

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032319\
 Data File : VD061287.D
 Acq On : 23 Mar 2019 18:15
 Operator : VA/AP
 Sample : K2050-03RE
 Misc : 4.34g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-3RE

Quant Time: Mar 25 05:55:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	367867	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	619443	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	360735	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	76584	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	155462	50.77	ug/l	0.02
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	6.95	113	227340	49.45	ug/l	0.02
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.41	98	470427	40.75	ug/l	0.01
Spiked Amount	50.000		Recovery	=	81.50%	
62) 4-Bromofluorobenzene	13.56	95	106854	23.85	ug/l	0.01
Spiked Amount	50.000		Recovery	=	47.70%	

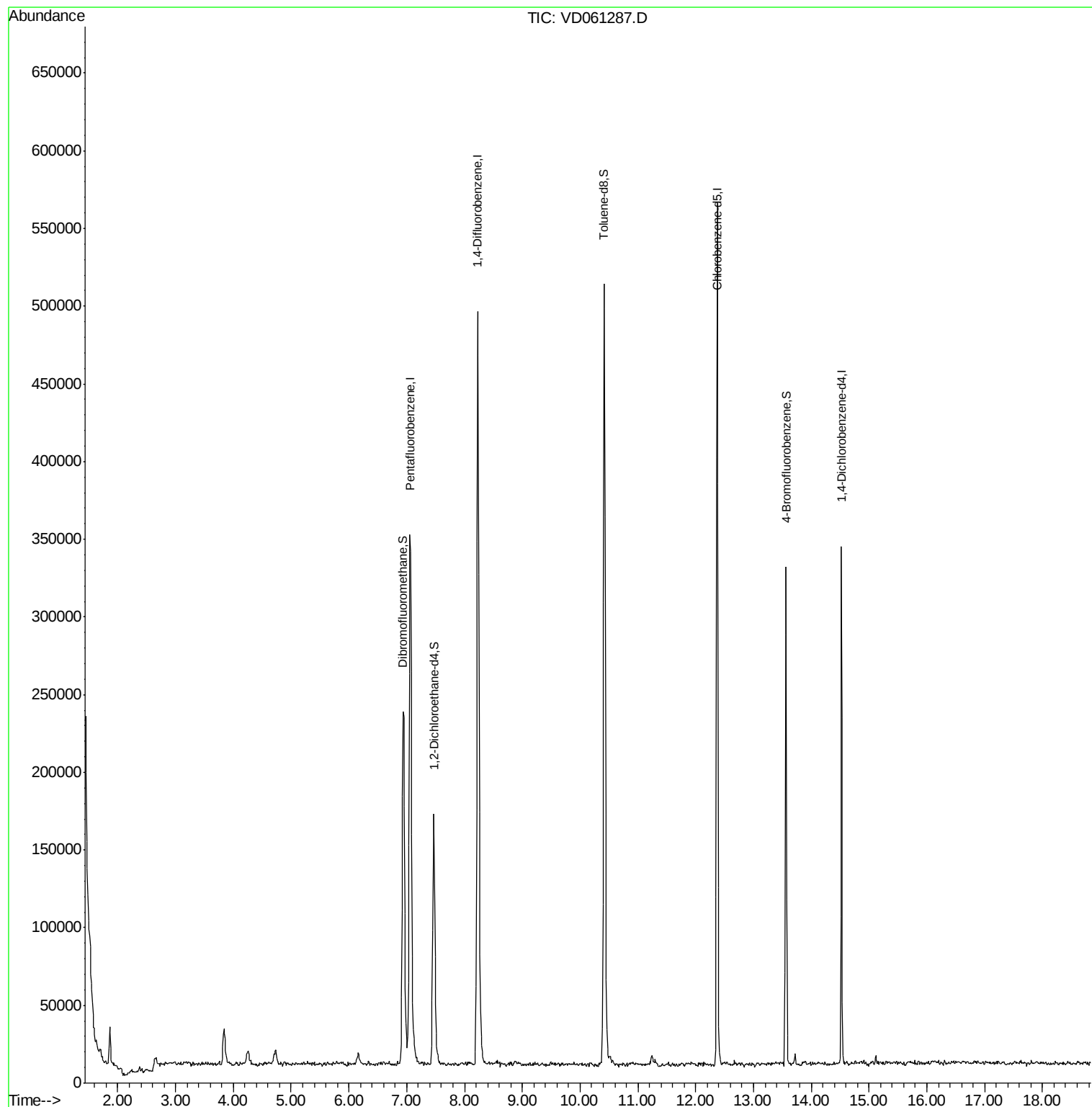
Target Compounds	Qvalue

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061287.D

Acq: 23 Mar 2019 18:15

Instrument :

MSVOA_D

ClientSampleId :

