

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061364.D
 Acq On : 27 Mar 2019 20:15
 Operator : VA/AP
 Sample : K2086-07
 Misc : 6.41g/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-18

Quant Time: Mar 28 04:40:06 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

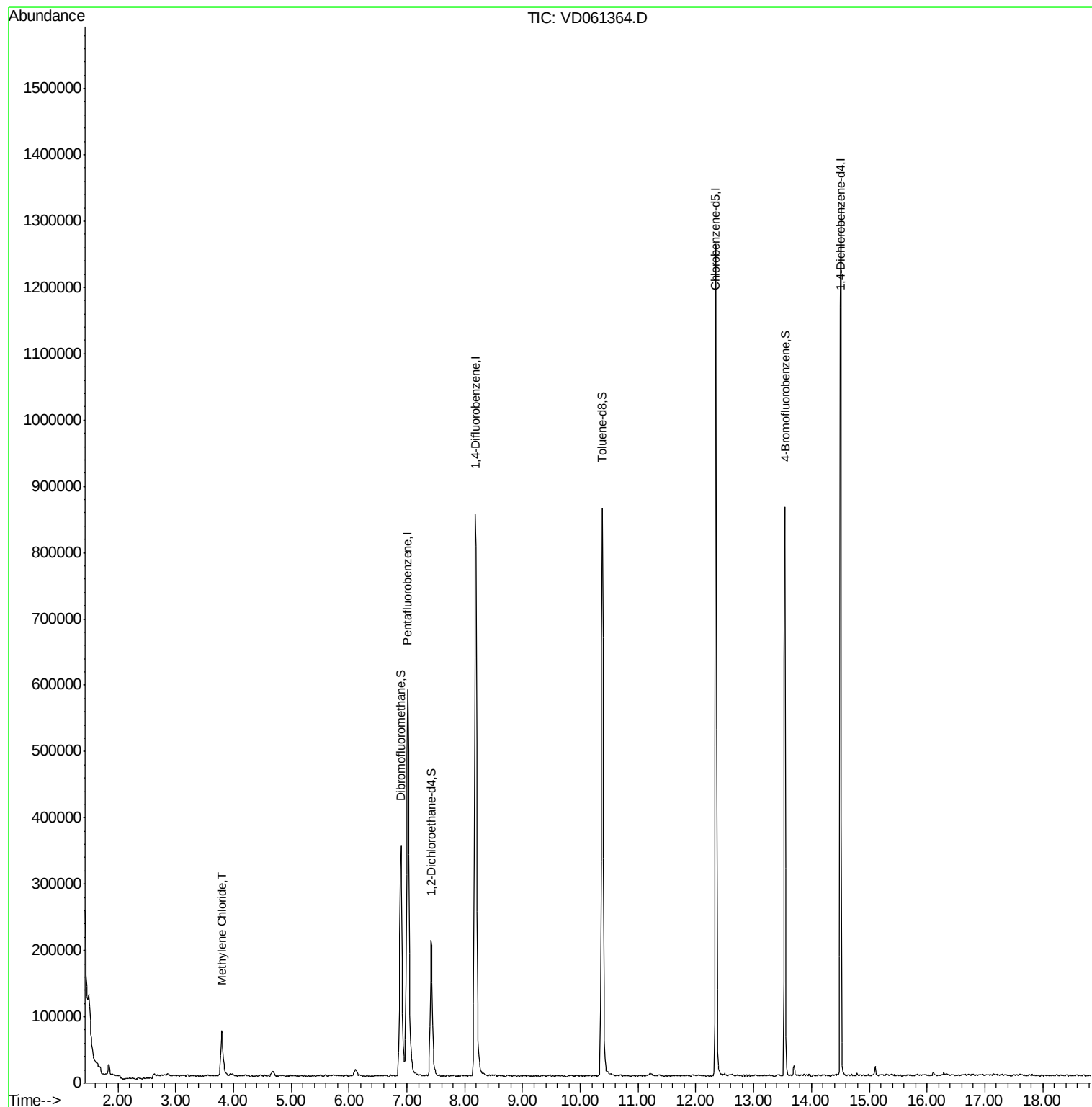
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	610263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	1077519	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	853507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	334043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	203710	39.08	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	78.16%	
35) Dibromofluoromethane	6.90	113	337556	40.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.98%	
50) Toluene-d8	10.38	98	732481	37.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.18%	
62) 4-Bromofluorobenzene	13.54	95	265492	35.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.12%	
Target Compounds						
20) Methylene Chloride	3.79	84	54395	5.538	ug/l	Qvalue 95

