

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061450.D
 Acq On : 31 Mar 2019 16:46
 Operator : VA/AP
 Sample : K2153-25RE
 Misc : 11.12g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2RE

Quant Time: Apr 01 04:32:34 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

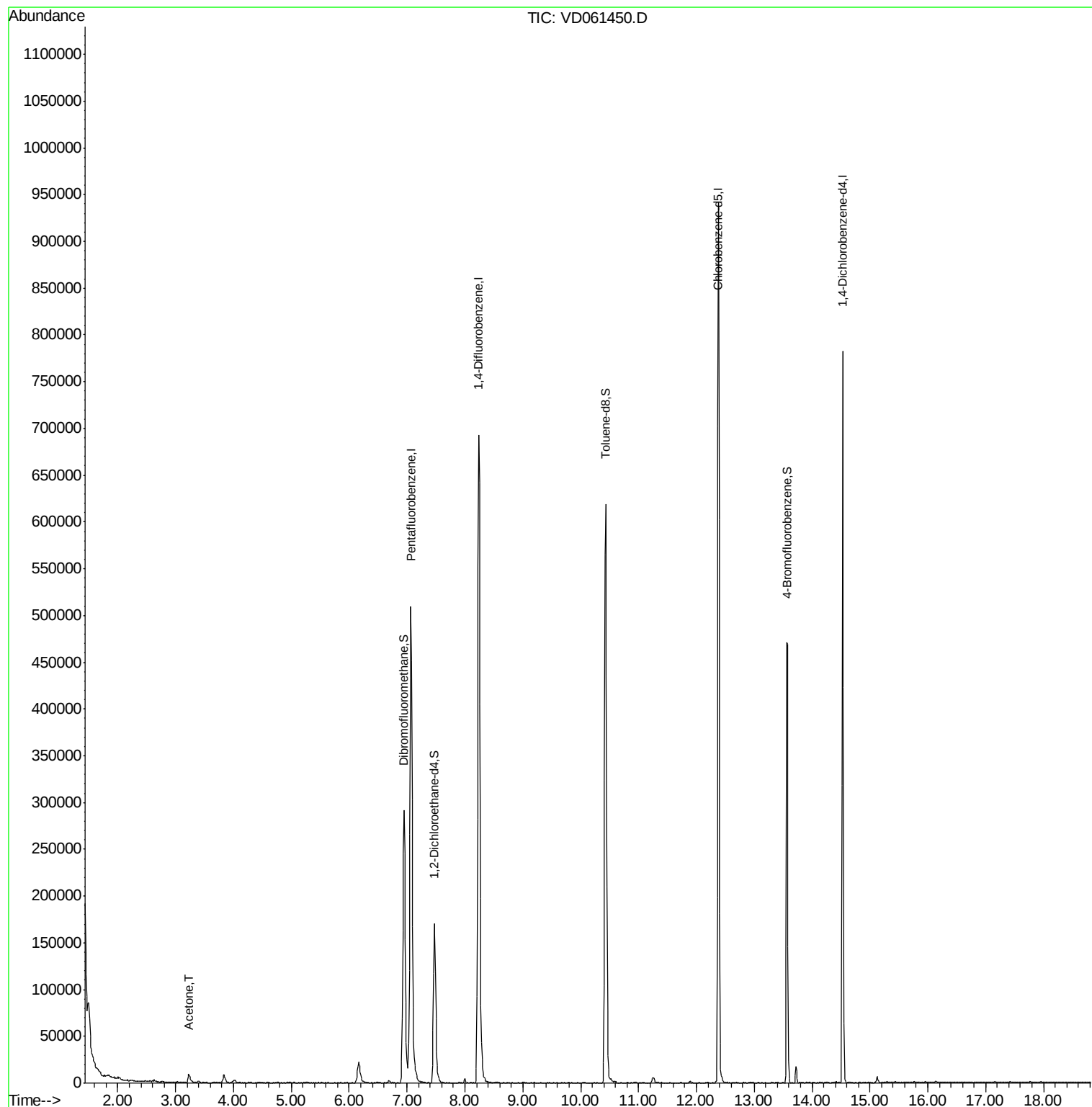
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	538239	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	892516	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	609973	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	174506	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	169307	36.82	ug/l	0.04
Spiked Amount 50.000			Recovery	=	73.64%	
35) Dibromofluoromethane	6.95	113	276021	40.47	ug/l	0.05
Spiked Amount 50.000			Recovery	=	80.94%	
50) Toluene-d8	10.43	98	557459	34.08	ug/l	0.05
Spiked Amount 50.000			Recovery	=	68.16%	
62) 4-Bromofluorobenzene	13.56	95	167841	26.76	ug/l	0.02
Spiked Amount 50.000			Recovery	=	53.52%	
Target Compounds						
16) Acetone	3.23	43	18145	15.352	ug/l	Qvalue 98

