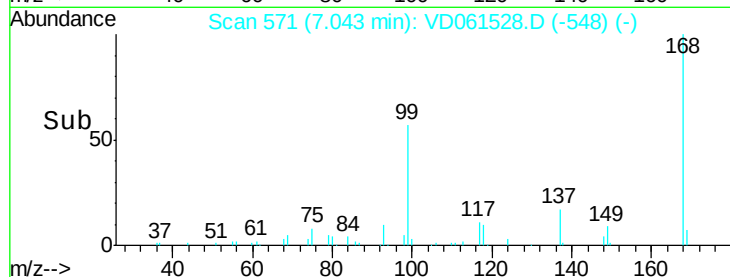
40000

20000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 211.496 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD061528.D

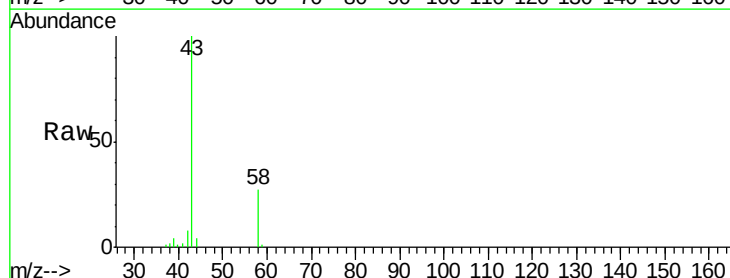
Acq: 2 Apr 2019 21:39

Tgt Ion: 43 Resp: 144360

Ion Ratio Lower Upper

43 100

58 26.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

40000

30000

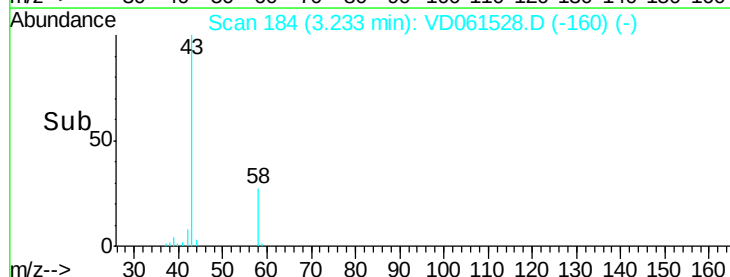
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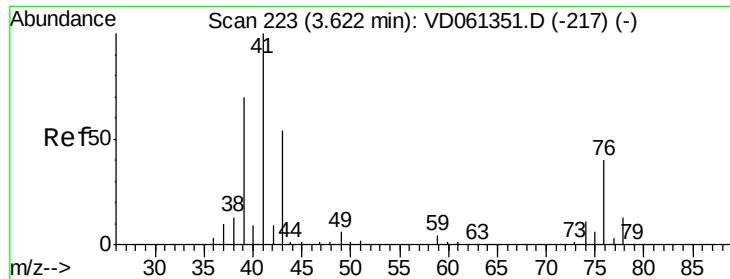
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0

