

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061560.D
 Acq On : 3 Apr 2019 17:21
 Operator : VA/AP
 Sample : K2186-19RE
 Misc : 5.46g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 04 02:42:41 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

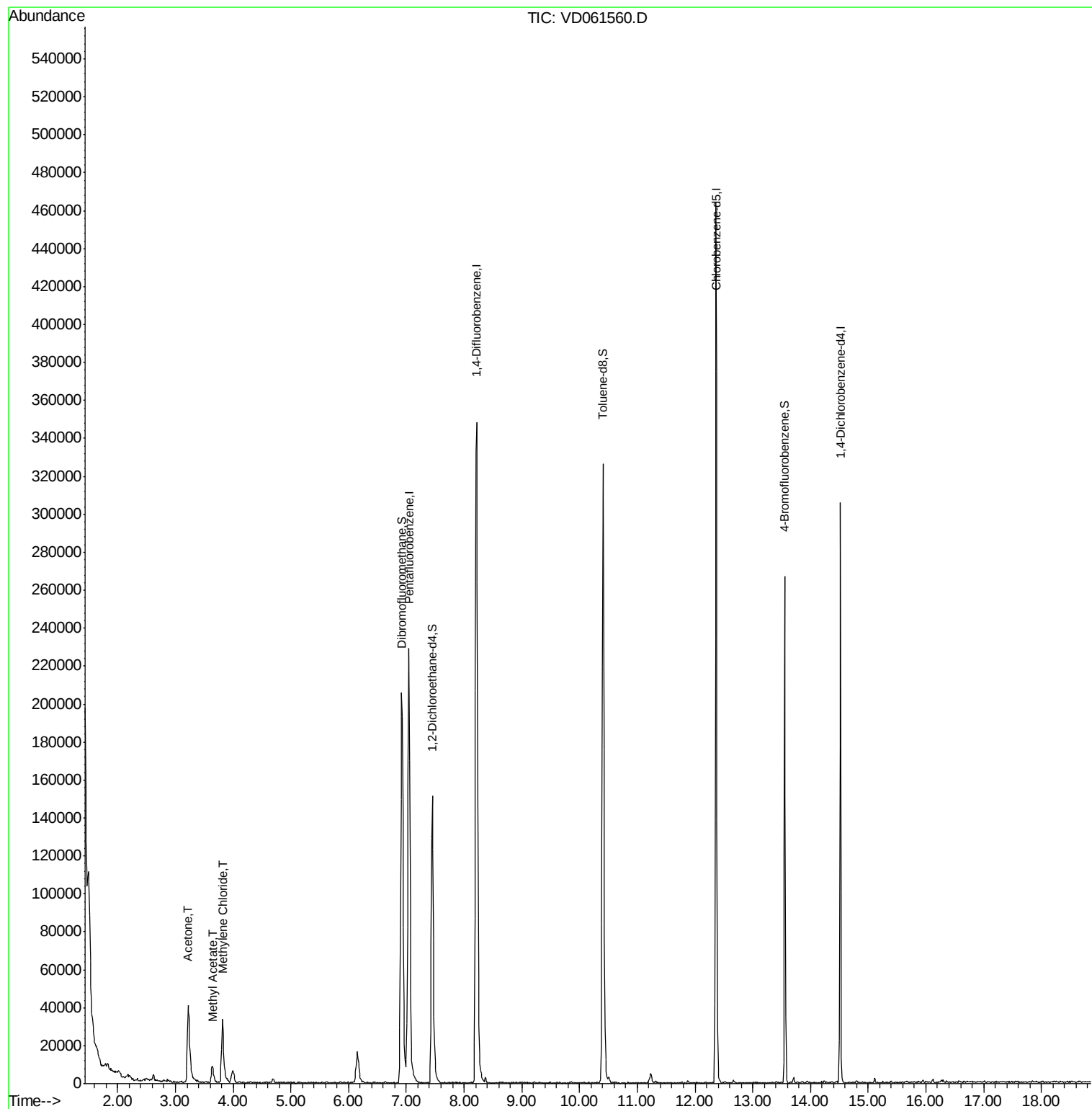
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	241070	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	447948	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	292094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	67543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	143016	69.45	ug/l	0.02
Spiked Amount 50.000			Recovery	=	138.90%	
35) Dibromofluoromethane	6.92	113	194153	56.72	ug/l	0.02
Spiked Amount 50.000			Recovery	=	113.44%	
50) Toluene-d8	10.40	98	293778	35.78	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.56%	
62) 4-Bromofluorobenzene	13.55	95	79475	25.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.48%	
Target Compounds						
16) Acetone	3.22	43	80791	152.614	ug/l	99
18) Methyl Acetate	3.64	43	16469	14.796	ug/l	97
20) Methylene Chloride	3.82	84	25725	7.024	ug/l	93