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

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QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD061450.D

Acq: 31 Mar 2019 16:46

Instrument :

MSVOA_D

ClientSampleId :

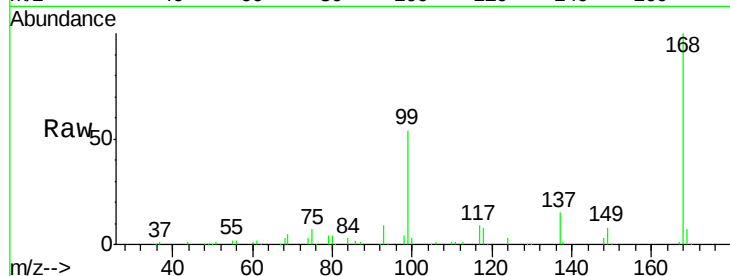
SP-2RE

Tgt Ion:168 Resp: 538239

Ion Ratio Lower Upper

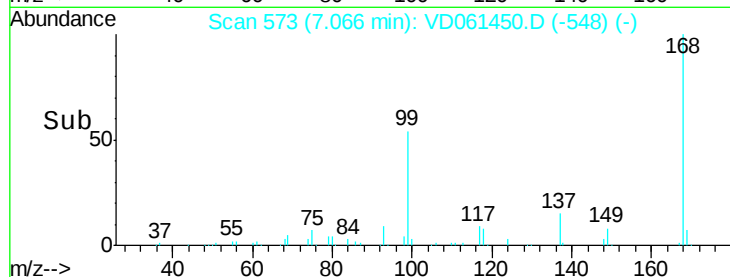
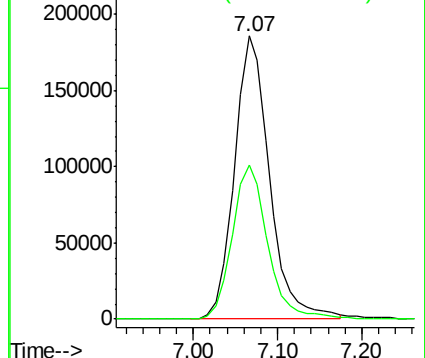
168 100

99 54.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 15.352 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061450.D