3.10 3.20 3.30 3.40

Time-->

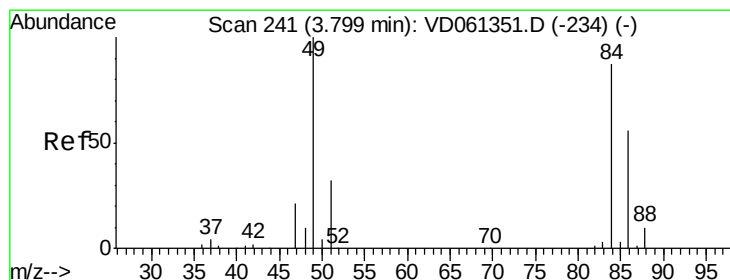
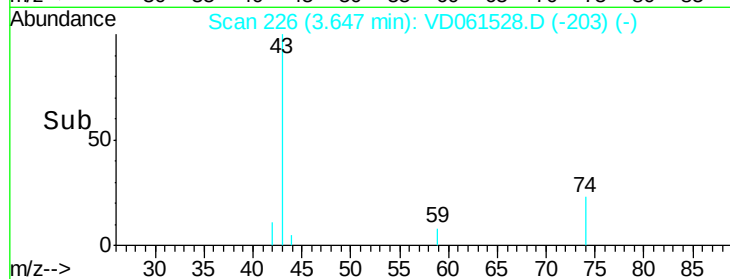
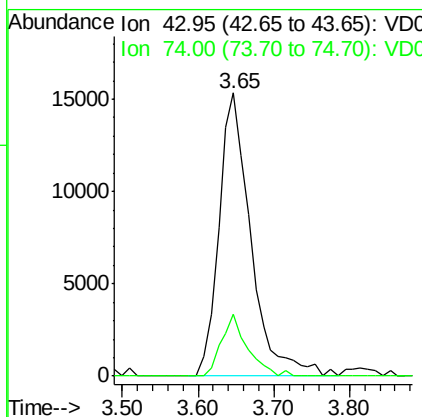
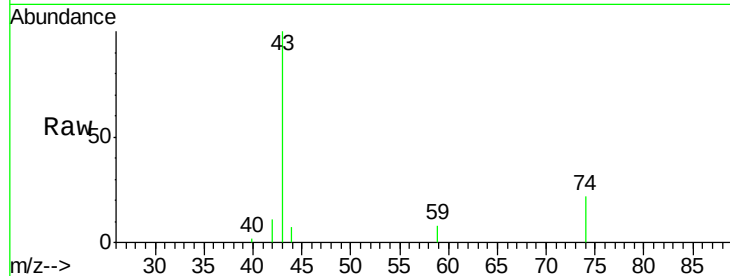




#18
Methyl Acetate
Concen: 31.258 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.03 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

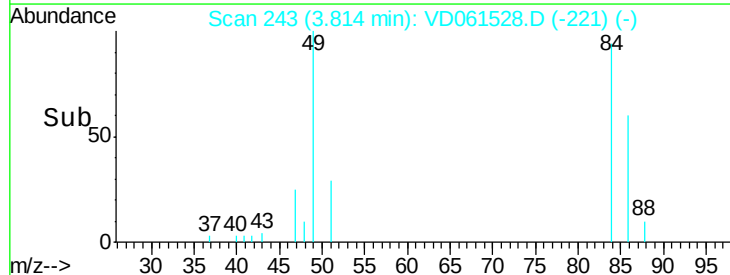
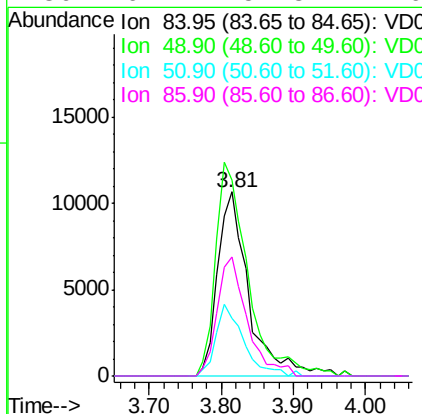
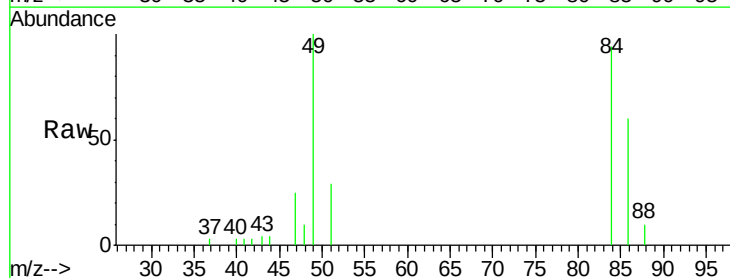
Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

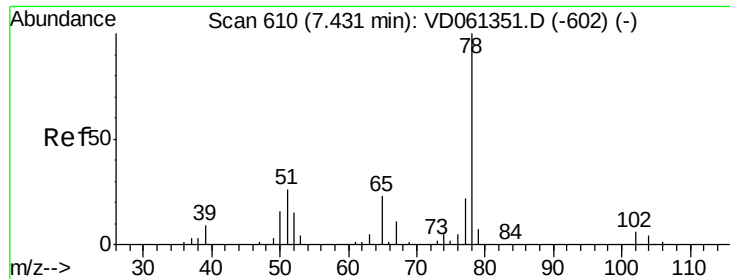
Tot Ion: 43 Resp: 44860
Ion Ratio Lower Upper
43 100
74 21.9 16.7 25.1



