

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061375.D
 Acq On : 28 Mar 2019 3:38
 Operator : VA/AP
 Sample : K2097-03
 Misc : 2.36g/5ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-22

Quant Time: Mar 28 06:49:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 02:13:53 2019
 Response via : Initial Calibration

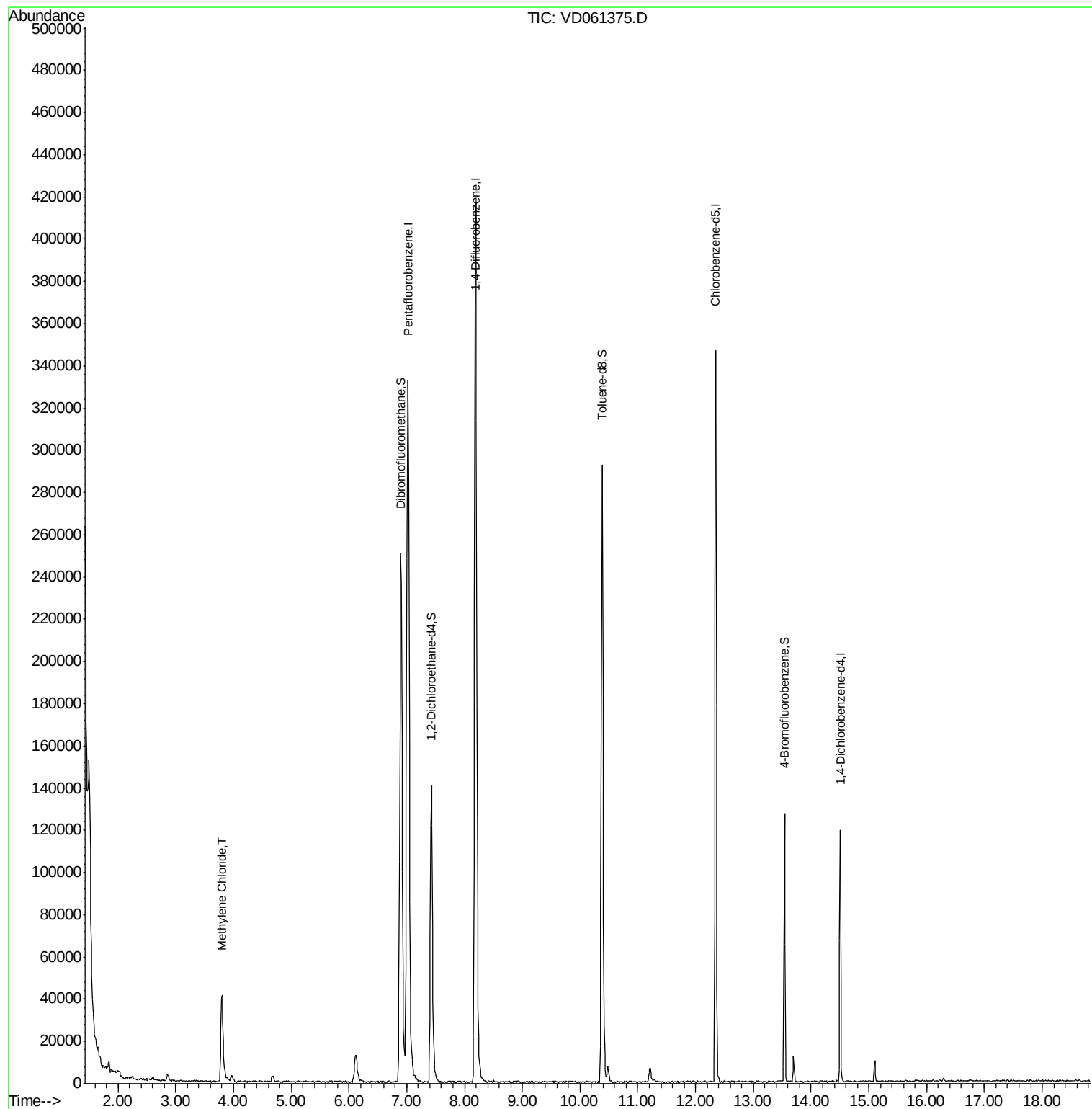
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	380932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	525041	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	208107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	26823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	139156	42.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.52%	
35) Dibromofluoromethane	6.89	113	239802	59.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.54%	
50) Toluene-d8	10.38	98	278966	28.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.98%	
62) 4-Bromofluorobenzene	13.54	95	38894	10.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.08%	
Target Compounds						
20) Methylene Chloride	3.80	84	33206	5.372	ug/l	Qvalue 92

