

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061487.D
 Acq On : 1 Apr 2019 23:50
 Operator : VA/AP
 Sample : K2186-15
 Misc : 5.22g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-2

Quant Time: Apr 02 06:39:21 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

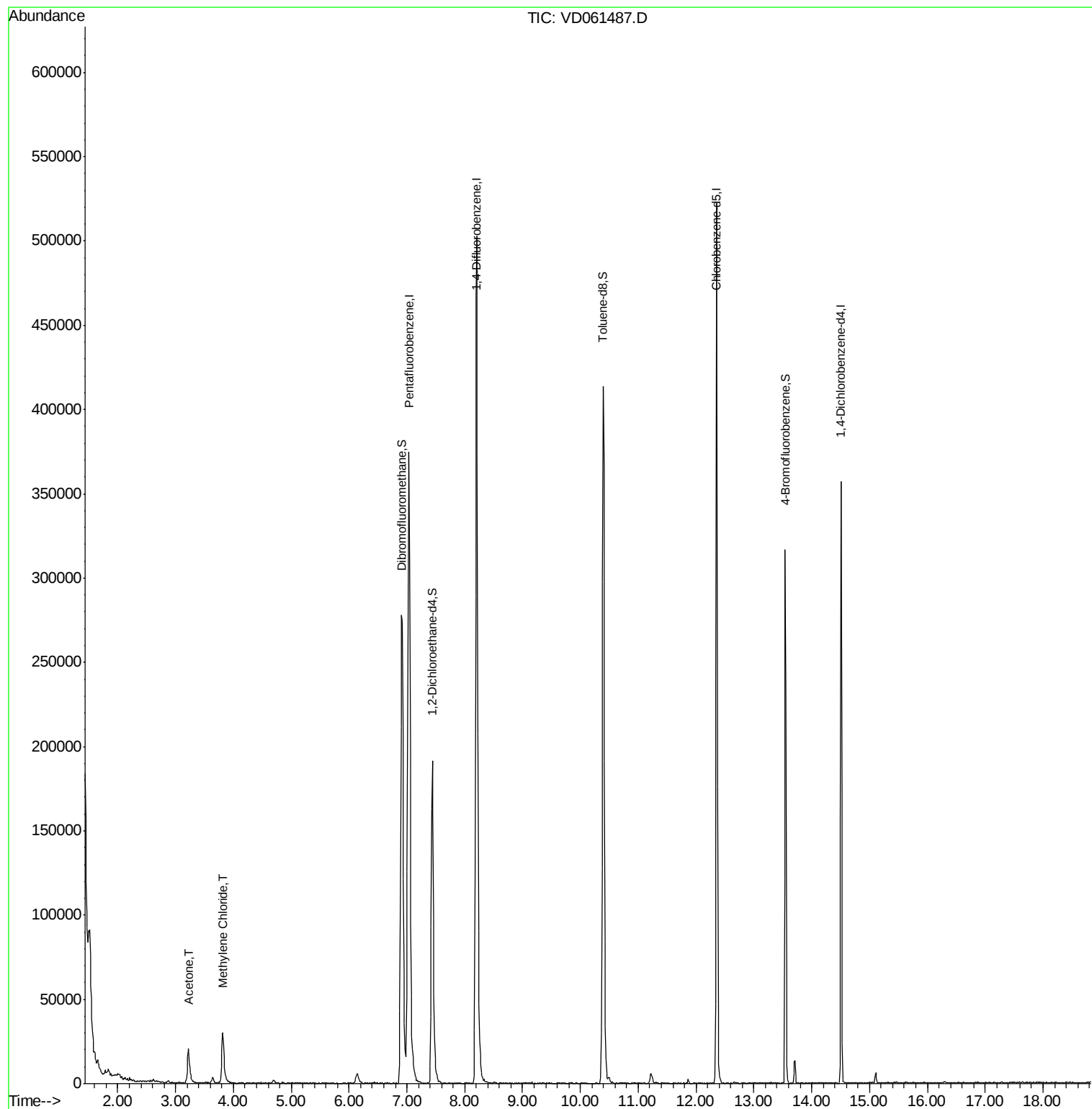
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	393932	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	626760	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.35	117	330457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	78480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	197135	58.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.16%	
35) Dibromofluoromethane	6.92	113	281655	58.81	ug/l	0.02
Spiked Amount 50.000			Recovery	=	117.62%	
50) Toluene-d8	10.39	98	361281	31.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.90%	
62) 4-Bromofluorobenzene	13.54	95	99081	22.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.98%	
Target Compounds						
16) Acetone	3.23	43	42640	49.291	ug/l	99
20) Methylene Chloride	3.81	84	25976	3.578	ug/l	98