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

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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# 571

Delta R.T. 0.03 min

Lab File: VD061560.D

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Instrument :

MSVOA_D

ClientSampleId :

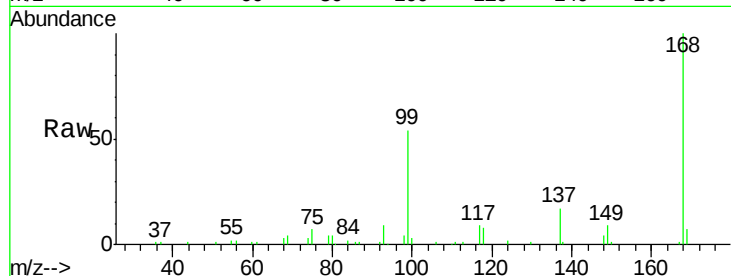
BELT-PARKWAY-STAGING-YARD-3

Tot Ion:168 Resp: 241070

Ion Ratio Lower Upper

168 100

99 53.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

80000

60000

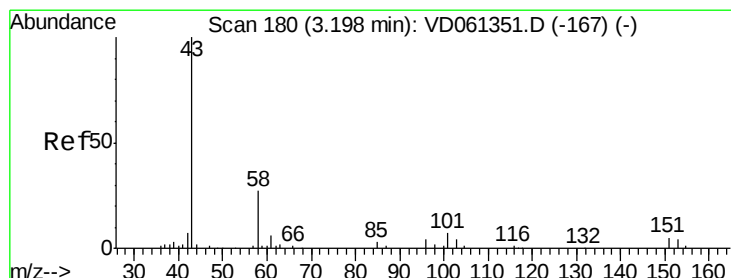
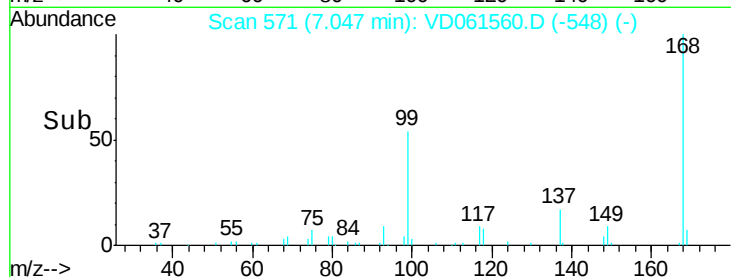
40000

20000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 152.614 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061560.D

