

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061473.D
 Acq On : 1 Apr 2019 17:24
 Operator : VA/AP
 Sample : K2178-08
 Misc : 5.28g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-17

Quant Time: Apr 02 02:02:57 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

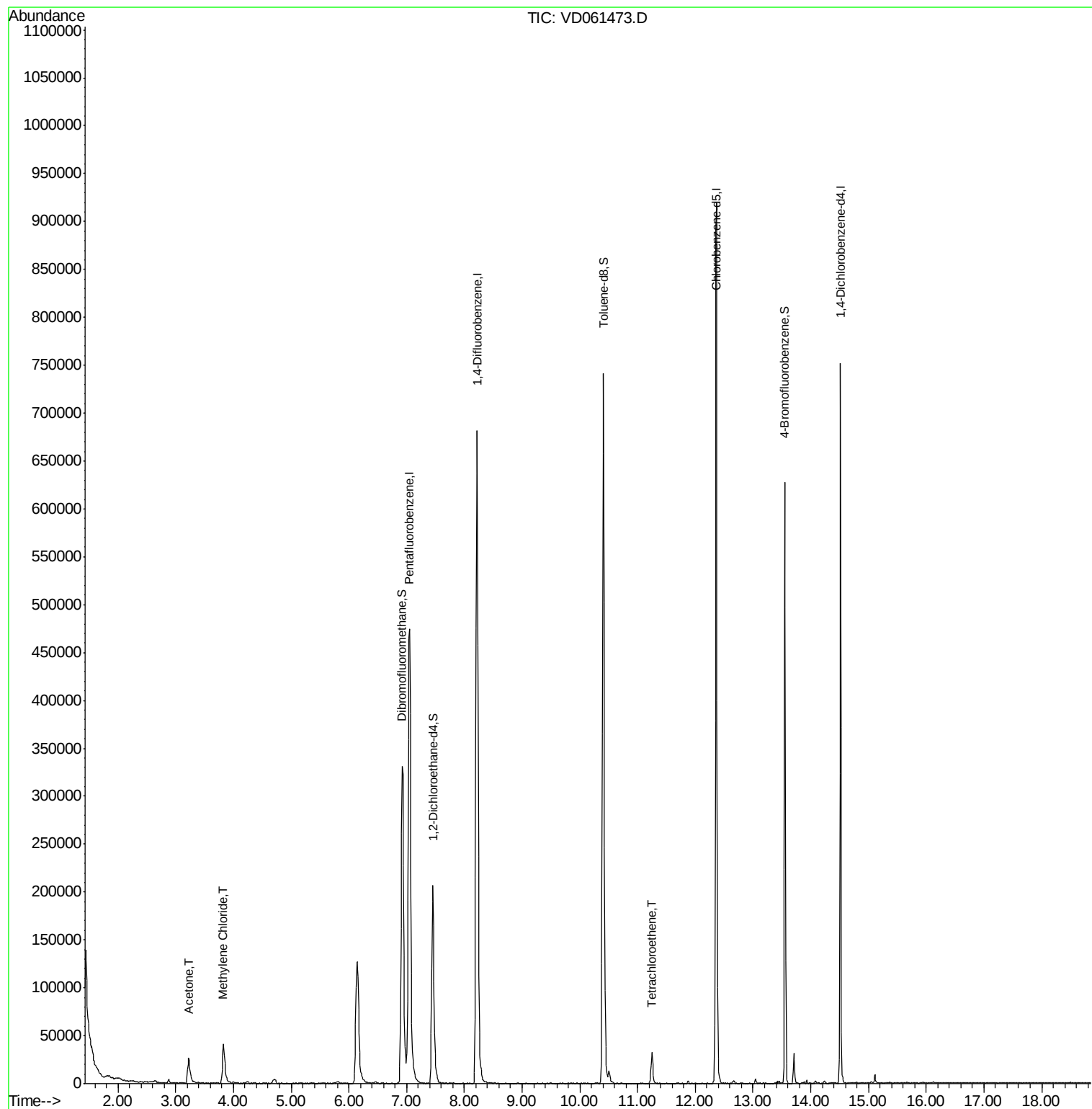
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	528560	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	885682	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	627689	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	166876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	205656	45.55	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.10%	
35) Dibromofluoromethane	6.92	113	337854	49.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.41	98	657929	40.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.06%	
62) 4-Bromofluorobenzene	13.55	95	201087	32.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.60%	
Target Compounds						
16) Acetone	3.22	43	58821	50.677	ug/l	92
20) Methylene Chloride	3.82	84	33358	3.338	ug/l	88
64) Tetrachloroethene	11.25	164	9537	1.936	ug/l	94