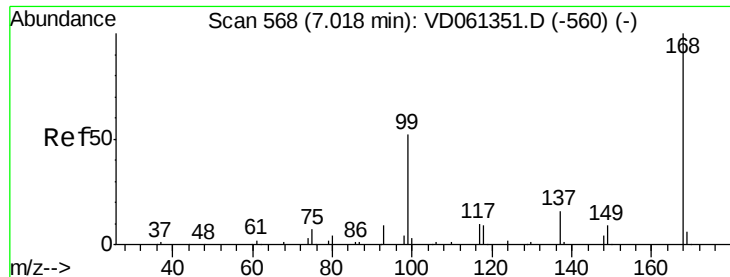
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061487.D

Acq: 1 Apr 2019 23:50

Instrument :

MSVOA_D

ClientSampleId :

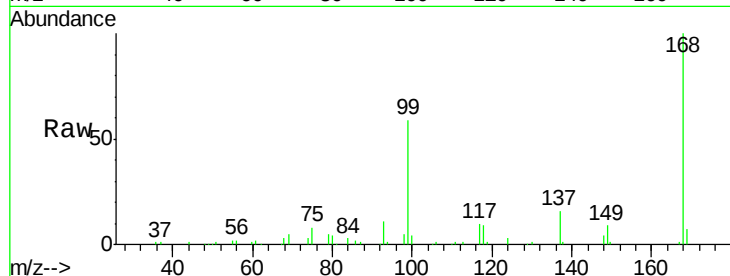
BELT-PARKWAY-STAGING-YARD-2

Tot Ion:168 Resp: 393932

Ion Ratio Lower Upper

168 100

99 58.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

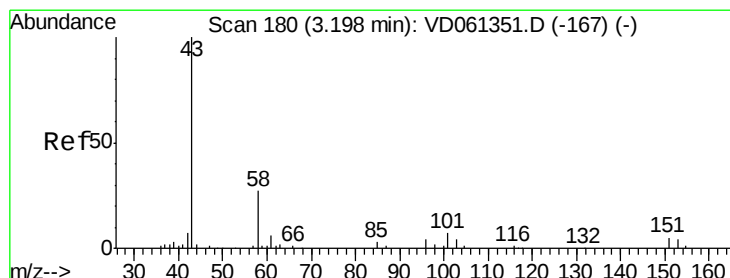
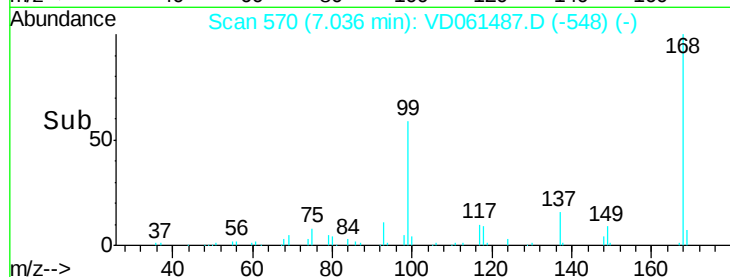
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 49.291 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061487.D