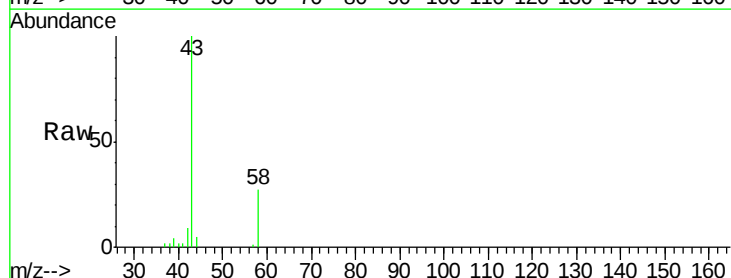
Acq: 3 Apr 2019 17:21

Tgt Ion: 43 Resp: 80791

Ion Ratio Lower Upper

43 100

58 27.2 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

30000

25000

20000

15000

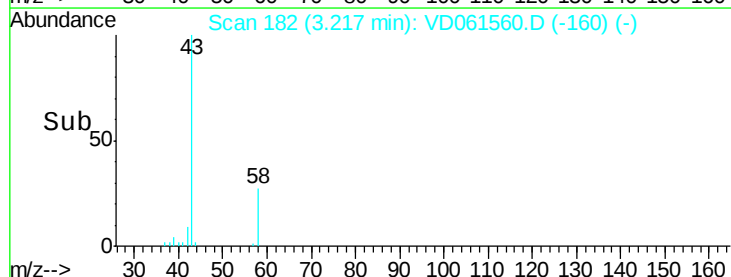
10000

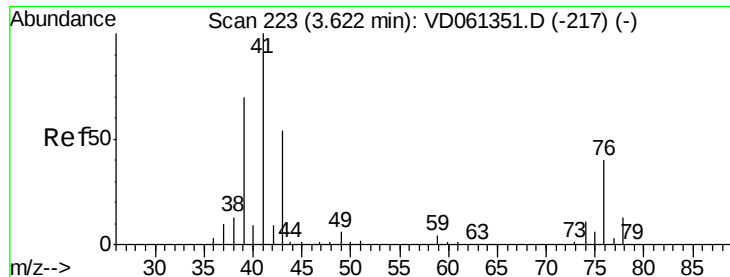
5000

0

Time-->

3.10 3.20 3.30 3.40

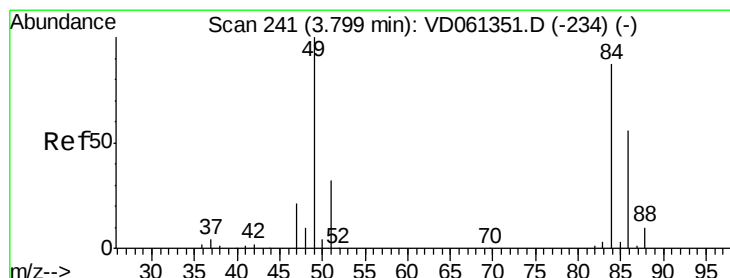
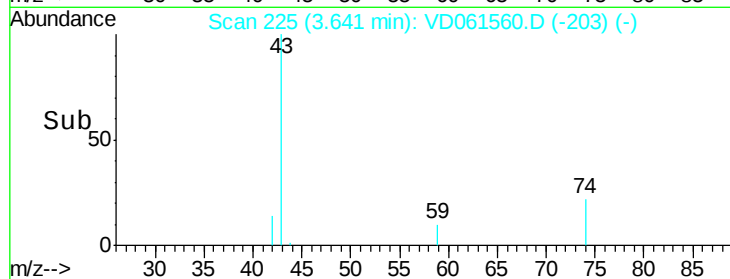
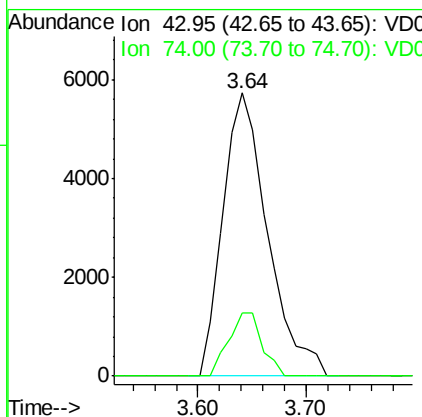
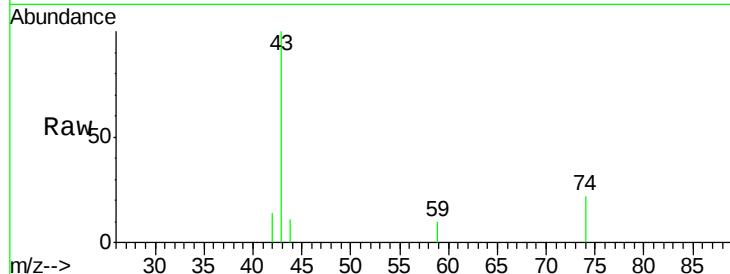




#18
Methyl Acetate
Concen: 14.796 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