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 02:13:53 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD061375.D

Acq: 28 Mar 2019 3:38

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MSVOA_D

ClientSampleId :

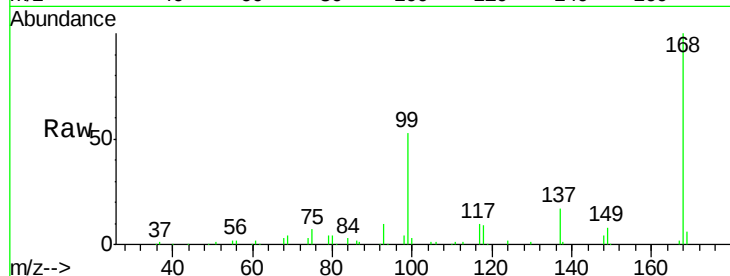
CS-22

Tgt Ion:168 Resp: 380932

Ion Ratio Lower Upper

168 100

99 53.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

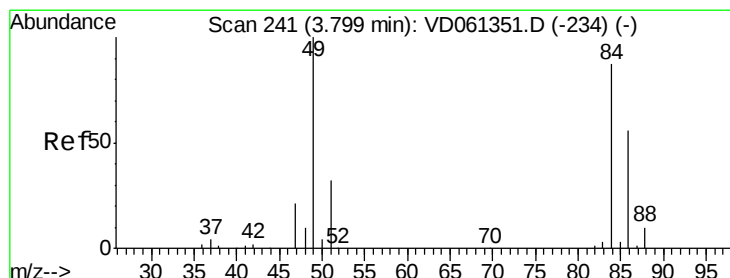
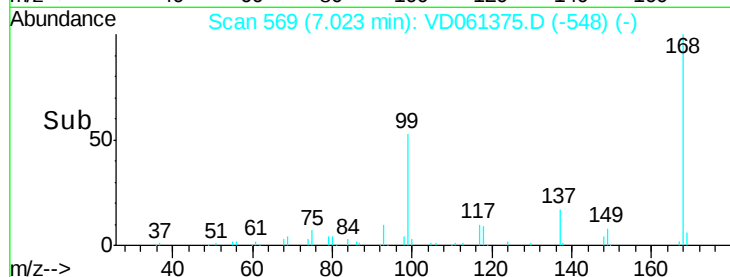
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 5.372 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061375.D