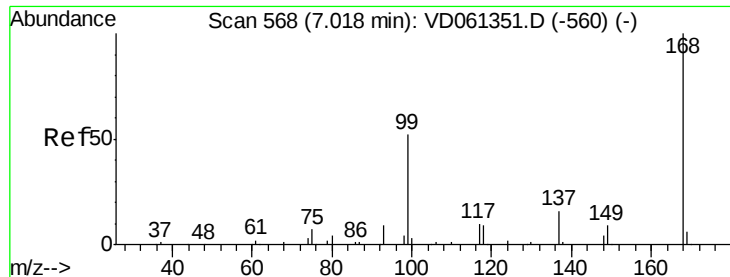
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.00 min

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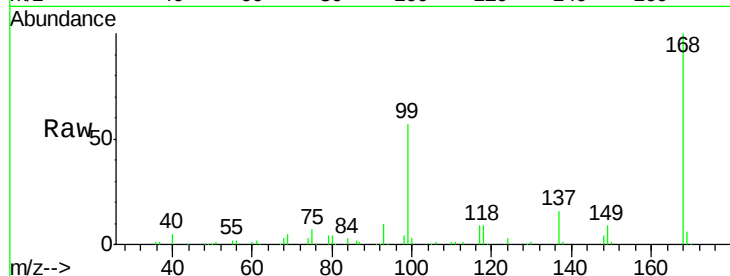
CS-18

Tgt Ion:168 Resp: 610263

Ion Ratio Lower Upper

168 100

99 56.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.01

250000

200000

150000

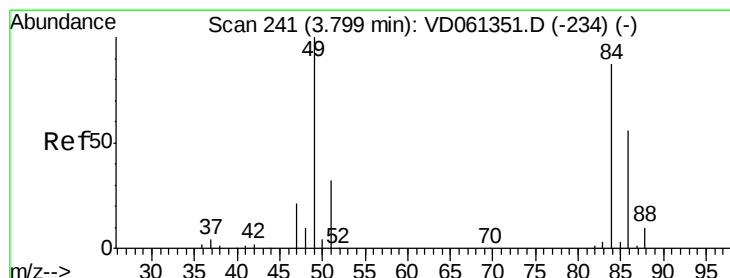
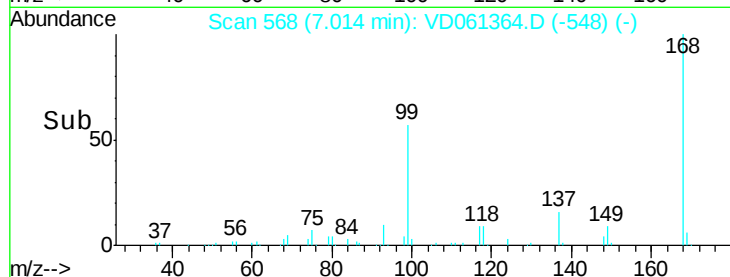
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 5.538 ug/l