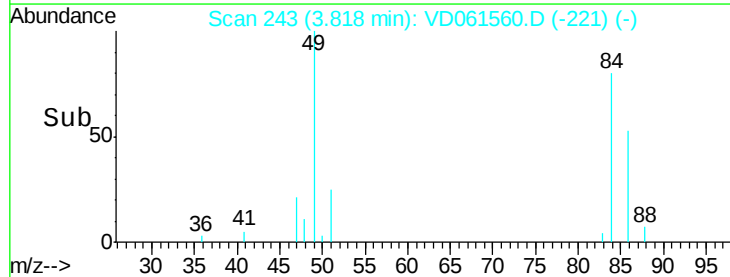
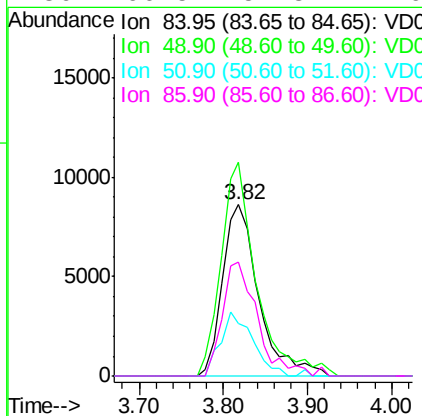
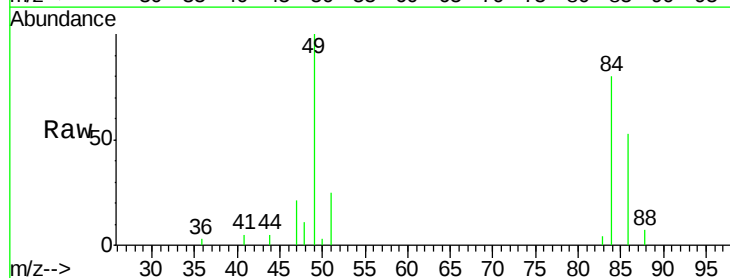
Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

Tot Ion: 43 Resp: 16469
Ion Ratio Lower Upper
43 100
74 22.3 16.7 25.1



#20
Methylene Chloride
Concen: 7.024 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Tgt Ion: 84 Resp: 25725
Ion Ratio Lower Upper
84 100
49 125.0 91.8 137.8
51 30.9 29.8 44.8
86 66.5 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061560.D

Acq: 3 Apr 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

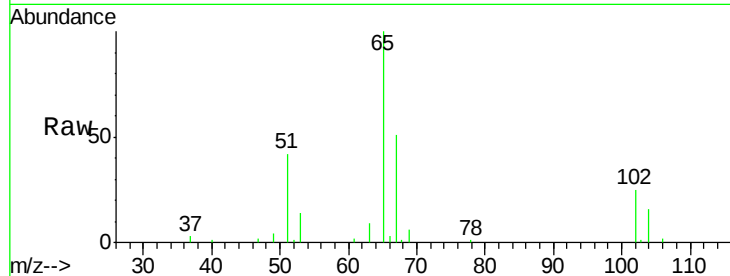
BELT-PARKWAY-STAGING-YARD-3

Tot Ion: 65 Resp: 143016

Ion Ratio Lower Upper

65 100

67 51.0 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

60000

50000

40000

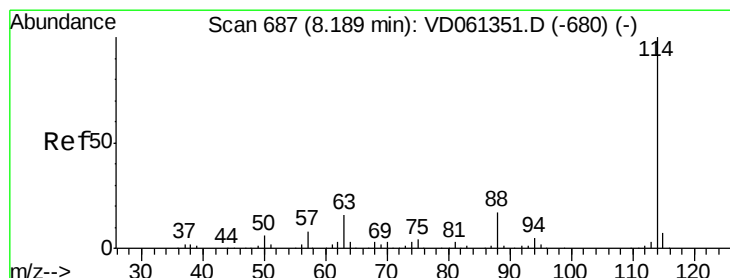
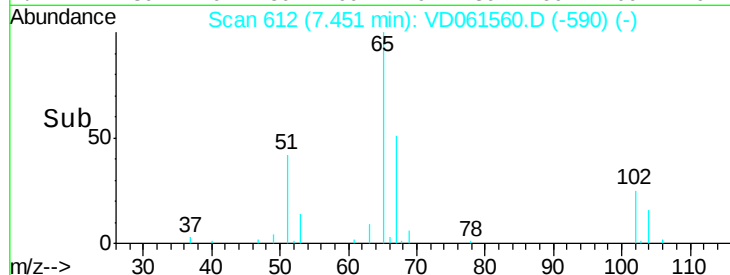
30000