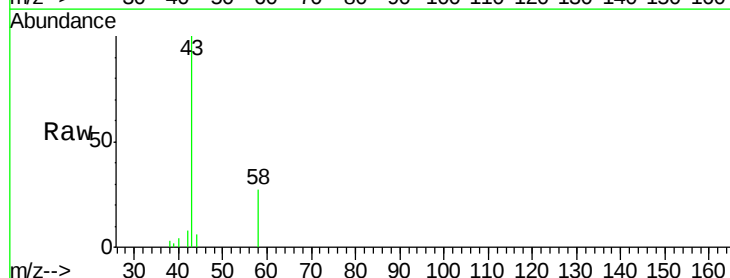
Acq: 1 Apr 2019 23:50

Tgt Ion: 43 Resp: 42640

Ion Ratio Lower Upper

43 100

58 27.3 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

15000

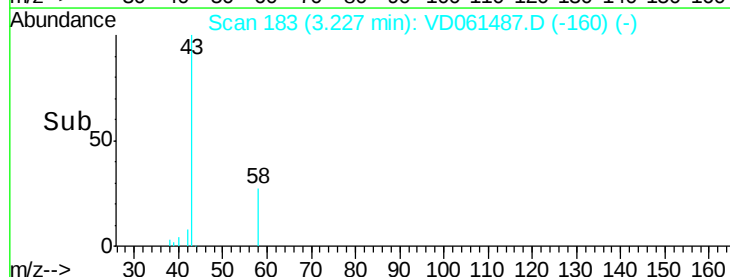
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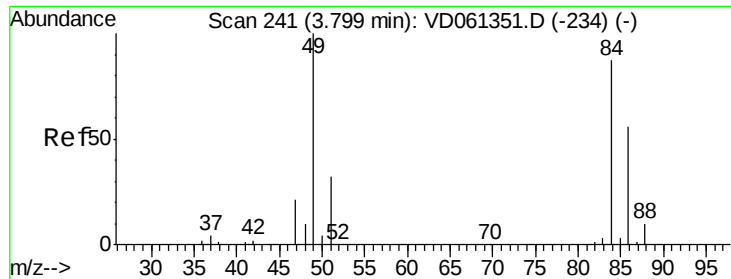
5000

0

3.10 3.20 3.30 3.40

Time-->

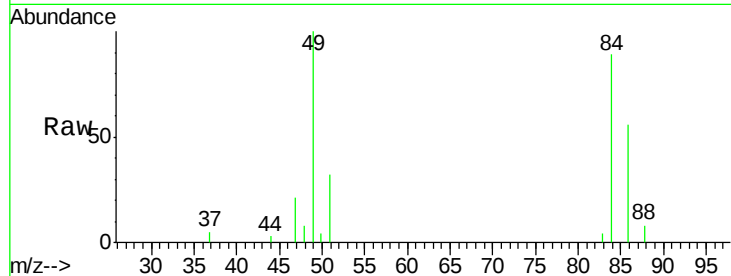




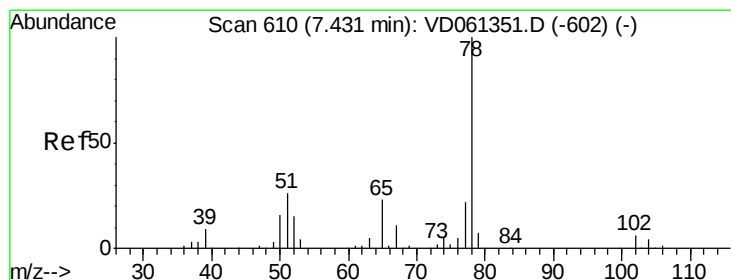
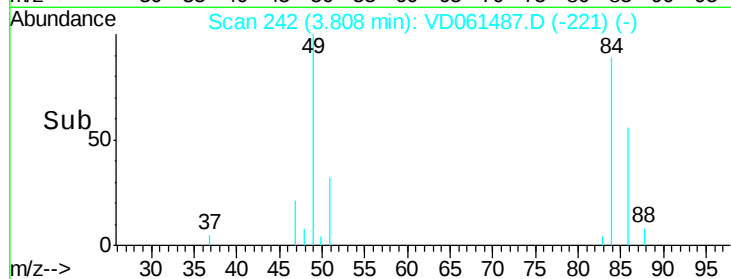
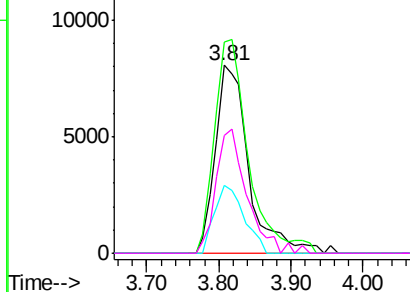
#20
Methvlene Chloride
Concen: 3.578 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD061487.D
Acq: 1 Apr 2019 23:50

Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-2

Tot Ion: 84 Resp: 25976
Ion Ratio Lower Upper
84 100
49 112.6 91.8 137.8
51 35.9 29.8 44.8
86 62.7 51.8 77.6