#20
Methylene Chloride
Concen: 6.662 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Tgt Ion: 84 Resp: 31837
Ion Ratio Lower Upper
84 100
49 106.7 91.8 137.8
51 31.2 29.8 44.8
86 64.4 51.8 77.6

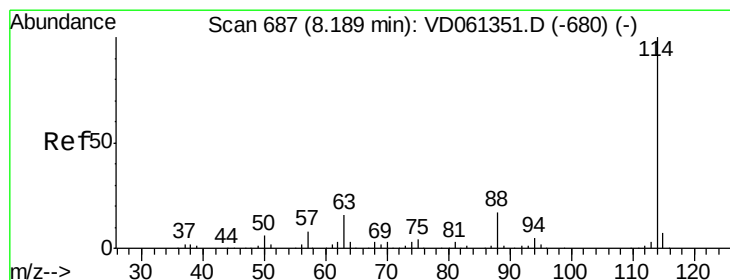
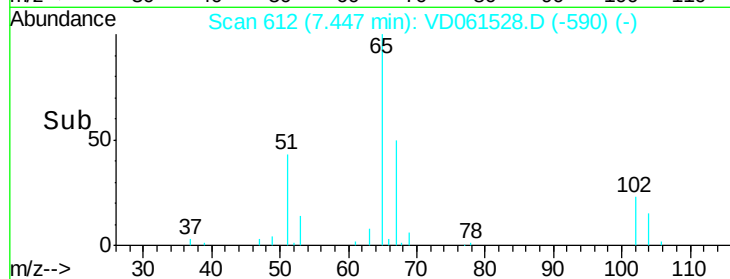
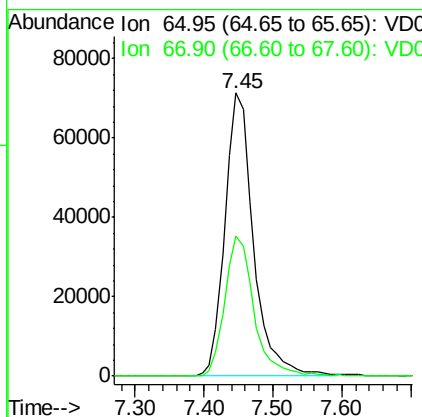
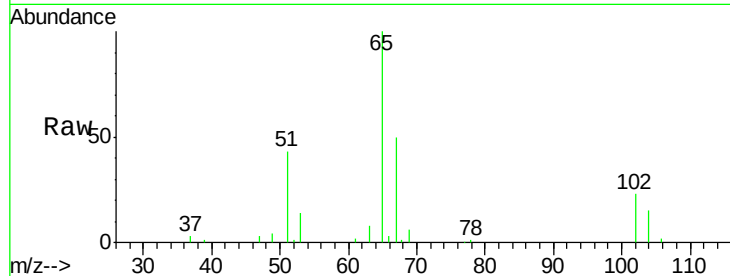




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.02 min
 Lab File: VD061528.D
 Acq: 2 Apr 2019 21:39

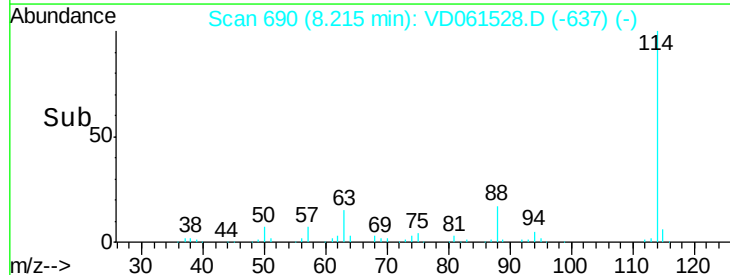
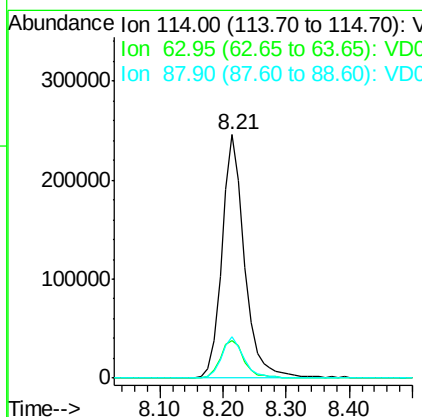
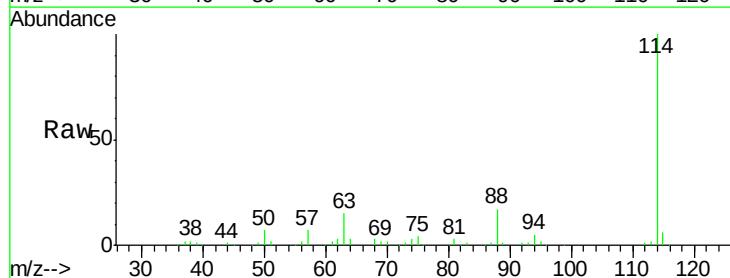
Instrument :
 MSVOA_D
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-3