(#) = 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# 572

Delta R.T. 0.03 min

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Acq: 1 Apr 2019 17:24

Instrument :

MSVOA_D

ClientSampleId :

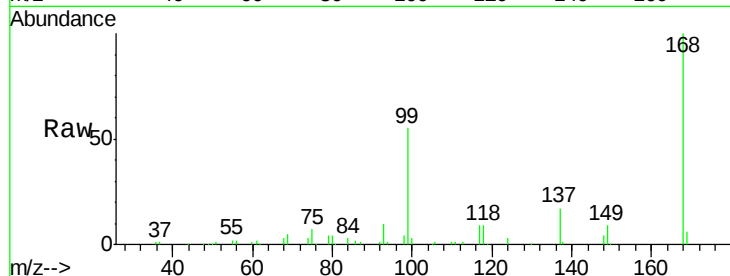
VOC-17

Tot Ion:168 Resp: 528560

Ion Ratio Lower Upper

168 100

99 55.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

200000 Ion 98.95 (98.65 to 99.65): VDC

7.05

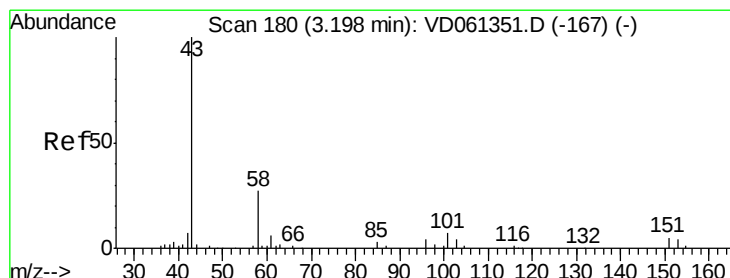
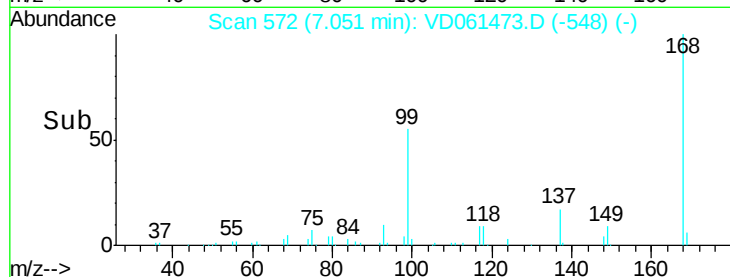
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 50.677 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061473.D