Acq: 28 Mar 2019 3:38

Tgt Ion: 84 Resp: 33206

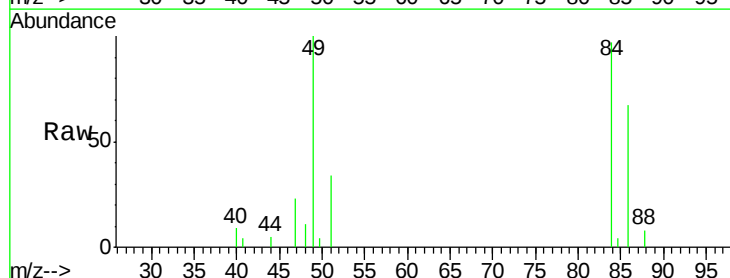
Ion Ratio Lower Upper

84 100

49 103.0 91.8 137.8

51 34.5 29.8 44.8

86 68.6 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

3.80

15000

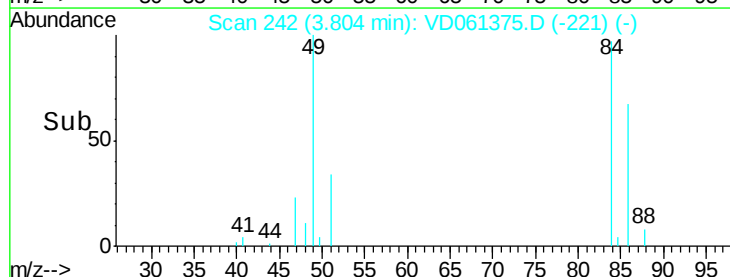
10000

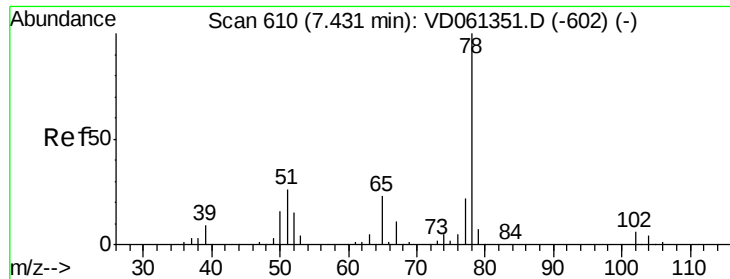
5000

0

Time-->

3.70 3.80 3.90 4.00





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD061375.D

Acq: 28 Mar 2019 3:38

Instrument :

MSVOA_D

ClientSampleId :

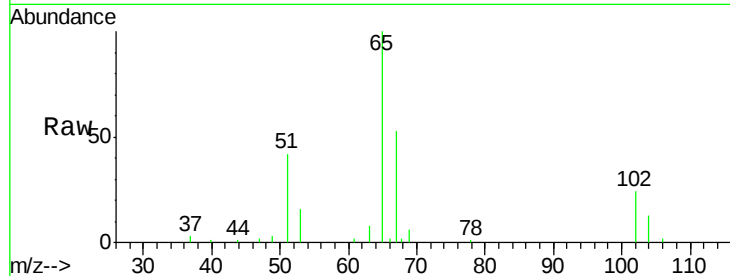
CS-22

Tgt Ion: 65 Resp: 139156

Ion Ratio Lower Upper

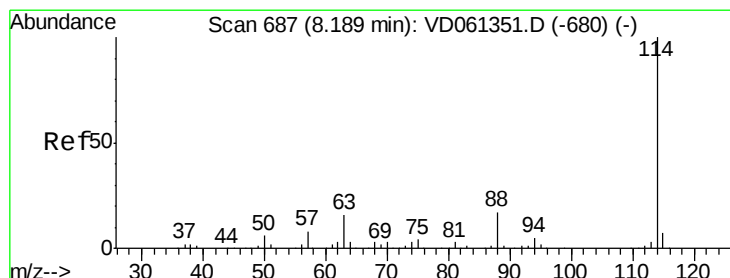
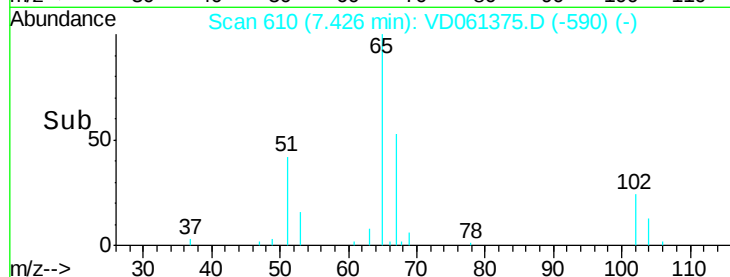
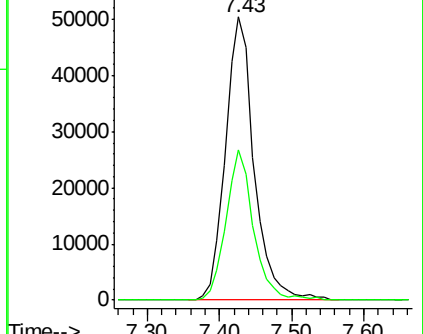
65 100