RT: 3.79 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD061364.D

Acq: 27 Mar 2019 20:15

Tgt Ion: 84 Resp: 54395

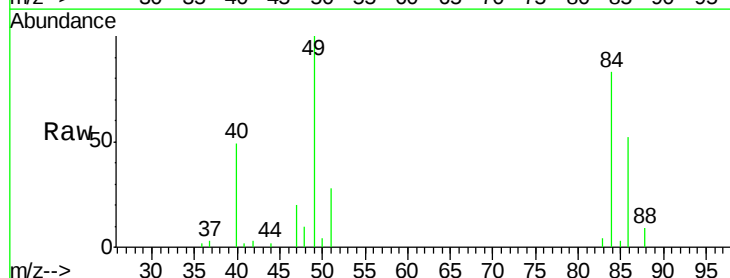
Ion Ratio Lower Upper

84 100

49 120.1 91.8 137.8

51 33.7 29.8 44.8

86 62.1 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

30000

25000

20000

15000

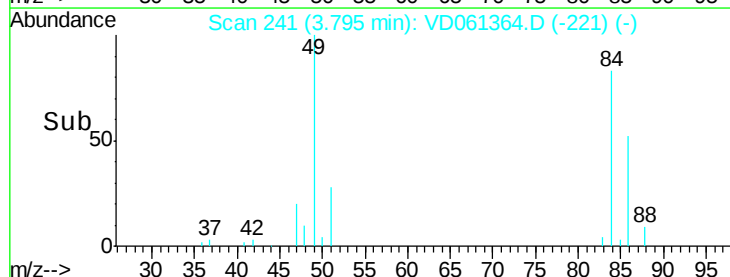
10000

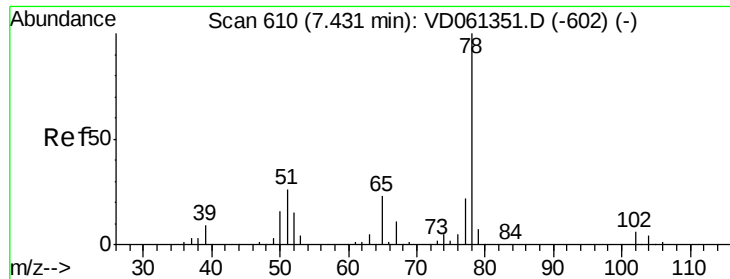
5000

0

3.70 3.80 3.90 4.00

Time-->

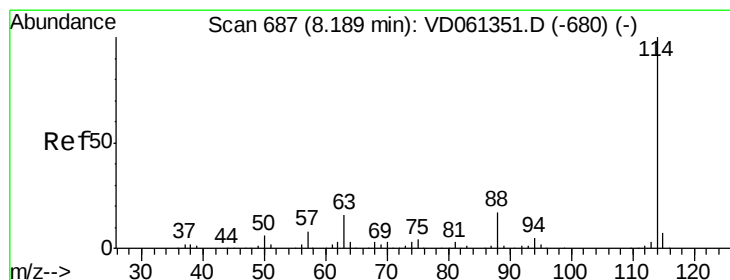
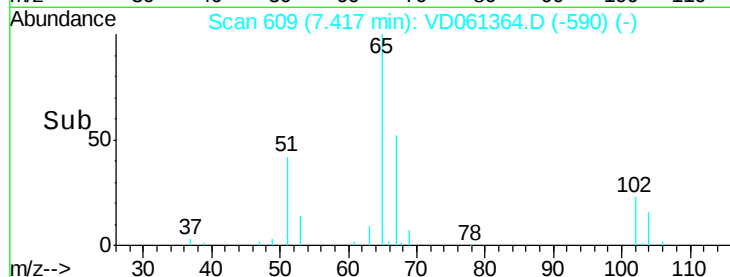
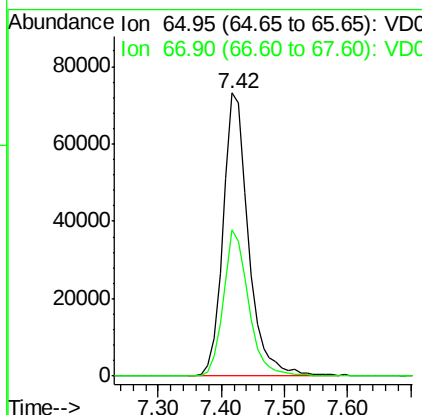
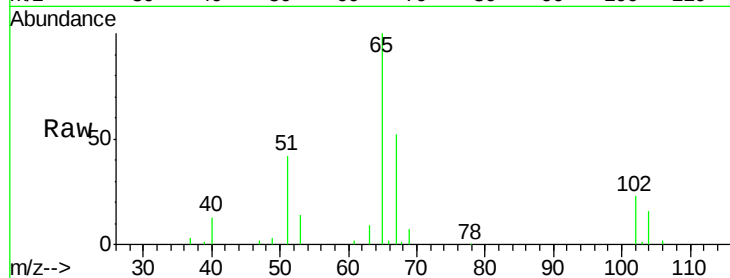