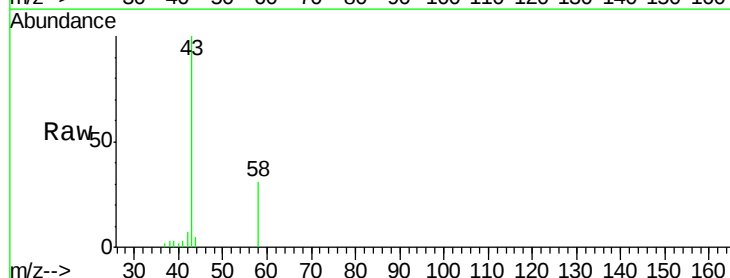
Acq: 1 Apr 2019 17:24

Tgt Ion: 43 Resp: 58821

Ion Ratio Lower Upper

43 100

58 31.0 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

20000 Ion 57.95 (57.65 to 58.65): VDC

3.22

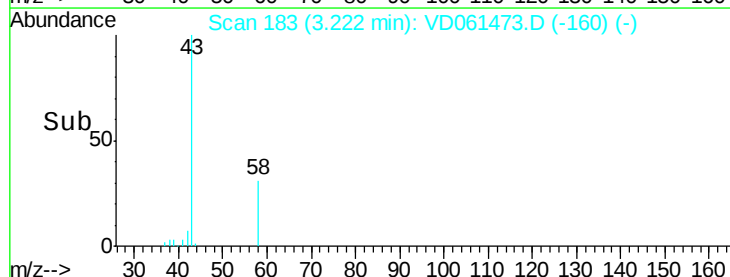
15000

10000

5000

0

Time--> 3.10 3.20 3.30 3.40





#20

Methylene Chloride

Concen: 3.338 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061473.D

Acq: 1 Apr 2019 17:24

Instrument :

MSVOA_D

ClientSampleId :

VOC-17

Tot Ion: 84 Resp: 33358

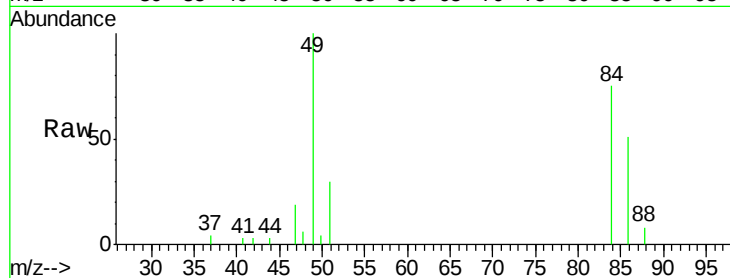
Ion Ratio Lower Upper

84 100

49 134.0 91.8 137.8

51 39.8 29.8 44.8

86 68.5 51.8 77.6

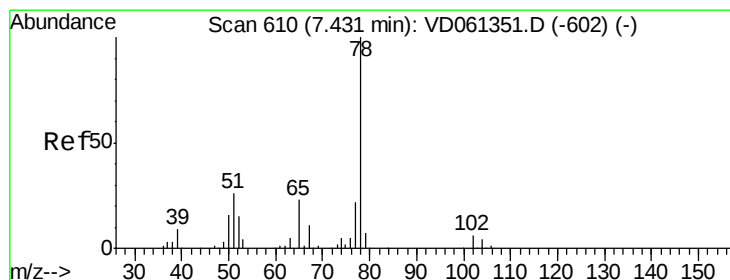
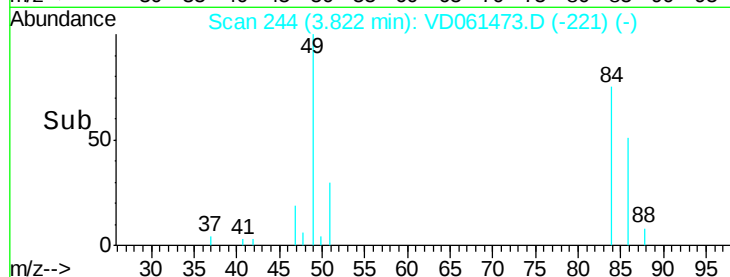
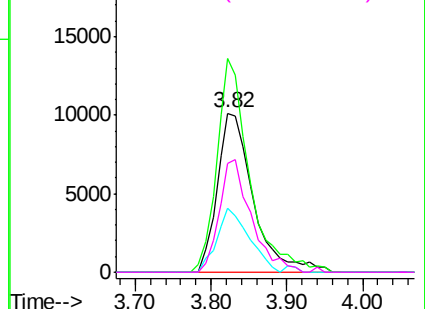