67 53.0 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: 8.19 min Scan# 688

Delta R.T. 0.00 min

Lab File: VD061375.D

Acq: 28 Mar 2019 3:38

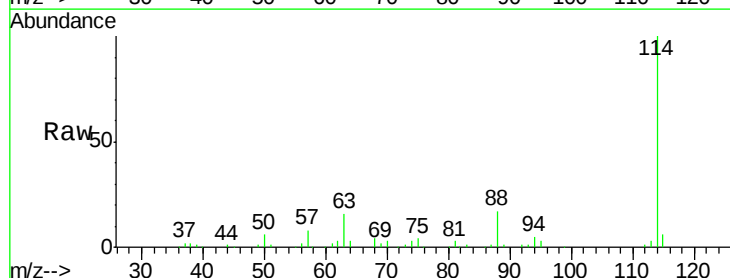
Tgt Ion: 114 Resp: 525041

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.6

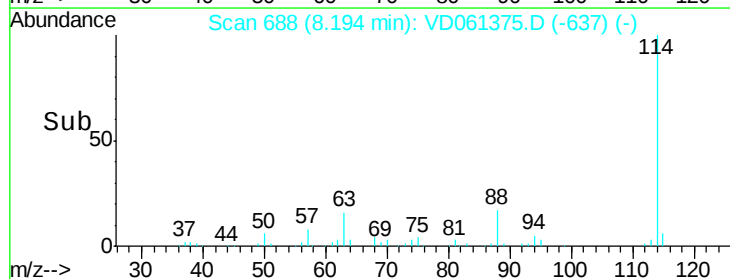
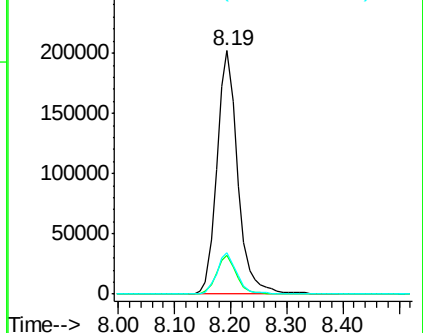
88 16.9 0.0 33.4