20000

10000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD061560.D

Acq: 3 Apr 2019 17:21

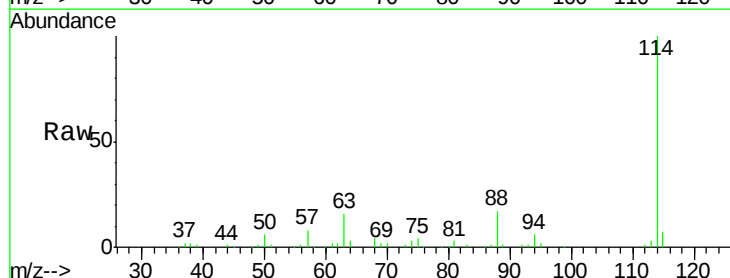
Tgt Ion:114 Resp: 447948

Ion Ratio Lower Upper

114 100

63 15.6 0.0 31.6

88 17.4 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

8.22

200000

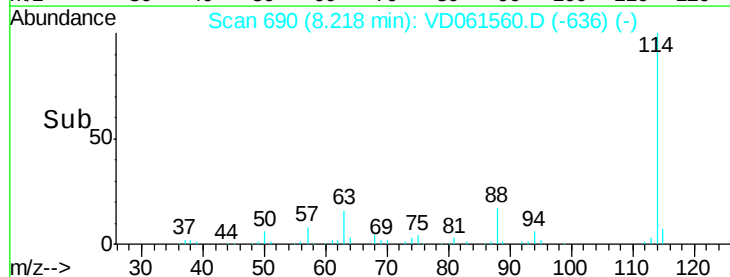
150000

100000

50000

0

Time--> 8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD061560.D

Acq: 3 Apr 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

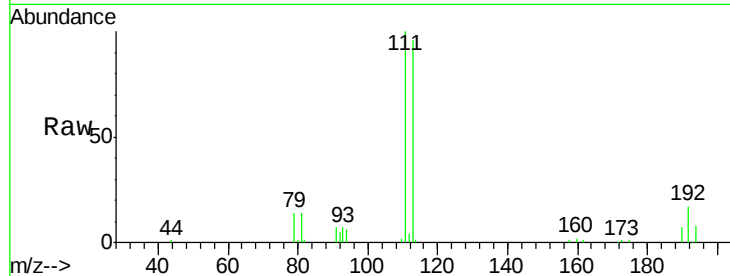
Tot Ion:113 Resp: 194153

Ion Ratio Lower Upper

113 100

111 103.7 81.0 121.6

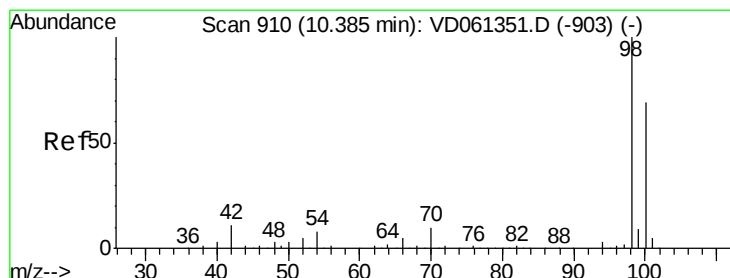
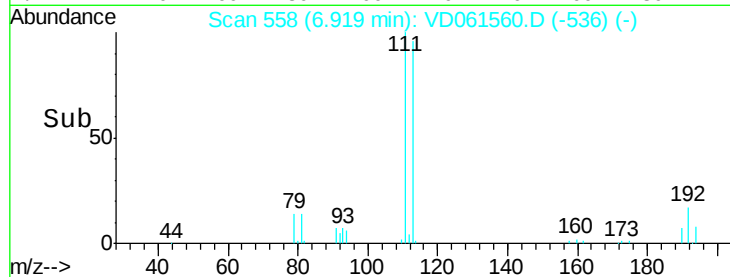
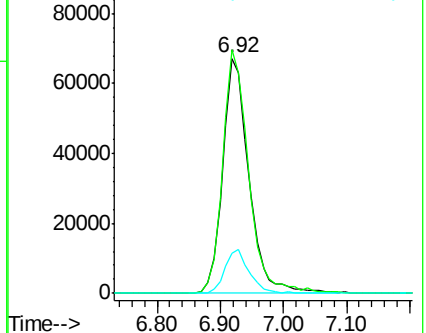
192 17.2 14.4 21.6