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.42 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: VD061364.D
 Acq: 27 Mar 2019 20:15

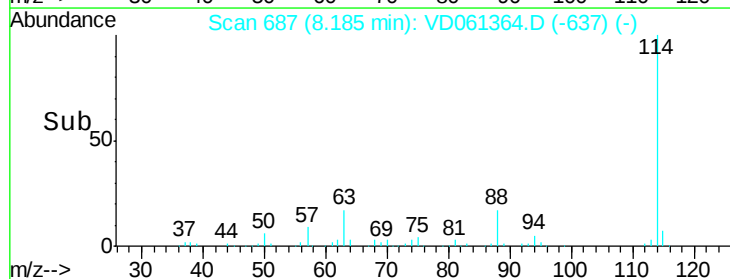
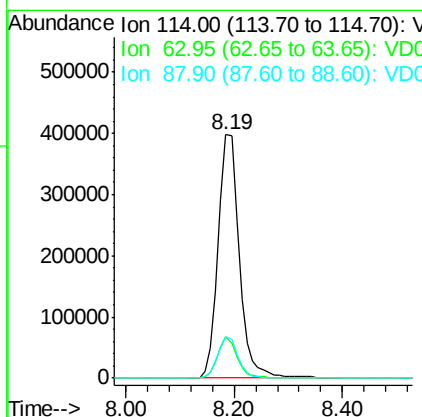
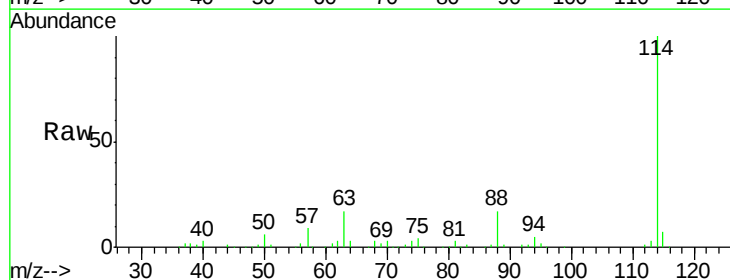
Instrument :
 MSVOA_D
 ClientSampleId :
 CS-18

Tgt Ion: 65 Resp: 203710
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: VD061364.D
 Acq: 27 Mar 2019 20:15

Tgt Ion: 114 Resp: 1077519
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 31.6
 88 17.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.00 min