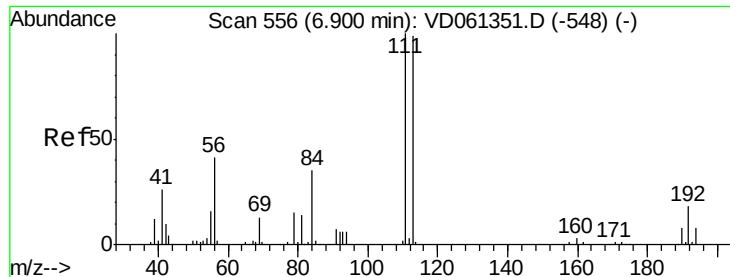
Tot Ion: 65 Resp: 205120
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061528.D
 Acq: 2 Apr 2019 21:39

Tgt Ion: 114 Resp: 611630
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.6
 88 17.1 0.0 33.4

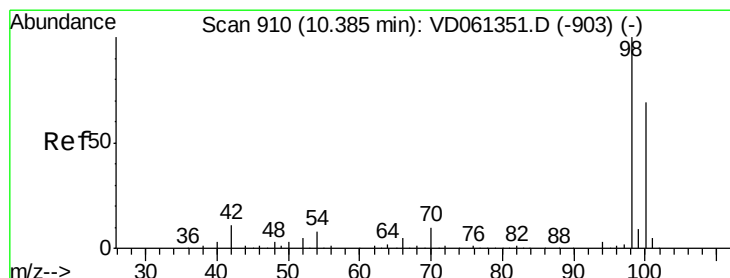
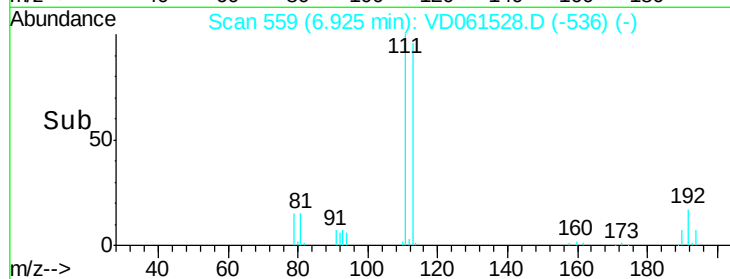
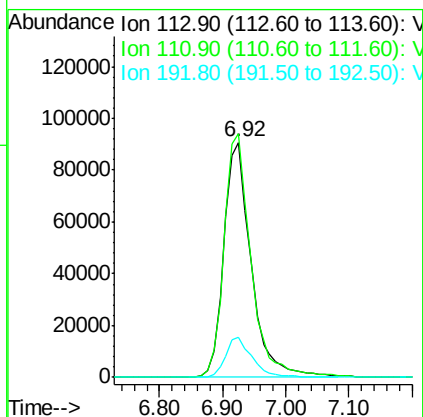
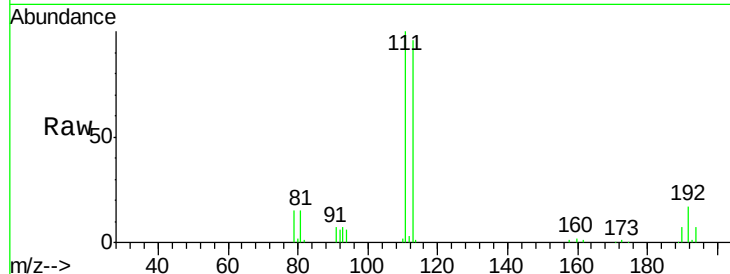