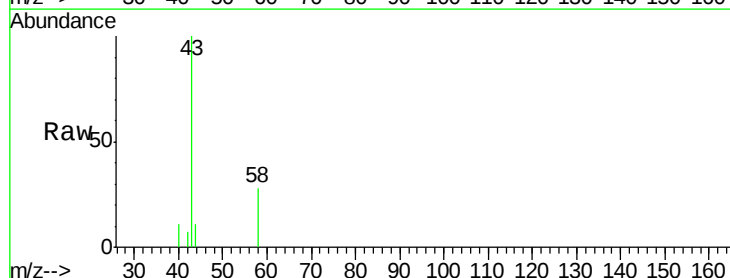
Acq: 31 Mar 2019 16:46

Tgt Ion: 43 Resp: 18145

Ion Ratio Lower Upper

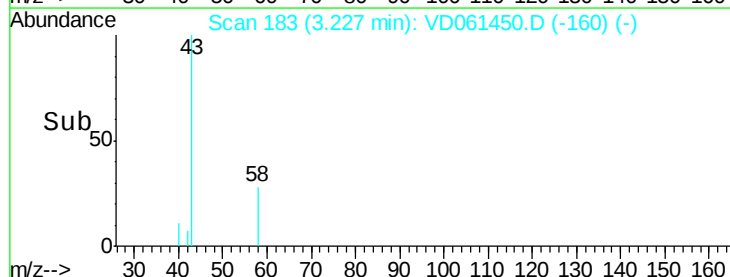
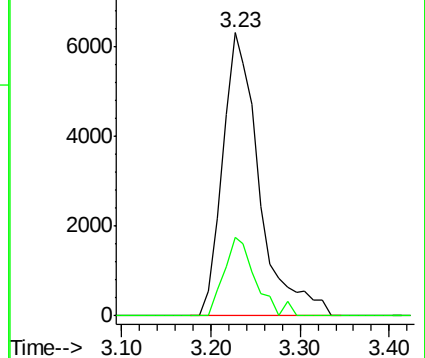
43 100

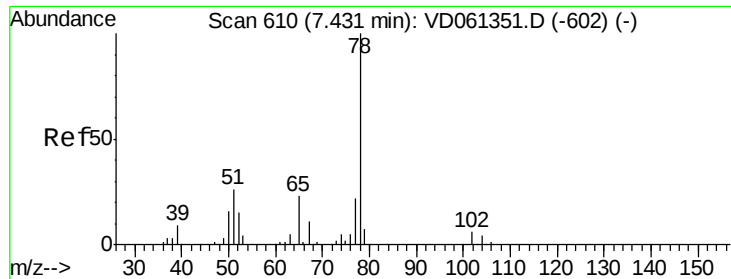
58 27.9 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD061450.D

Acq: 31 Mar 2019 16:46

Instrument :

MSVOA_D

ClientSampleId :

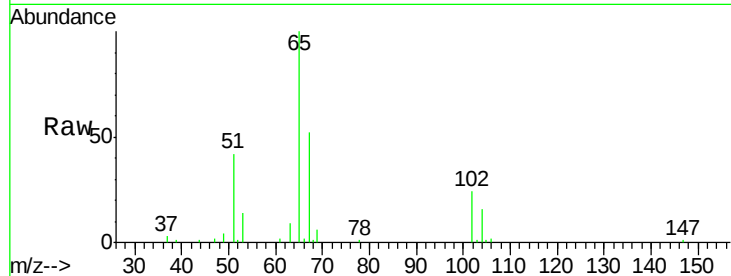
SP-2RE

Tgt Ion: 65 Resp: 169307

Ion Ratio Lower Upper

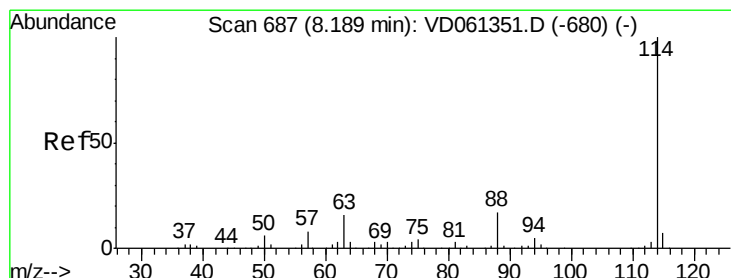
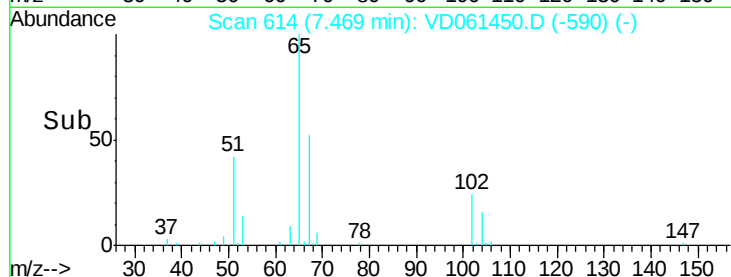
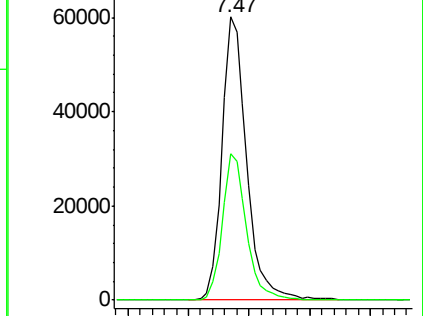
65 100