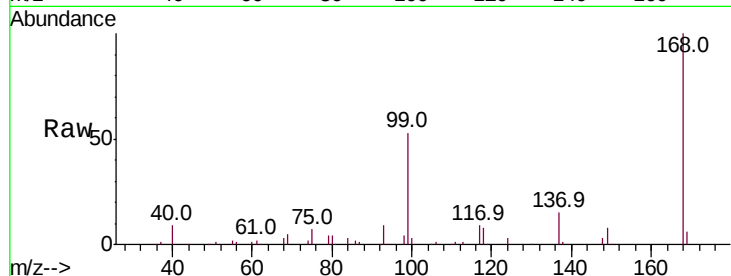
CS-3RE

Tot Ion:168 Resp: 367867

Ion Ratio Lower Upper

168 100

99 52.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

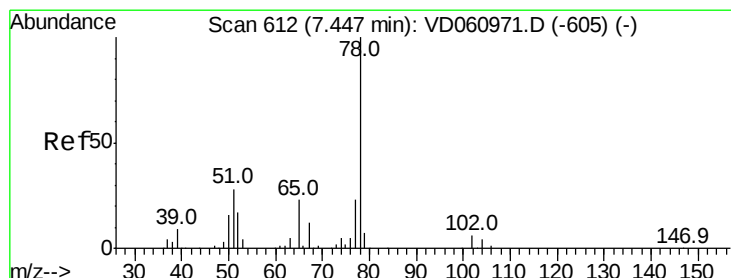
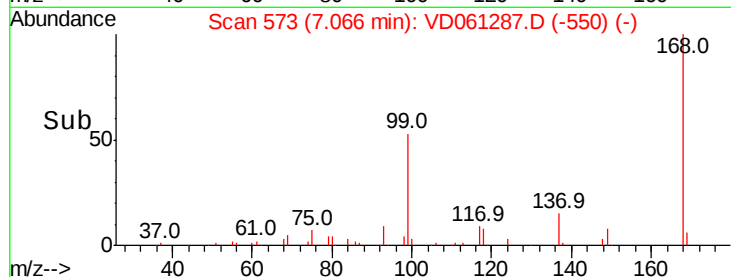
7.07

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061287.D

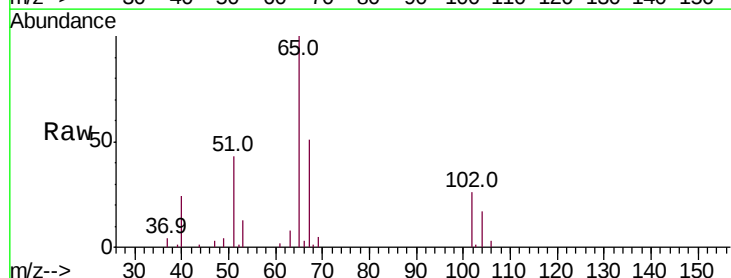
Acq: 23 Mar 2019 18:15

Tgt Ion: 65 Resp: 155462

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

60000

50000

40000

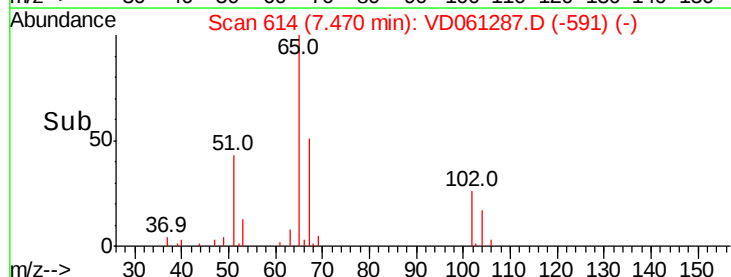
30000

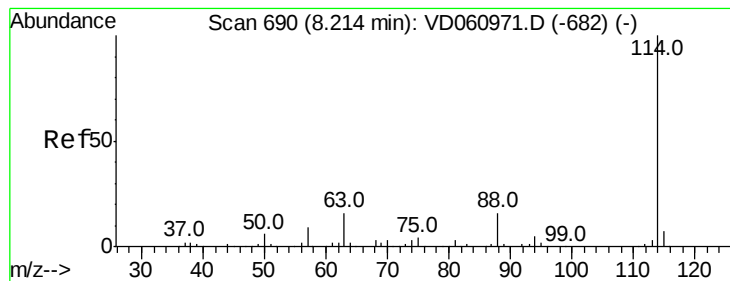
20000

10000

0

Time--> 7.30 7.40 7.50 7.60 7.70





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061287.D

Acq: 23 Mar 2019 18:15

Instrument :

MSVOA_D

ClientSampleId :