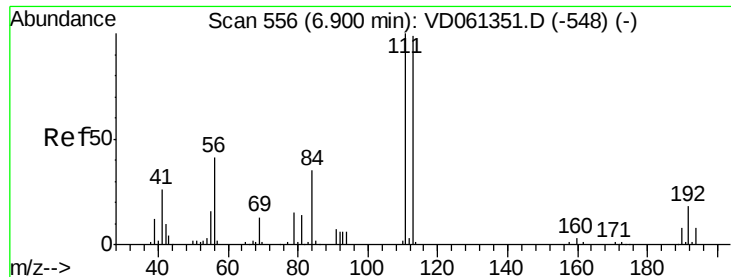


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

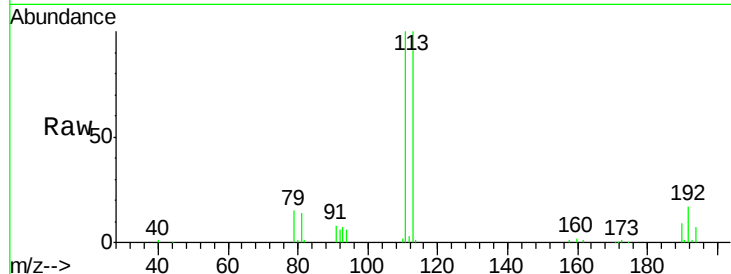




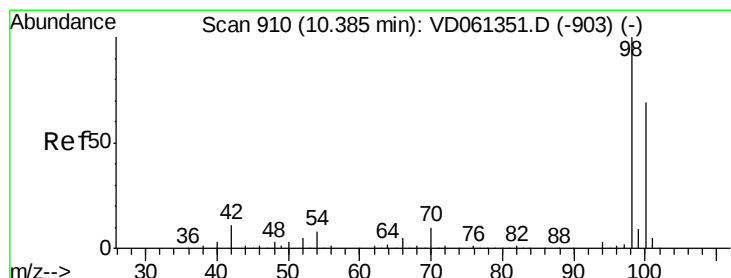
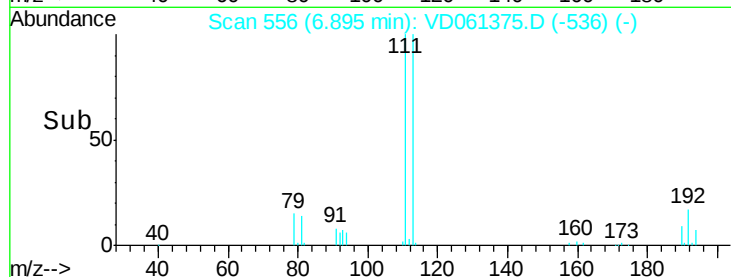
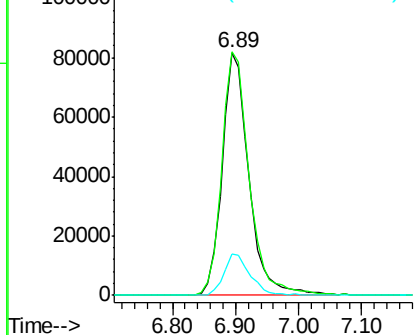
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: VD061375.D
 Acq: 28 Mar 2019 3:38

Instrument :
 MSVOA_D
 ClientSampled :
 CS-22

Tgt Ion: 113 Resp: 239802
 Ion Ratio Lower Upper
 113 100
 111 100.4 81.0 121.6
 192 17.2 14.4 21.6

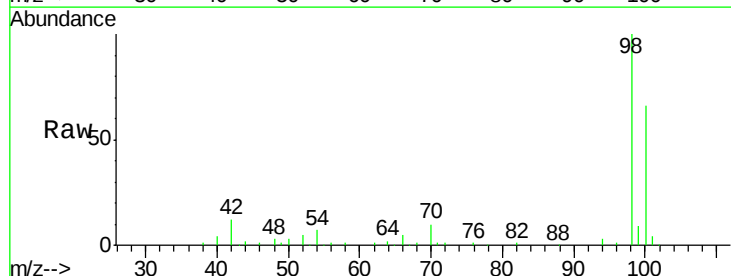


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

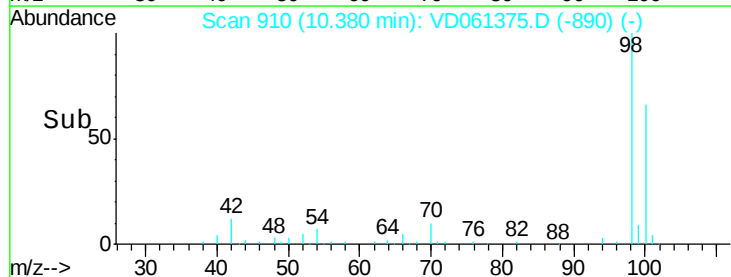
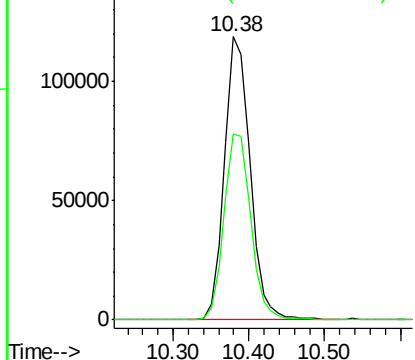