67 51.7 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: 8.24 min Scan# 692

Delta R.T. 0.05 min

Lab File: VD061450.D

Acq: 31 Mar 2019 16:46

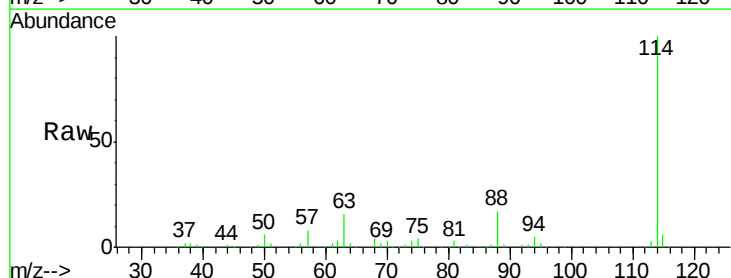
Tgt Ion: 114 Resp: 892516

Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.6

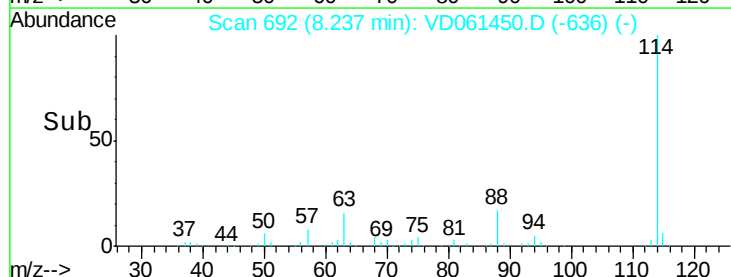
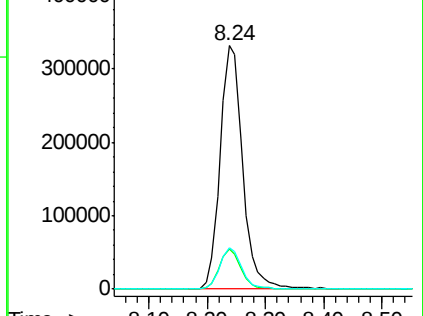
88 16.8 0.0 33.4