Lab File: VD061364.D

Acq: 27 Mar 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

CS-18

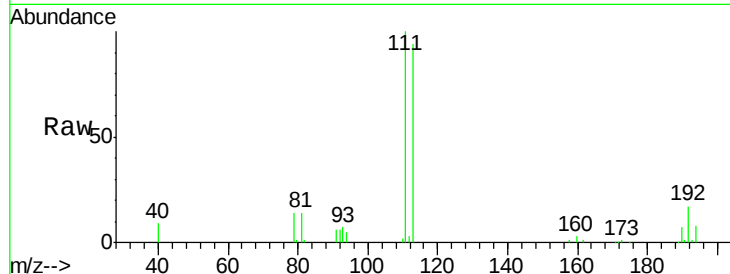
Tgt Ion:113 Resp: 337556

Ion Ratio Lower Upper

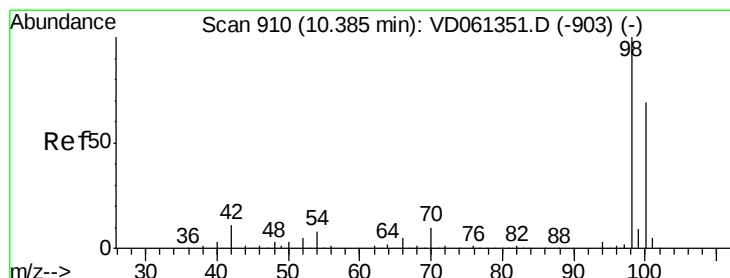
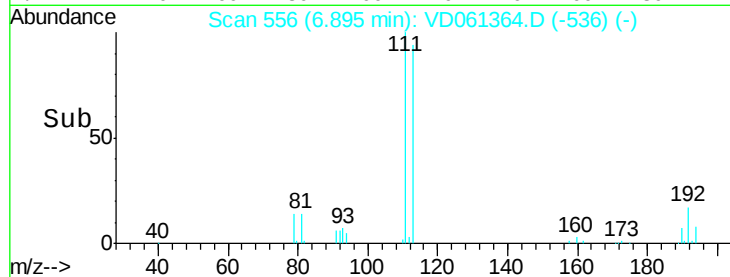
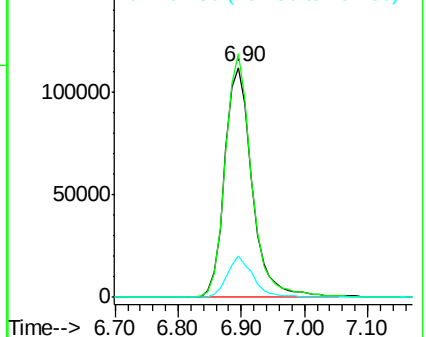
113 100

111 106.1 81.0 121.6

192 18.0 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. -0.00 min

Lab File: VD061364.D

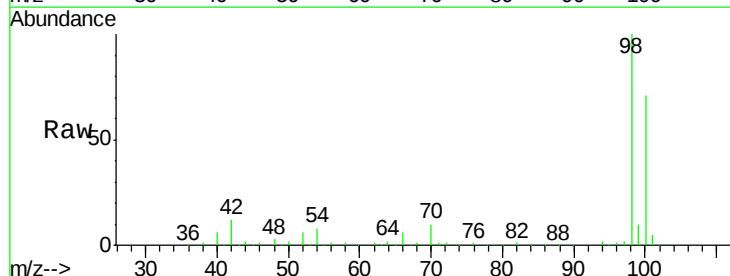
Acq: 27 Mar 2019 20:15

Tgt Ion: 98 Resp: 732481

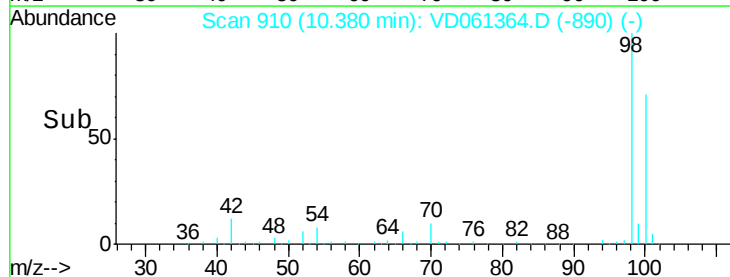
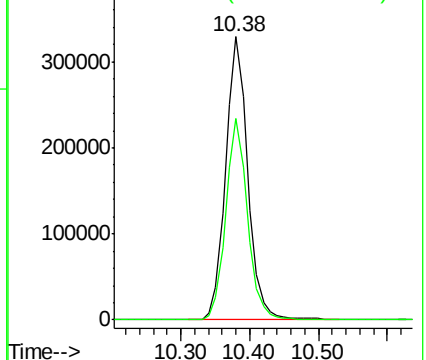
Ion Ratio Lower Upper