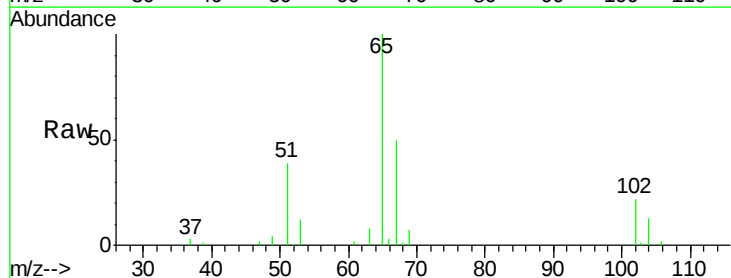


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

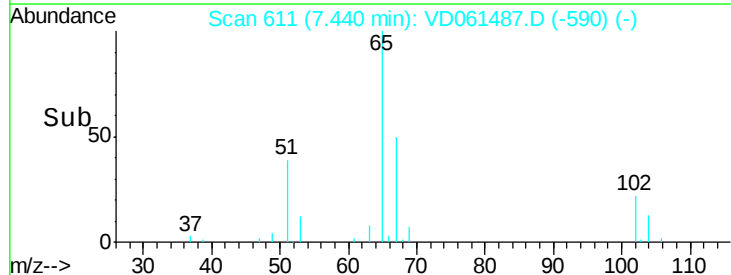
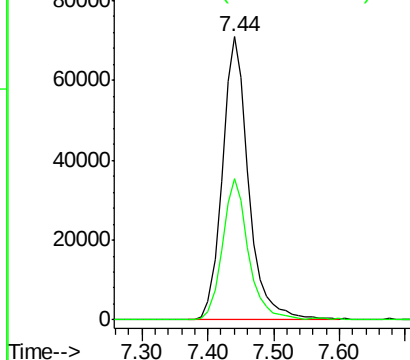


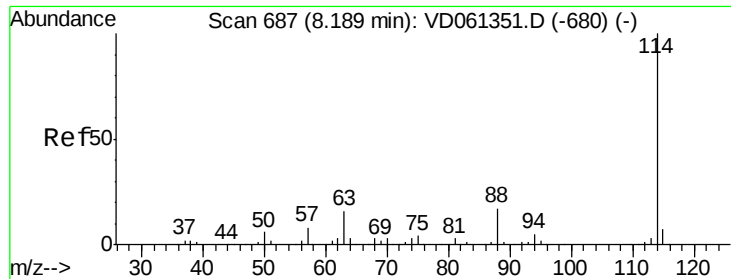
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.01 min
Lab File: VD061487.D
Acq: 1 Apr 2019 23:50

Tgt Ion: 65 Resp: 197135
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

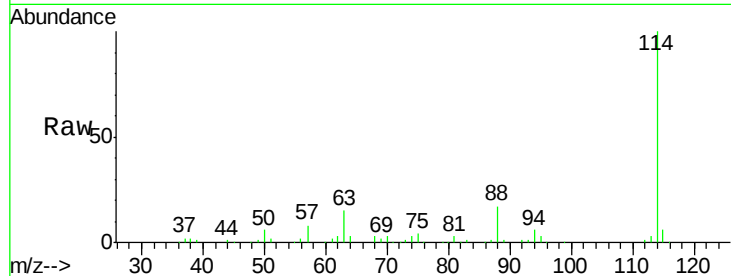




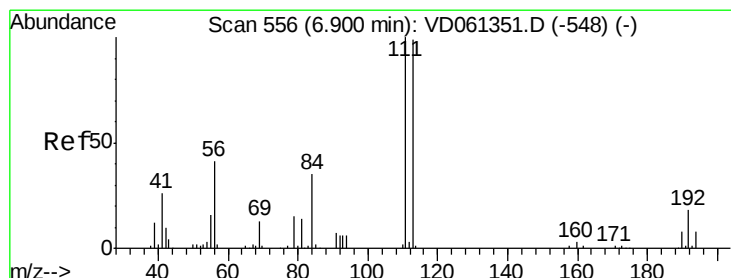
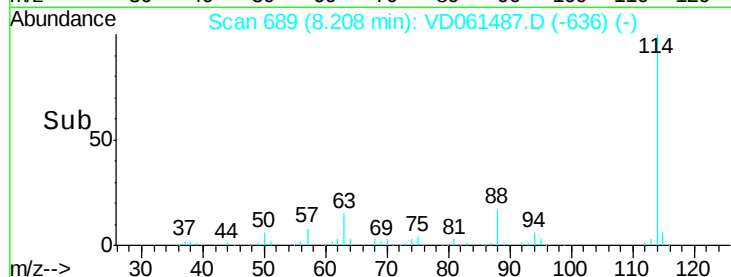
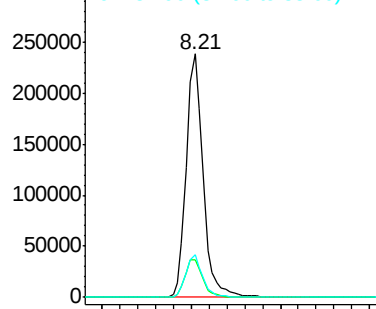
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061487.D
 Acq: 1 Apr 2019 23:50