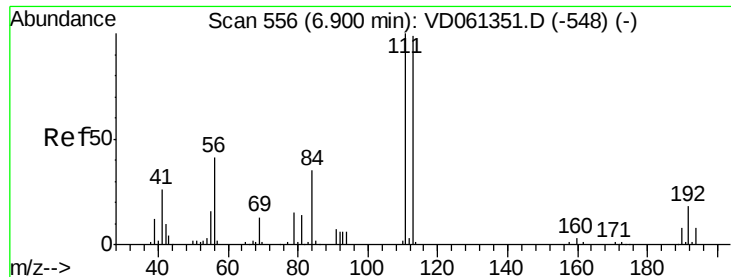


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

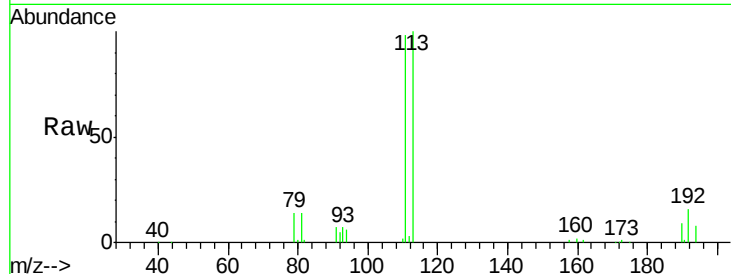




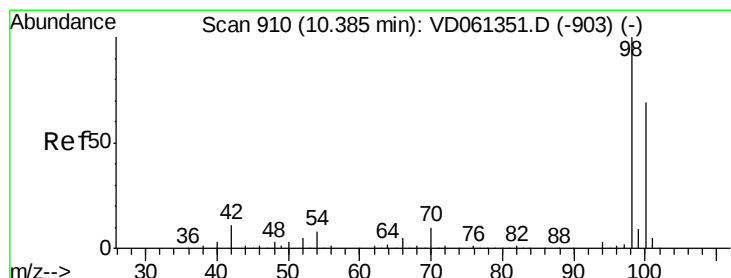
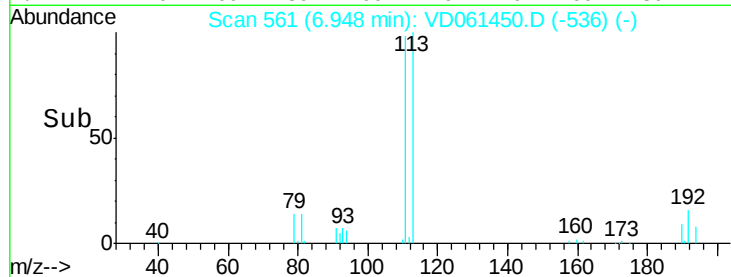
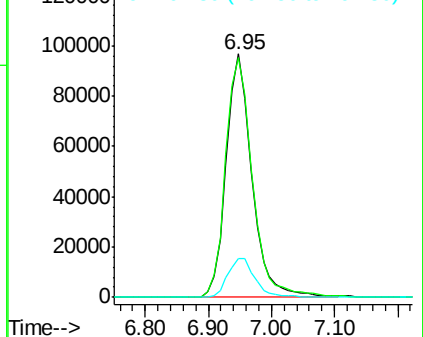
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD061450.D
 Acq: 31 Mar 2019 16:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2RE

Tgt Ion:113 Resp: 276021
 Ion Ratio Lower Upper
 113 100
 111 98.2 81.0 121.6
 192 16.1 14.4 21.6

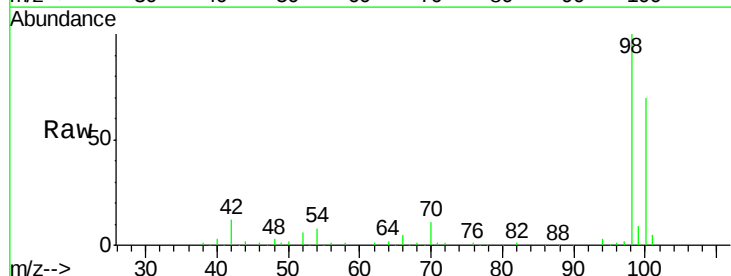


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

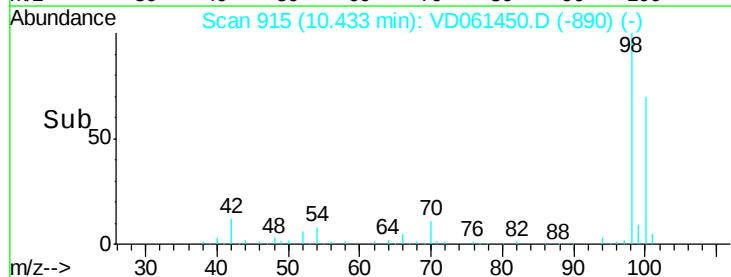
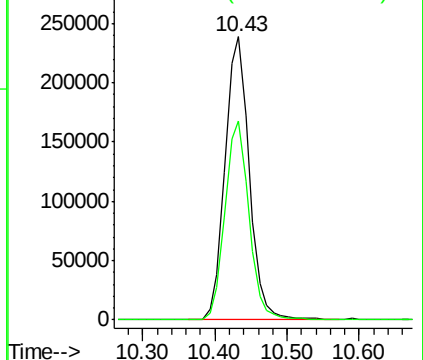