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD061528.D
 Acq: 2 Apr 2019 21:39

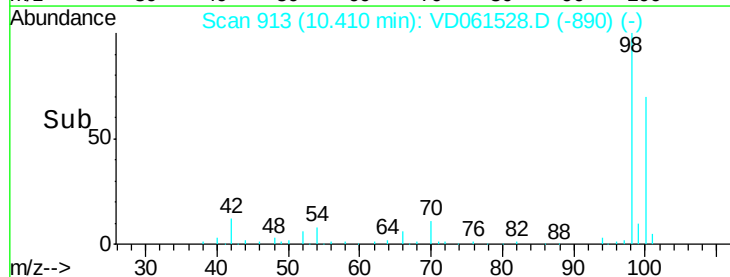
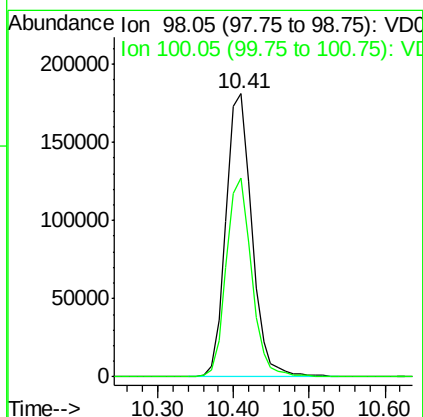
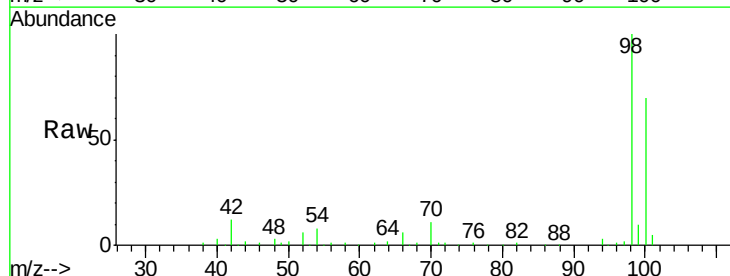
Instrument :
 MSVOA_D
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-3

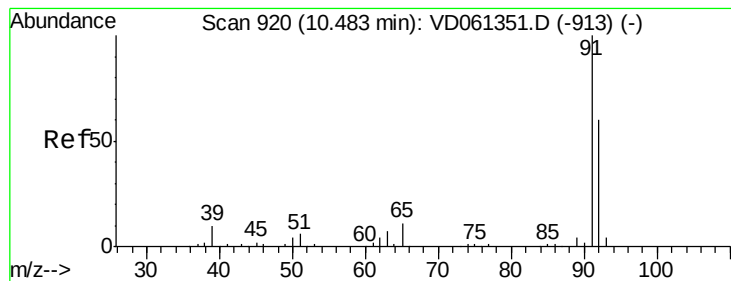
Tot Ion:113 Resp: 272477
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.0 121.6
 192 17.1 14.4 21.6



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.03 min
 Lab File: VD061528.D
 Acq: 2 Apr 2019 21:39

Tgt Ion: 98 Resp: 429294
 Ion Ratio Lower Upper
 98 100
 100 70.1 56.2 84.2





#52

Toluene

Concen: 1.127 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.02 min

Lab File: VD061528.D

Acq: 2 Apr 2019 21:39

Instrument :

MSVOA_D

ClientSampleId :