Instrument :
 MSVOA_D
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-2

Tot Ion:114 Resp: 626760
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.6
 88 17.4 0.0 33.4

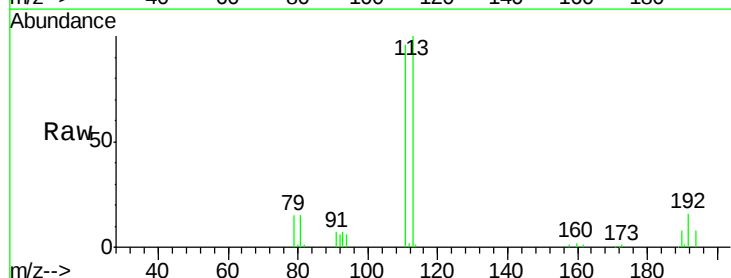


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

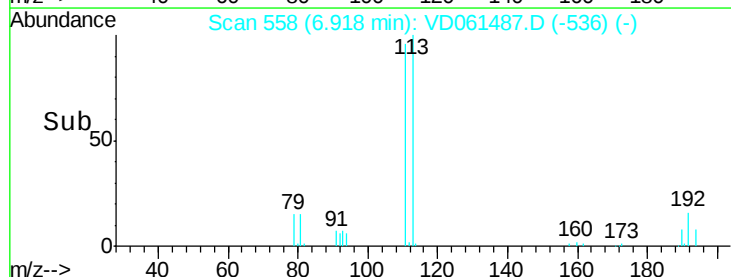
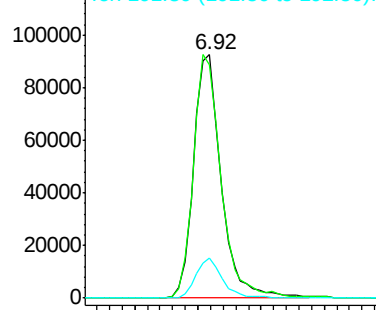


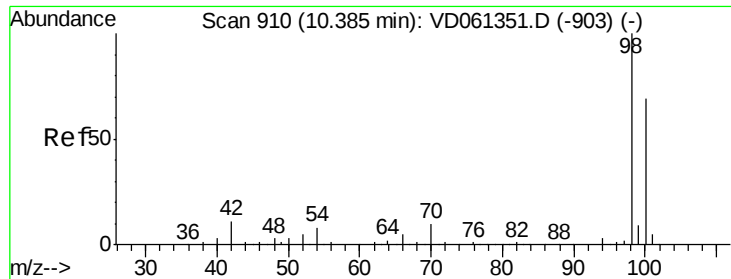
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061487.D
 Acq: 1 Apr 2019 23:50

Tgt Ion:113 Resp: 281655
 Ion Ratio Lower Upper
 113 100
 111 96.2 81.0 121.6
 192 16.3 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