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: 10.40 min Scan# 912

Delta R.T. 0.02 min

Lab File: VD061560.D

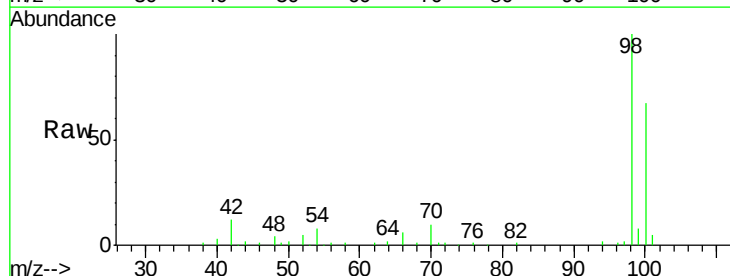
Acq: 3 Apr 2019 17:21

Tgt Ion: 98 Resp: 293778

Ion Ratio Lower Upper

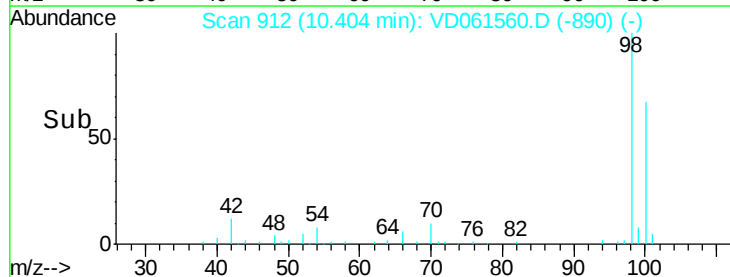
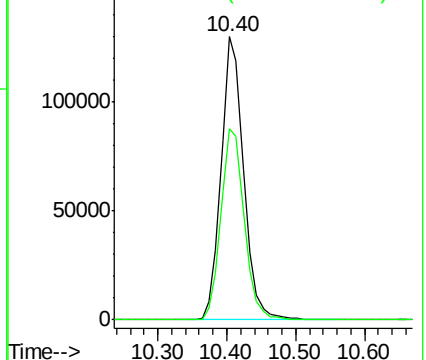
98 100

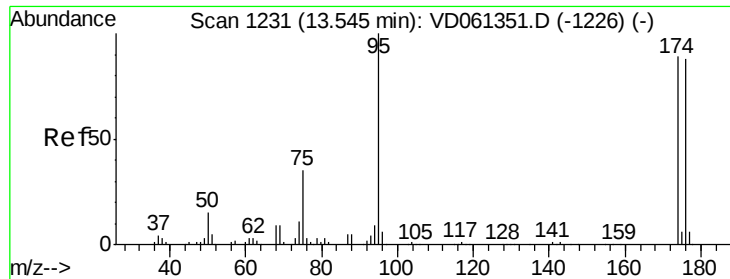
100 67.3 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

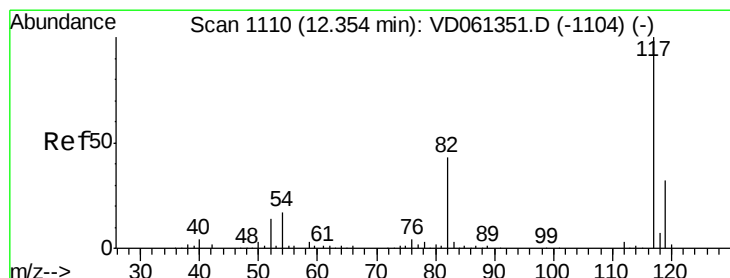
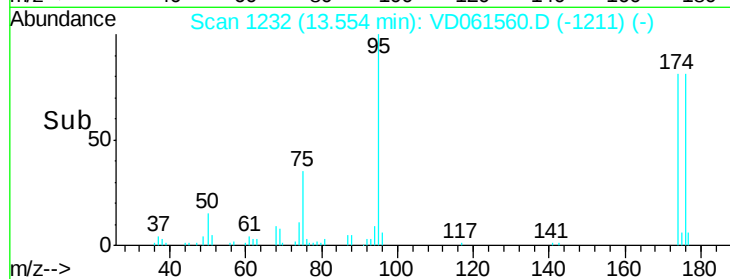
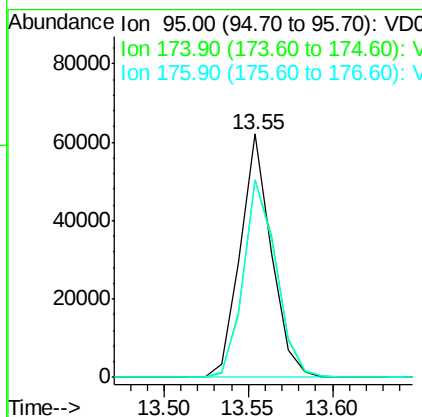
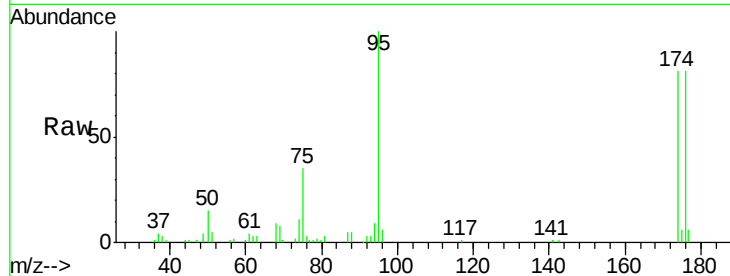