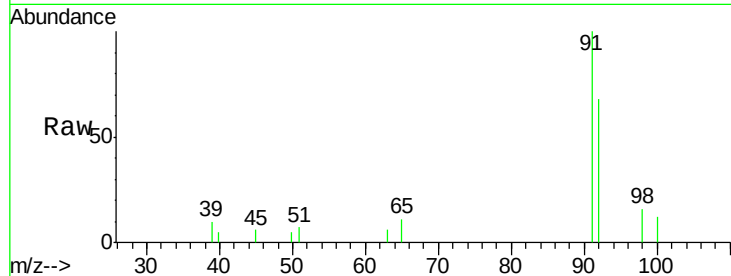
BELT-PARKWAY-STAGING-YARD-3

Tot Ion: 92 Resp: 9213

Ion Ratio Lower Upper

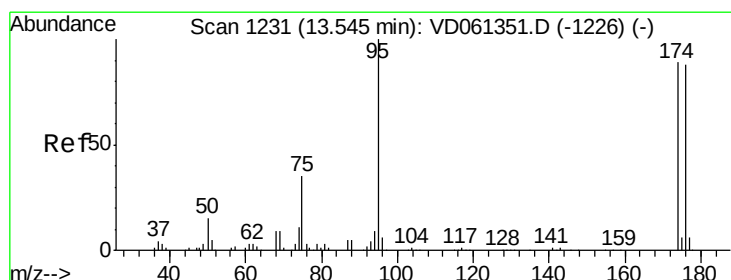
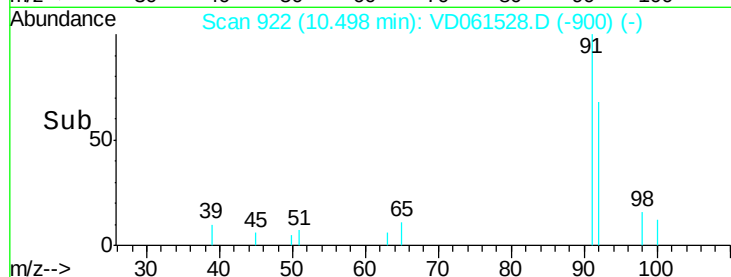
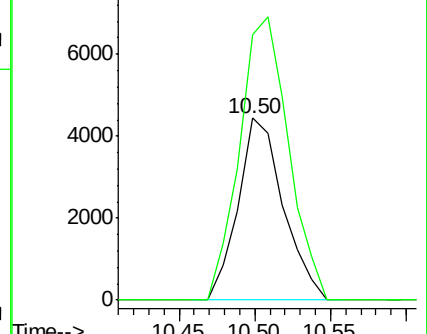
92 100

91 146.2 133.3 199.9



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: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061528.D

Acq: 2 Apr 2019 21:39

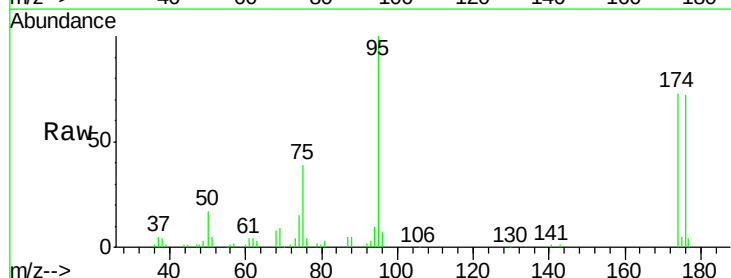
Tgt Ion: 95 Resp: 102844

Ion Ratio Lower Upper

95 100

174 72.8 0.0 178.0

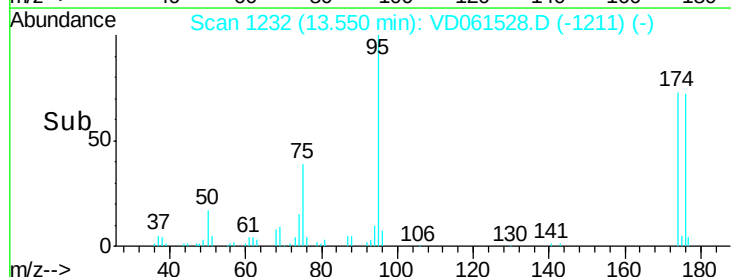
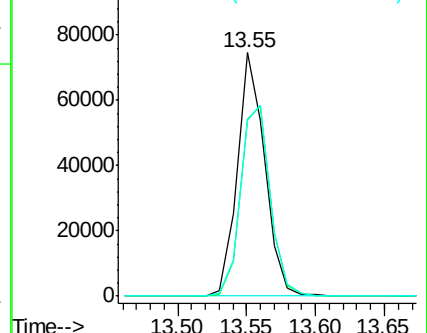
176 71.9 0.0 175.0