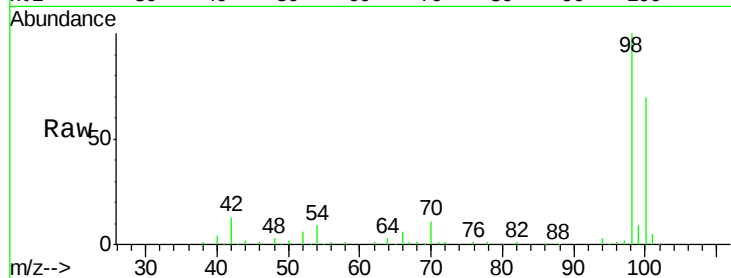




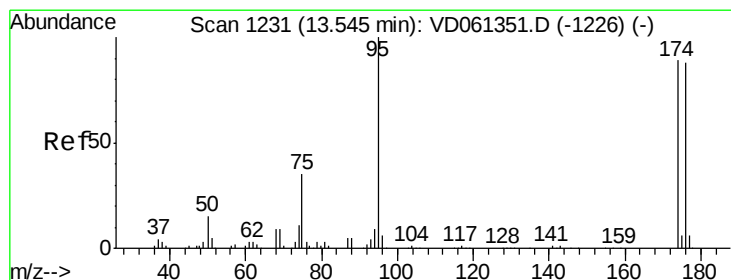
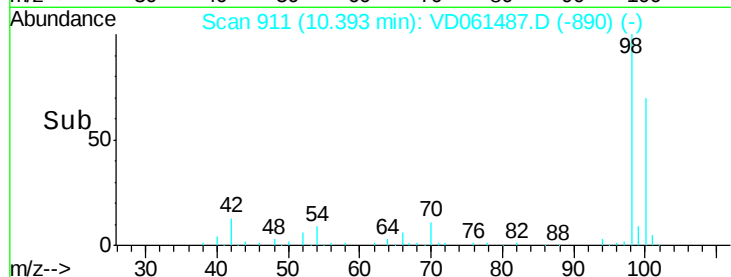
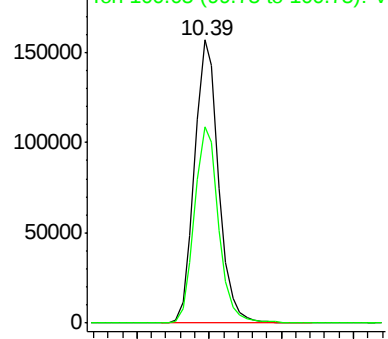
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061487.D
Acq: 1 Apr 2019 23:50

Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-2

Tot Ion: 98 Resp: 361281
Ion Ratio Lower Upper
98 100
100 69.5 56.2 84.2

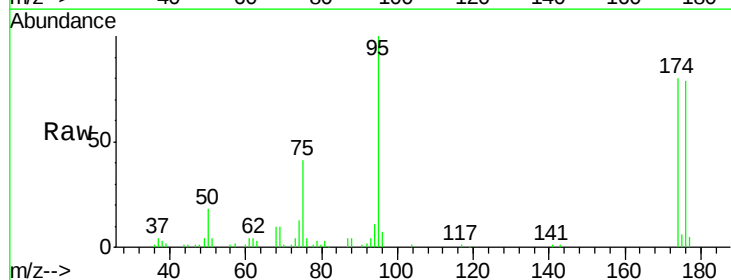


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

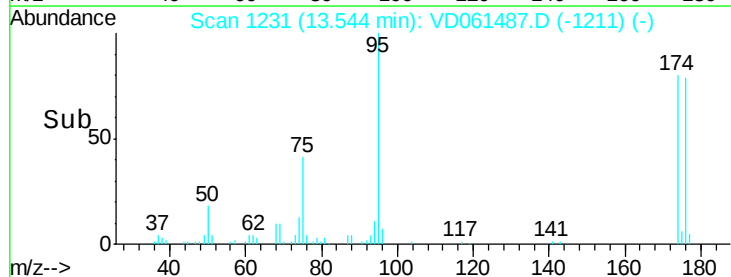
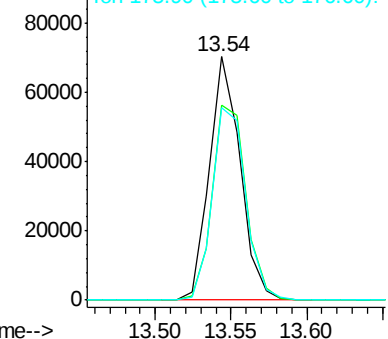