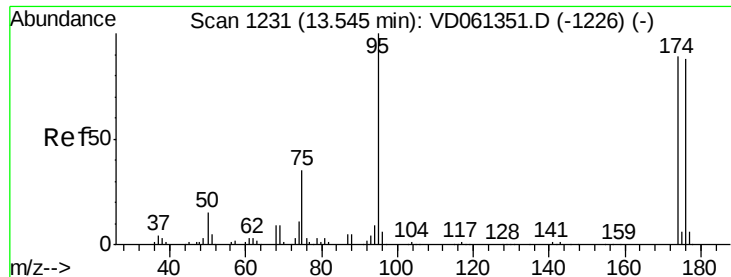
98 100

100 71.4 56.2 84.2



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

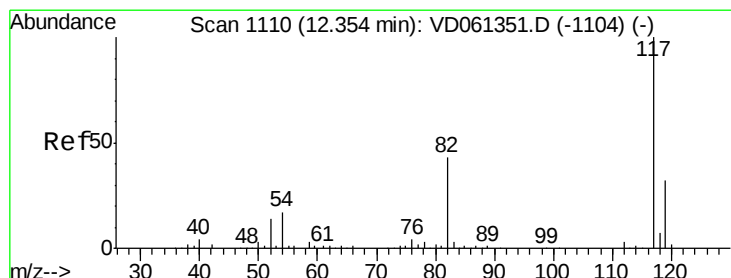
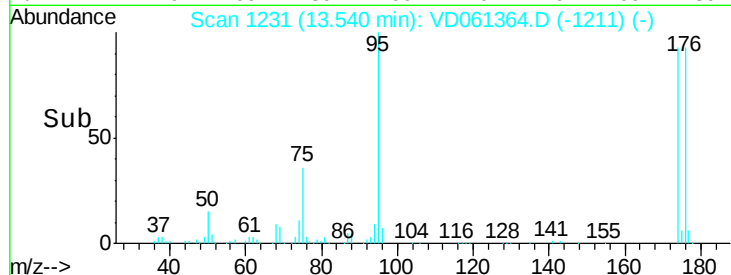
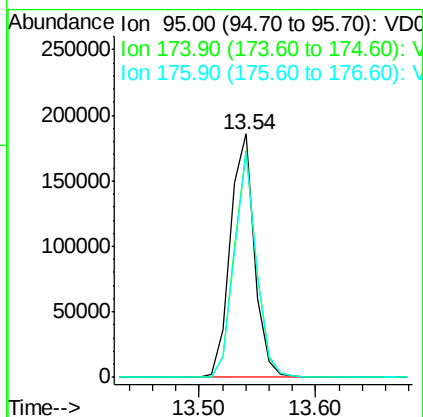
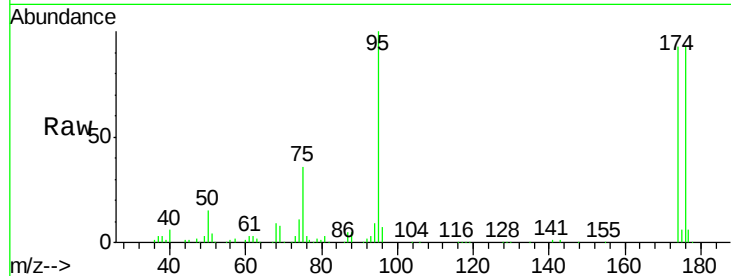




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061364.D
Acq: 27 Mar 2019 20:15