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: VD061473.D

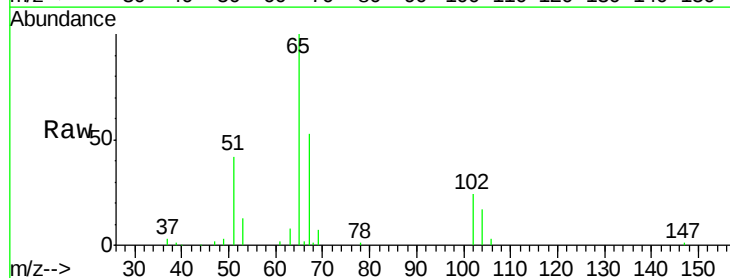
Acq: 1 Apr 2019 17:24

Tgt Ion: 65 Resp: 205656

Ion Ratio Lower Upper

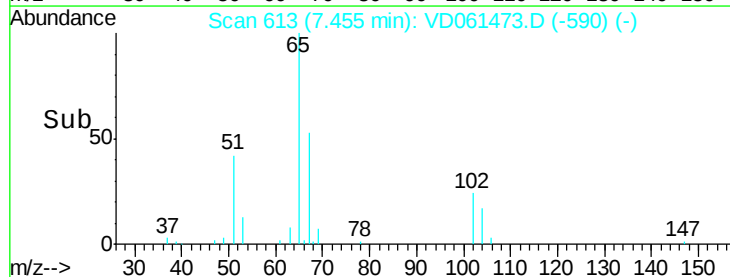
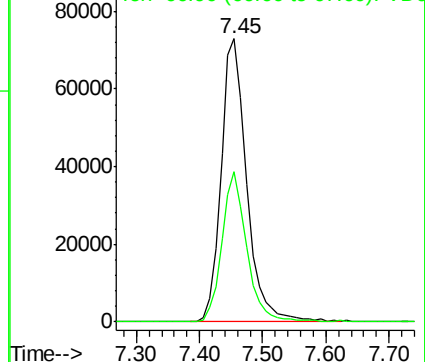
65 100

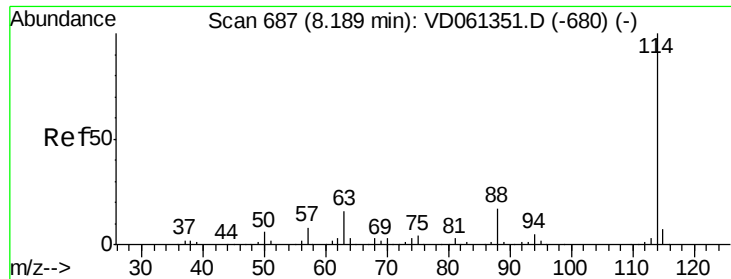
67 53.1 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