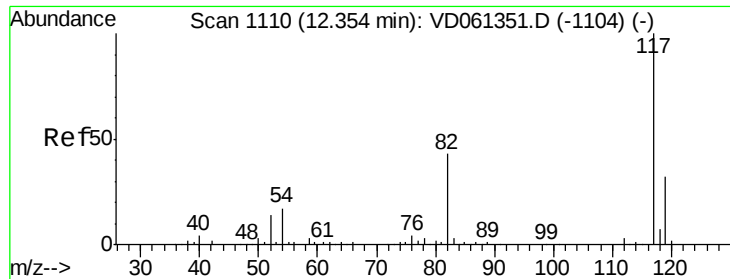
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061487.D
Acq: 1 Apr 2019 23:50

Tgt Ion: 95 Resp: 99081
Ion Ratio Lower Upper
95 100
174 80.0 0.0 178.0
176 79.0 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

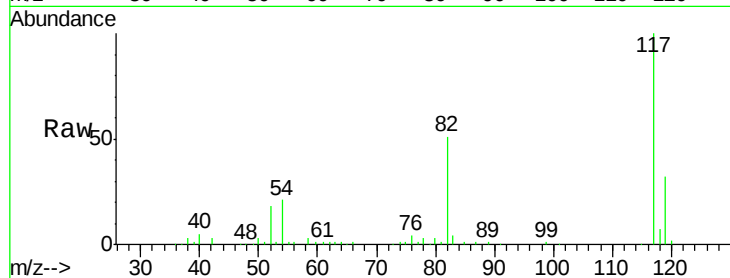




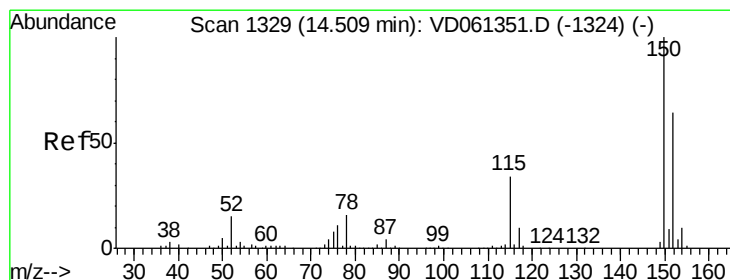
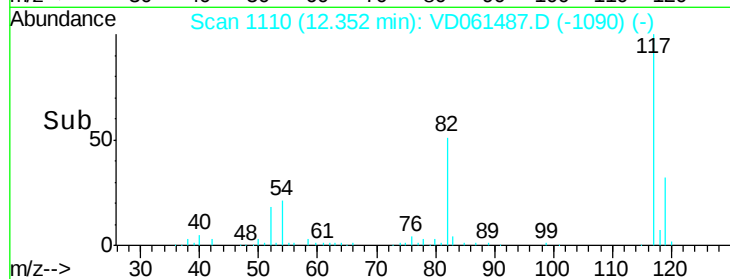
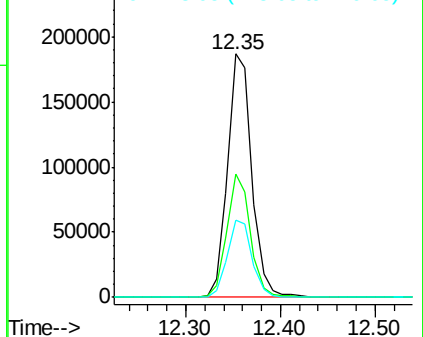
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VD061487.D
 Acq: 1 Apr 2019 23:50

Instrument :
 MSVOA_D
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-2

Tot Ion:117 Resp: 330457
 Ion Ratio Lower Upper
 117 100
 82 50.5 34.4 51.6
 119 31.6 25.8 38.6

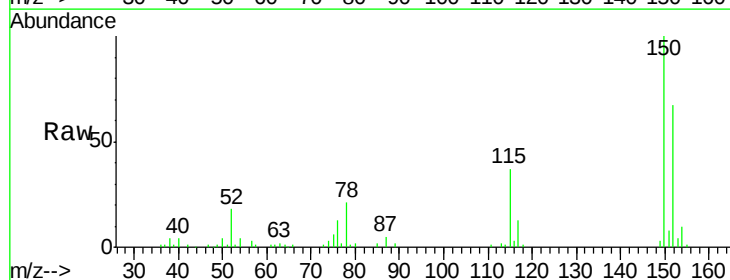


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD061487.D
 Acq: 1 Apr 2019 23:50

Tgt Ion:152 Resp: 78480
 Ion Ratio Lower Upper
 152 100
 115 55.8 26.9 80.6
 150 148.8 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