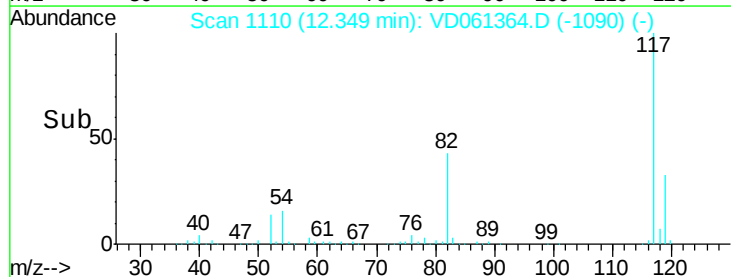
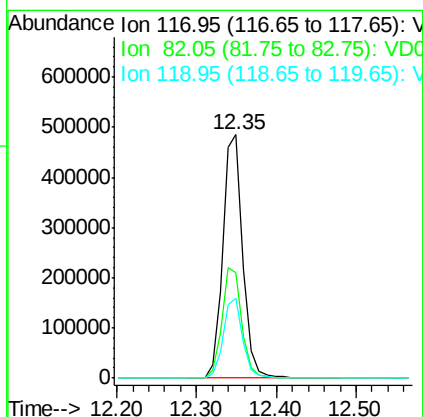
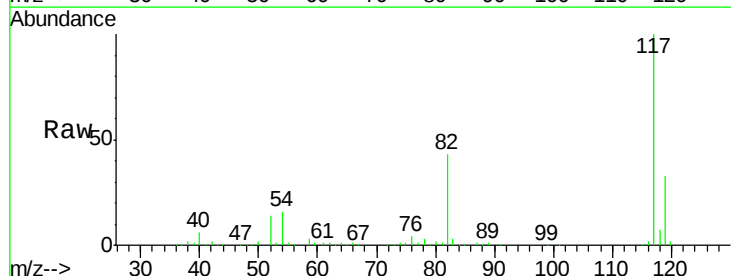
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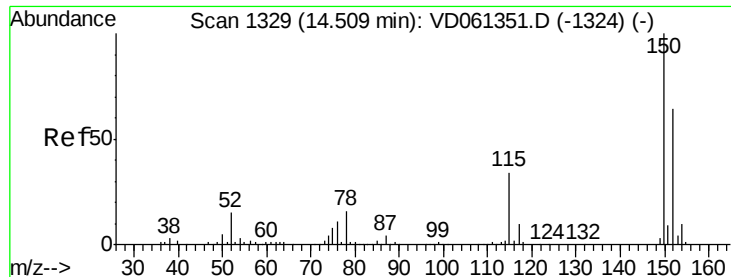
Tgt Ion: 95 Resp: 265492
Ion Ratio Lower Upper
95 100
174 93.2 0.0 178.0
176 92.9 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061364.D
Acq: 27 Mar 2019 20:15

Tgt Ion: 117 Resp: 853507
Ion Ratio Lower Upper
117 100
82 43.2 34.4 51.6
119 33.0 25.8 38.6

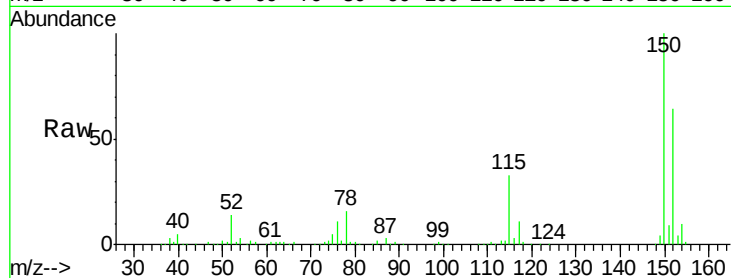




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD061364.D
 Acq: 27 Mar 2019 20:15

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-18

Tgt Ion:152 Resp: 334043
 Ion Ratio Lower Upper
 152 100
 115 52.5 26.9 80.6
 150 157.1 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