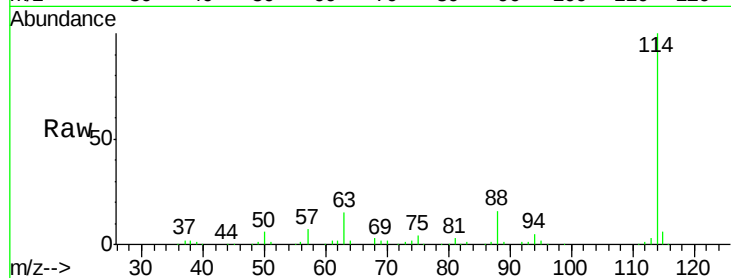




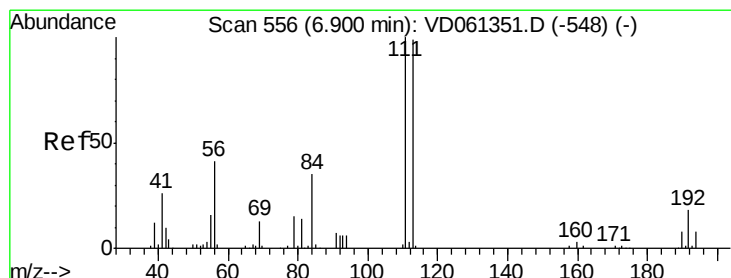
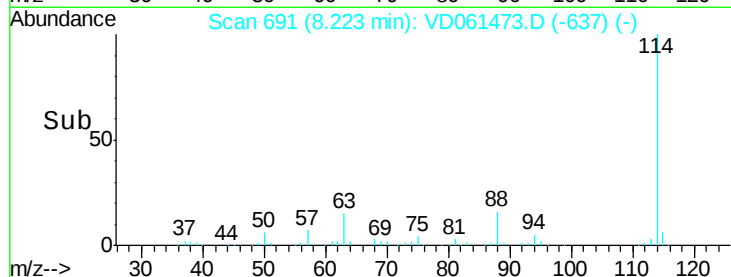
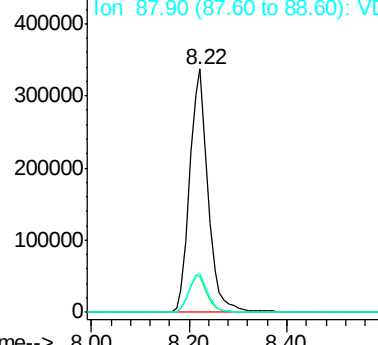
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD061473.D
 Acq: 1 Apr 2019 17:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-17

Tot Ion:114 Resp: 885682
 Ion Ratio Lower Upper
 114 100
 63 14.7 0.0 31.6
 88 15.8 0.0 33.4

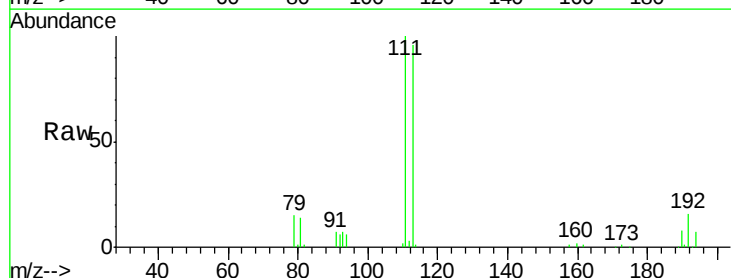


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

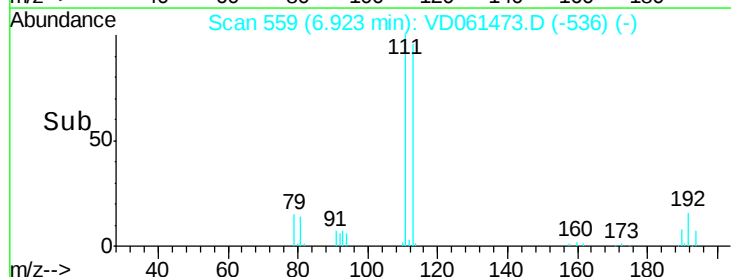
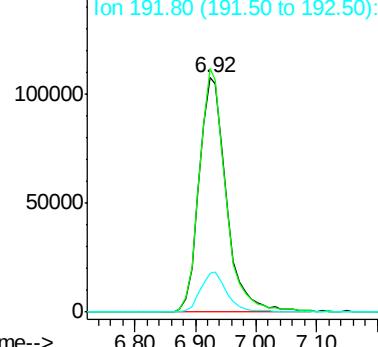


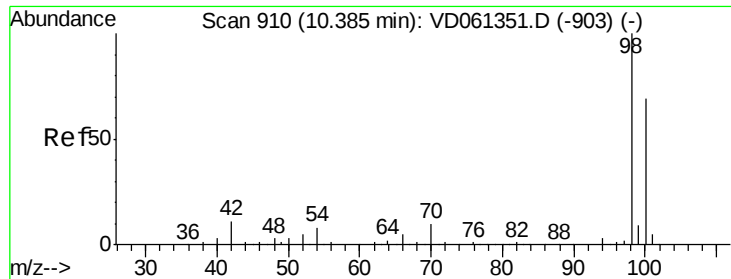
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD061473.D
 Acq: 1 Apr 2019 17:24

Tgt Ion:113 Resp: 337854
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.0 121.6
 192 16.7 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