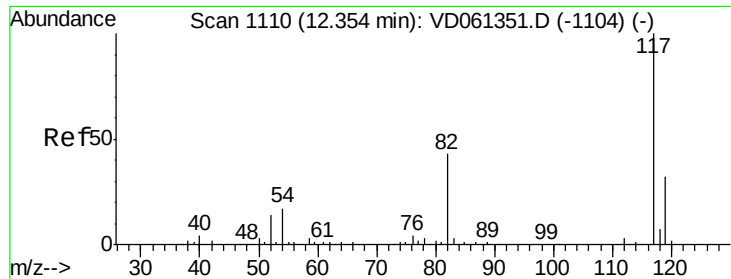


Abundance Ion 95.00 (94.70 to 95.70): VDC

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. 0.02 min

Lab File: VD061528.D

Acq: 2 Apr 2019 21:39

Instrument :

MSVOA_D

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

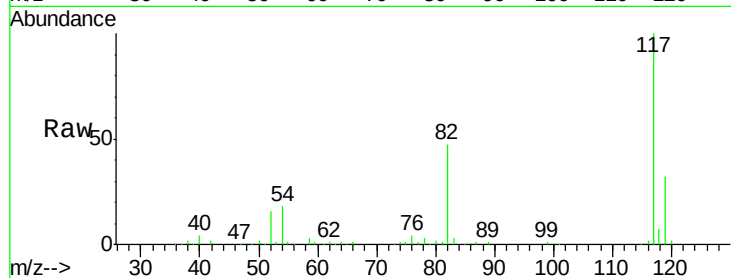
Tot Ion:117 Resp: 317395

Ion Ratio Lower Upper

117 100

82 46.9 34.4 51.6

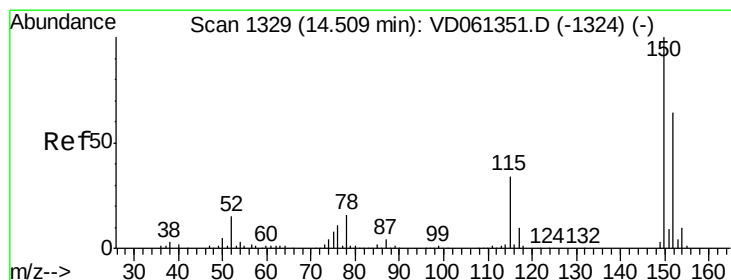
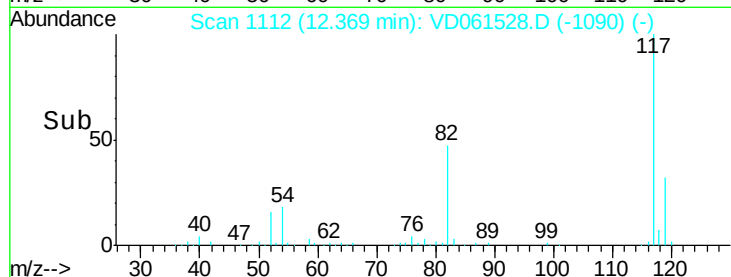
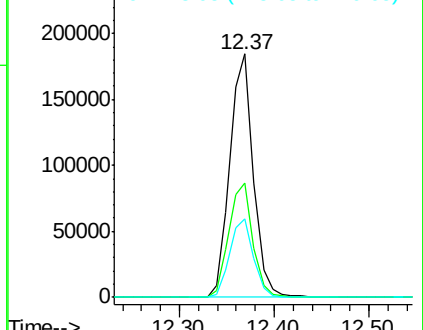
119 32.2 25.8 38.6



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# 1330

Delta R.T. 0.01 min

Lab File: VD061528.D

Acq: 2 Apr 2019 21:39

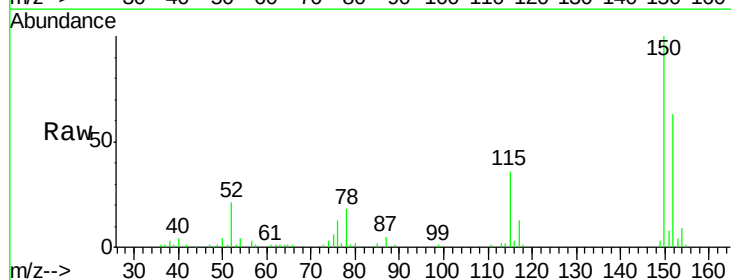
Tgt Ion:152 Resp: 75566

Ion Ratio Lower Upper

152 100

115 57.0 26.9 80.6

150 158.9 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