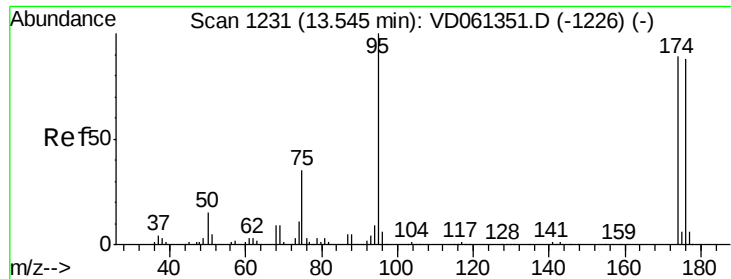
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.38 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: VD061375.D
 Acq: 28 Mar 2019 3:38

Tgt Ion: 98 Resp: 278966
 Ion Ratio Lower Upper
 98 100
 100 65.7 56.2 84.2



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

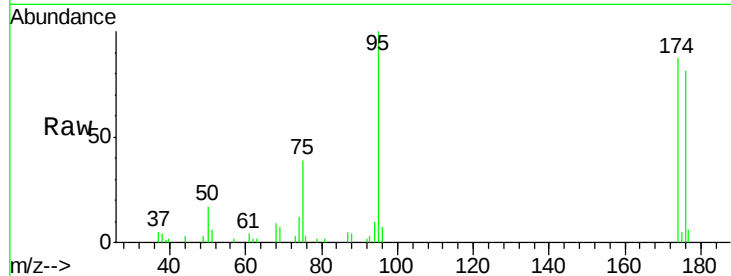




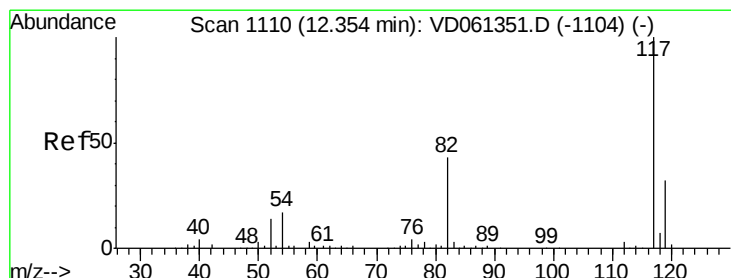
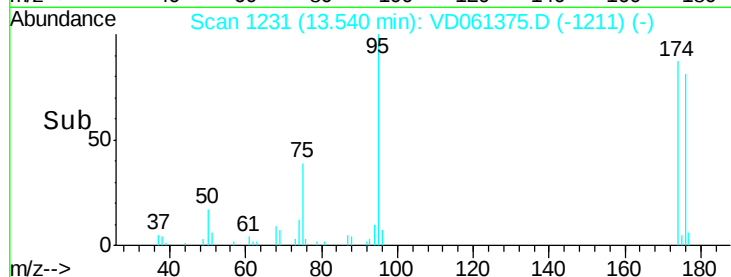
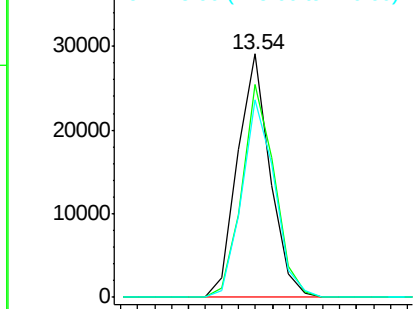
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061375.D
Acq: 28 Mar 2019 3:38