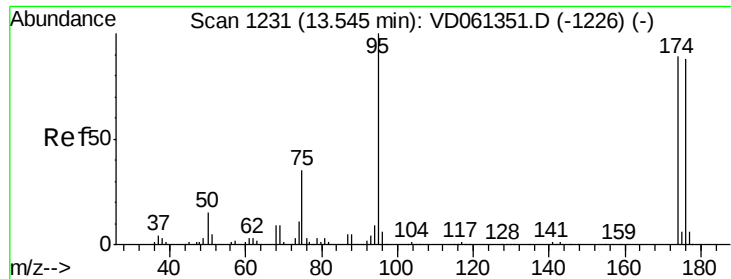
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.43 min Scan# 915
 Delta R.T. 0.05 min
 Lab File: VD061450.D
 Acq: 31 Mar 2019 16:46

Tgt Ion: 98 Resp: 557459
 Ion Ratio Lower Upper
 98 100
 100 70.4 56.2 84.2



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

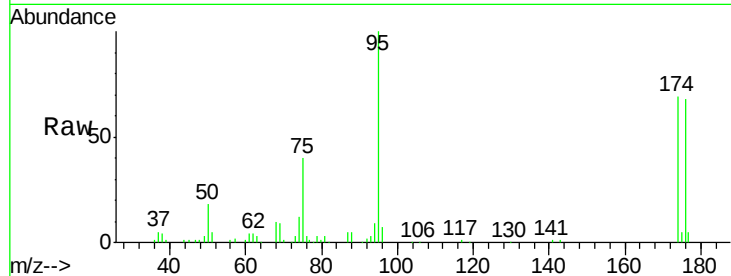




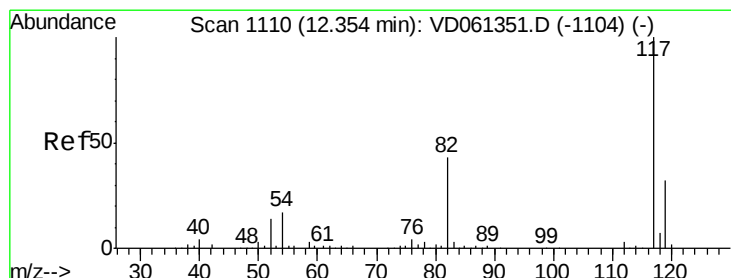
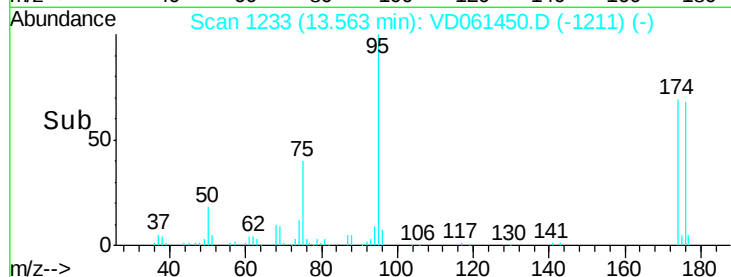
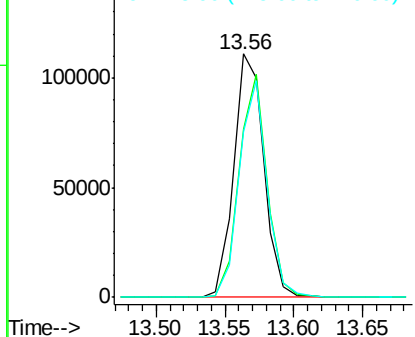
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061450.D
Acq: 31 Mar 2019 16:46