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

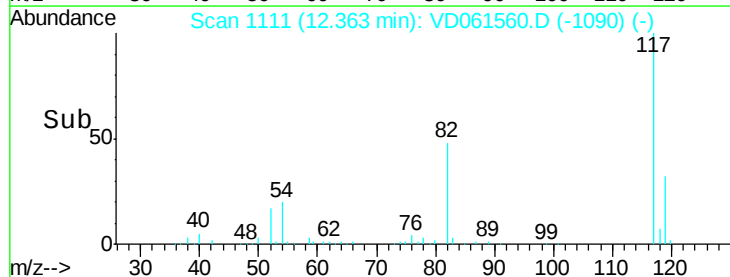
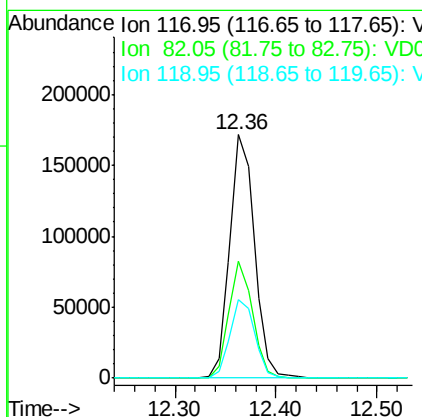
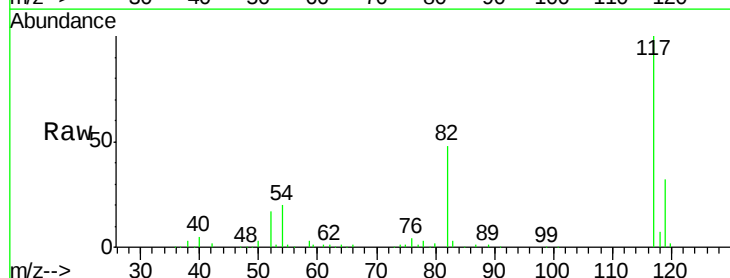
Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

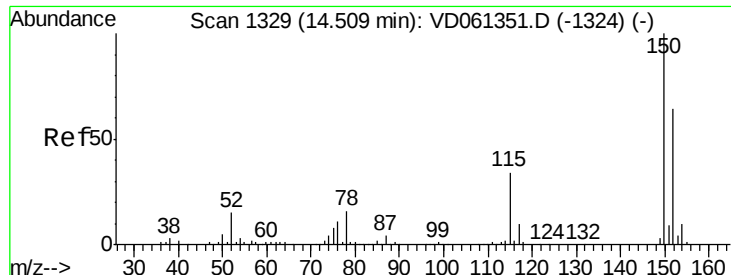
Tot Ion: 95 Resp: 79475
Ion Ratio Lower Upper
95 100
174 81.2 0.0 178.0
176 81.1 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061560.D
Acq: 3 Apr 2019 17:21

Tgt Ion: 117 Resp: 292094
Ion Ratio Lower Upper
117 100
82 48.0 34.4 51.6
119 32.4 25.8 38.6

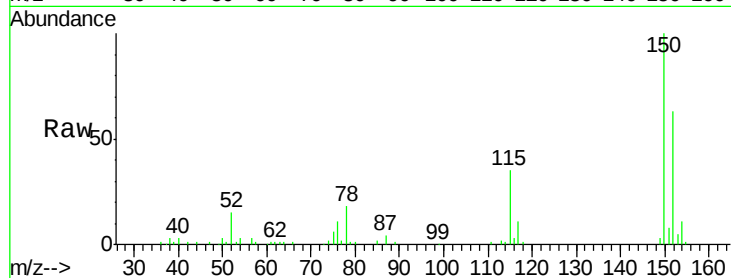




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061560.D
 Acq: 3 Apr 2019 17:21

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

Tot Ion:152 Resp: 67543
 Ion Ratio Lower Upper
 152 100
 115 54.9 26.9 80.6
 150 157.6 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