Instrument :
MSVOA_D
ClientSampleId :
CS-22

Tgt Ion: 95 Resp: 38894
Ion Ratio Lower Upper
95 100
174 87.4 0.0 178.0
176 81.3 0.0 175.0

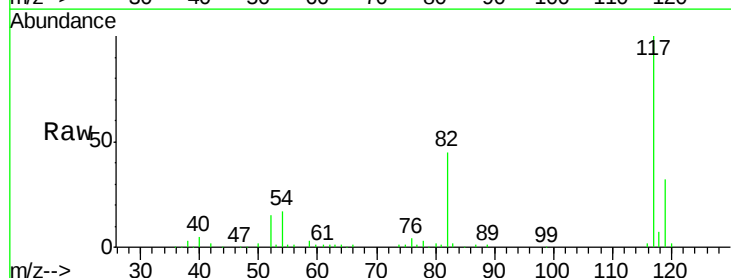


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

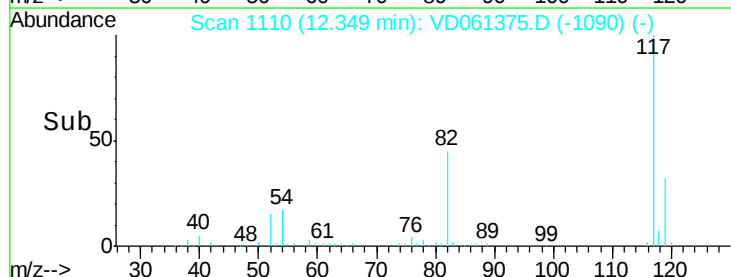
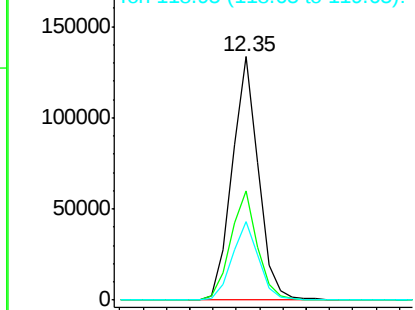


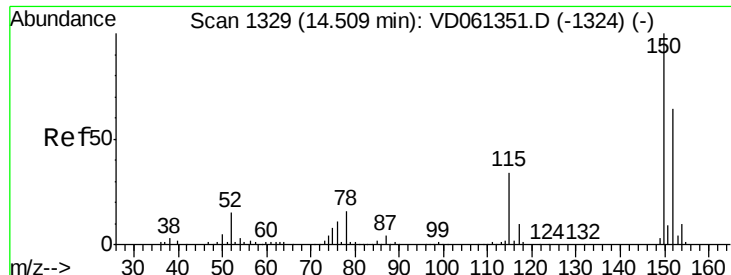
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061375.D
Acq: 28 Mar 2019 3:38

Tgt Ion: 117 Resp: 208107
Ion Ratio Lower Upper
117 100
82 44.8 34.4 51.6
119 32.3 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: 14.50 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD061375.D

Acq: 28 Mar 2019 3:38

Instrument :

MSVOA_D

ClientSampleId :

CS-22

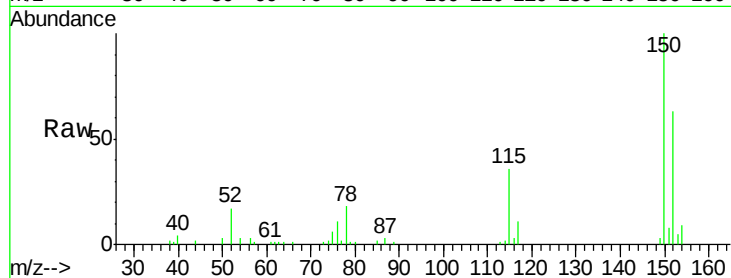
Tgt Ion:152 Resp: 26823

Ion Ratio Lower Upper

152 100

115 57.6 26.9 80.6

150 159.4 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