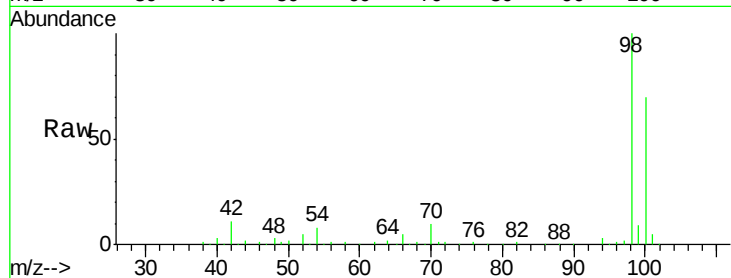




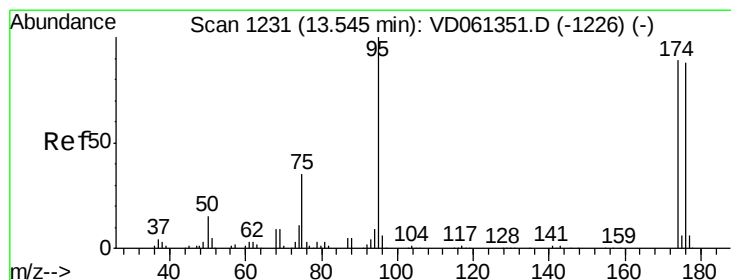
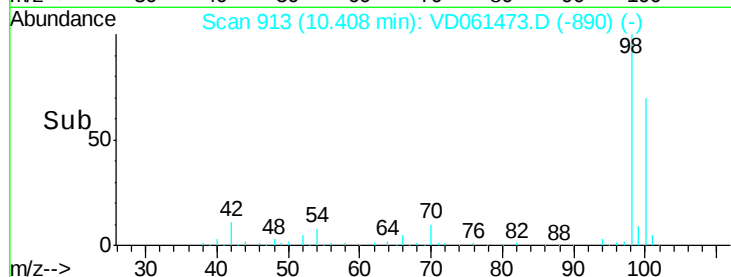
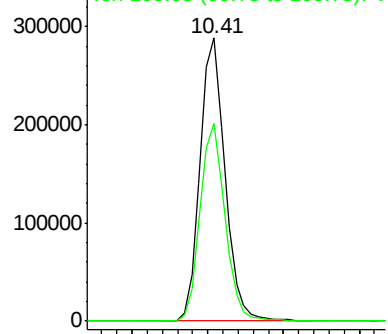
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD061473.D
Acq: 1 Apr 2019 17:24

Instrument :
MSVOA_D
ClientSampleId :
VOC-17

Tot Ion: 98 Resp: 657929
Ion Ratio Lower Upper
98 100
100 69.7 56.2 84.2

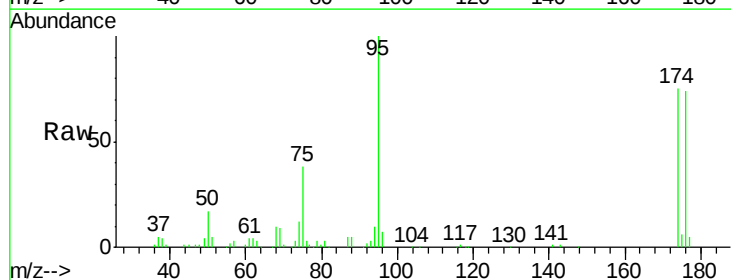


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

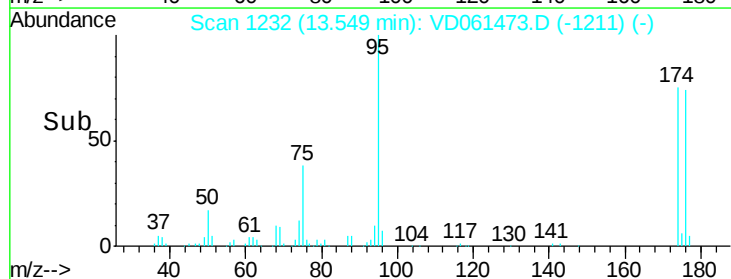
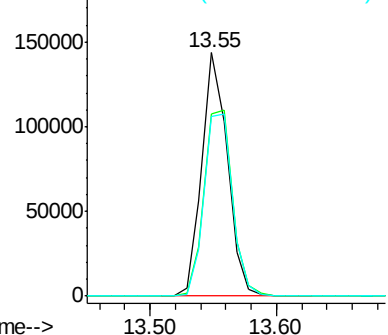