Instrument :
MSVOA_D
ClientSampleID :
SP-2RE

Tgt Ion: 95 Resp: 167841
Ion Ratio Lower Upper
95 100
174 69.3 0.0 178.0
176 68.2 0.0 175.0

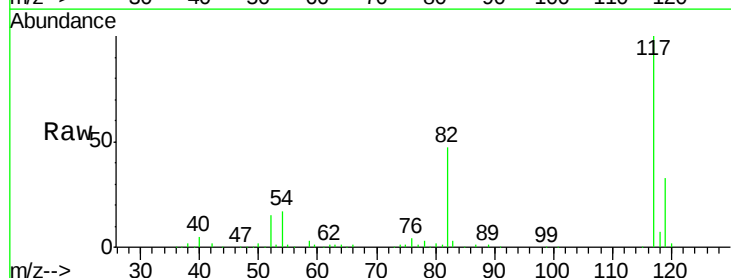


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

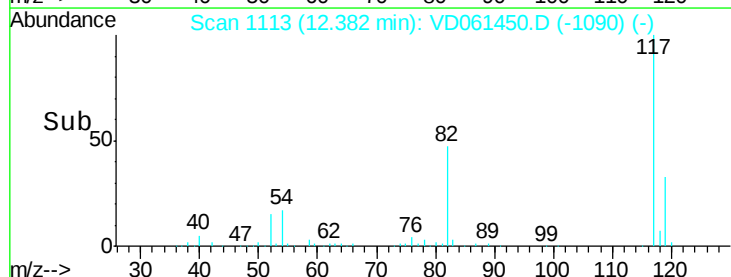
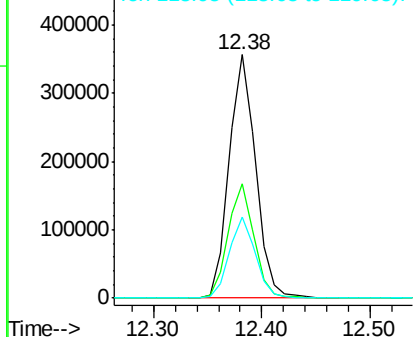


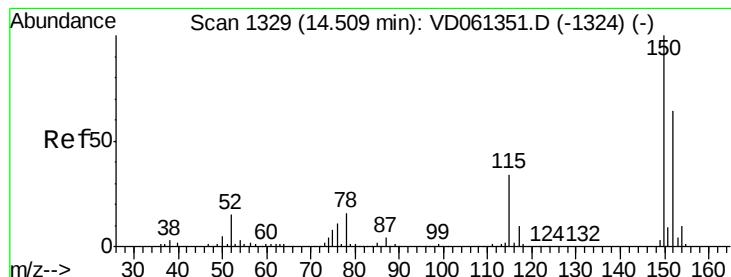
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061450.D
Acq: 31 Mar 2019 16:46

Tgt Ion: 117 Resp: 609973
Ion Ratio Lower Upper
117 100
82 47.0 34.4 51.6
119 33.5 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: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD061450.D

Acq: 31 Mar 2019 16:46

Instrument :

MSVOA_D

ClientSampleId :

SP-2RE

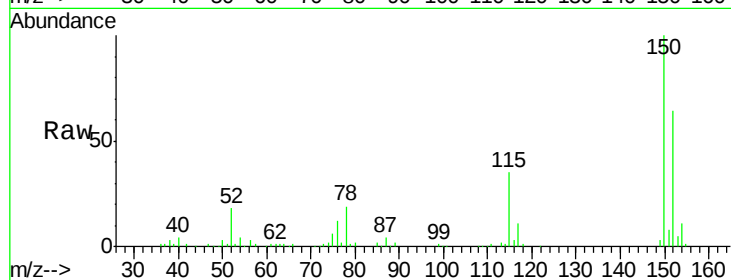
Tgt Ion:152 Resp: 174506

Ion Ratio Lower Upper

152 100

115 54.8 26.9 80.6

150 155.3 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