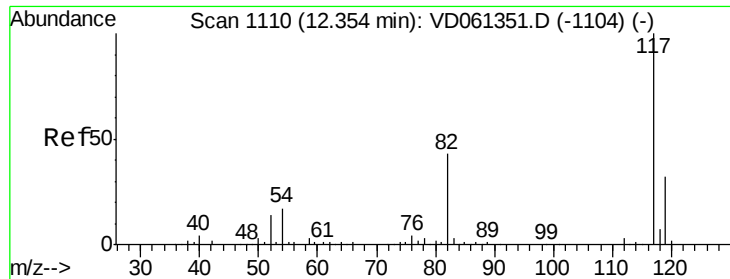
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061473.D
Acq: 1 Apr 2019 17:24

Tgt Ion: 95 Resp: 201087
Ion Ratio Lower Upper
95 100
174 74.6 0.0 178.0
176 74.0 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

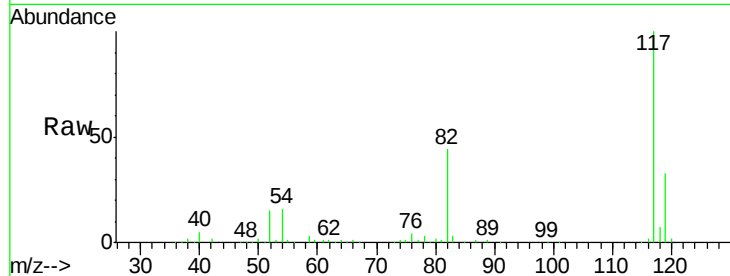




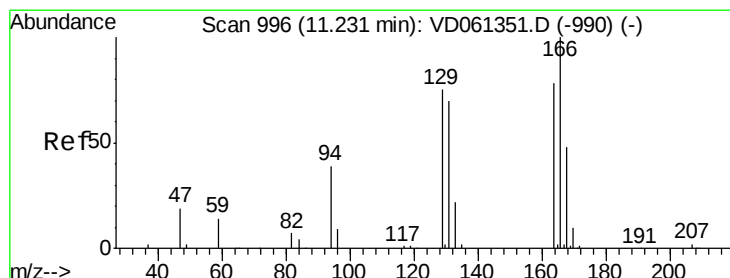
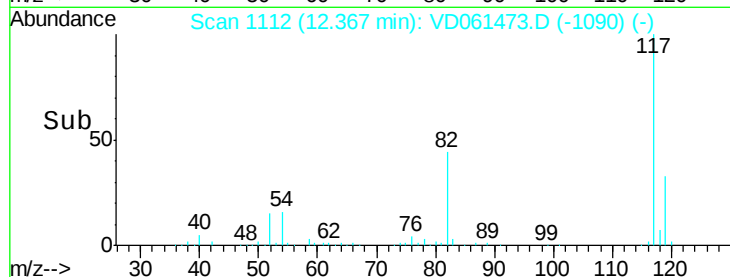
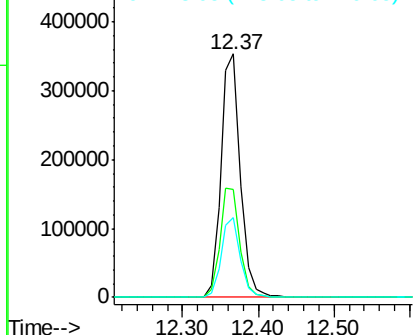
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061473.D
Acq: 1 Apr 2019 17:24

Instrument :
MSVOA_D
ClientSampleId :
VOC-17

Tot Ion:117 Resp: 627689
Ion Ratio Lower Upper
117 100
82 44.2 34.4 51.6
119 32.8 25.8 38.6

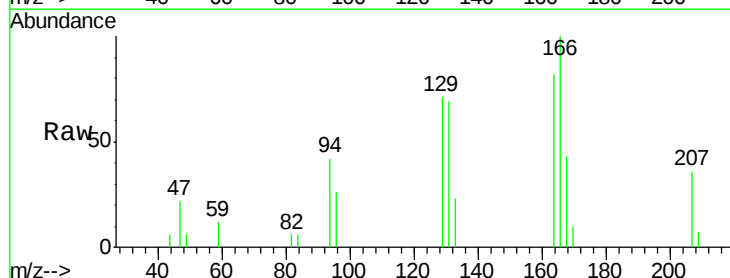


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

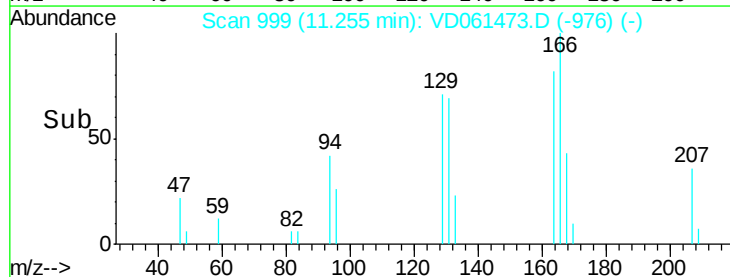
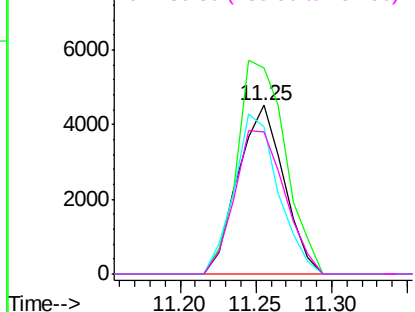


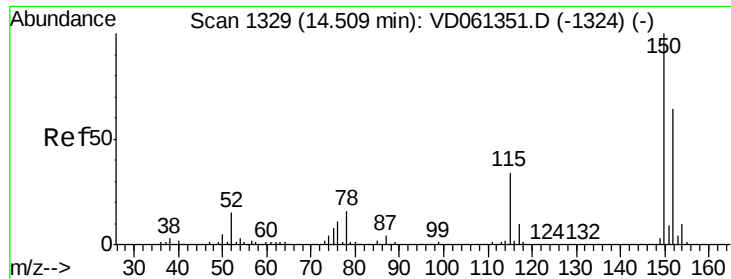
#64
Tetrachloroethene
Concen: 1.936 ug/l
RT: 11.25 min Scan# 999
Delta R.T. 0.02 min
Lab File: VD061473.D
Acq: 1 Apr 2019 17:24

Tgt Ion:164 Resp: 9537
Ion Ratio Lower Upper
164 100
166 122.5 102.4 153.6
129 87.0 76.8 115.2
131 84.6 71.8 107.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VD061473.D

Acq: 1 Apr 2019 17:24

Instrument :

MSVOA_D

ClientSampleId :

VOC-17

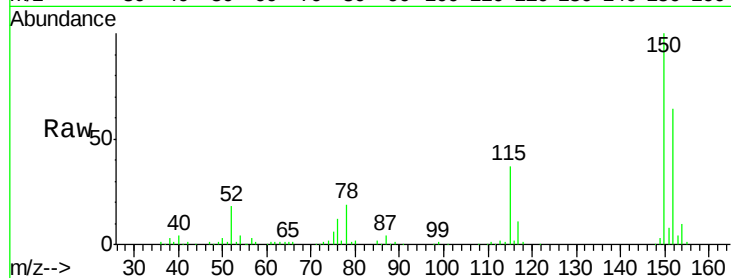
Tot Ion:152 Resp: 166876

Ion Ratio Lower Upper

152 100

115 57.8 26.9 80.6

150 155.8 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