CS-3RE

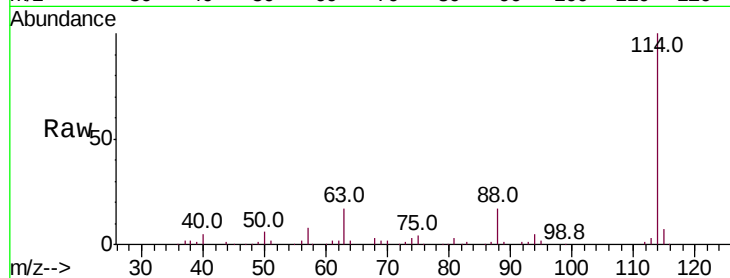
Tot Ion:114 Resp: 619443

Ion Ratio Lower Upper

114 100

63 16.7 0.0 31.4

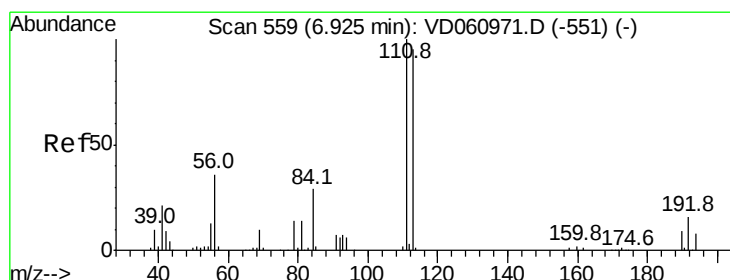
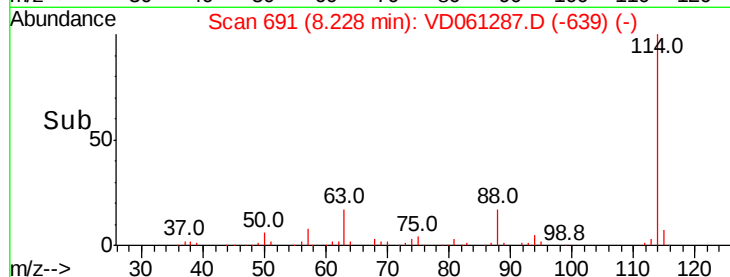
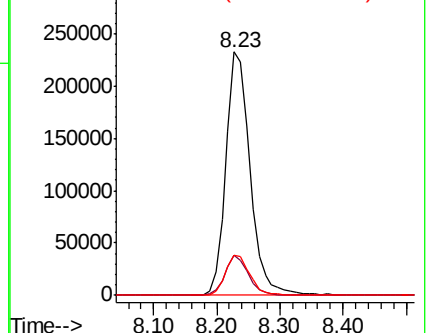
88 16.6 0.0 33.0



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: 6.95 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD061287.D

Acq: 23 Mar 2019 18:15

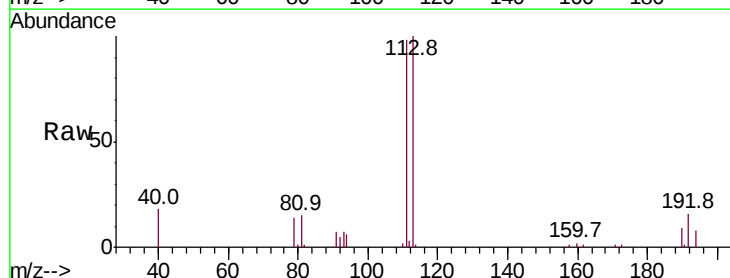
Tgt Ion:113 Resp: 227340

Ion Ratio Lower Upper

113 100

111 98.5 84.2 126.4

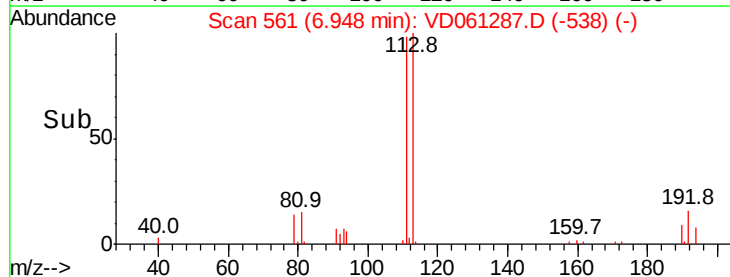
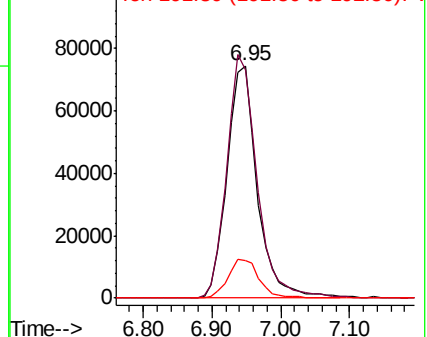
192 16.0 13.1 19.7

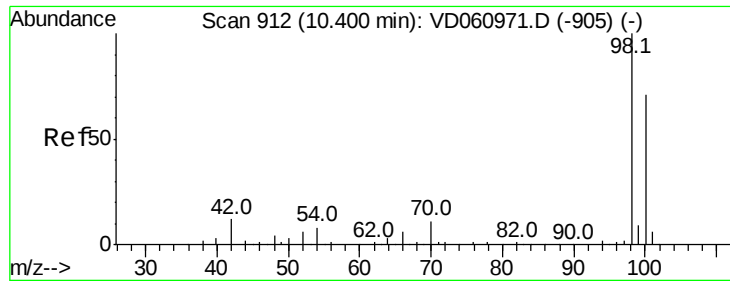


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

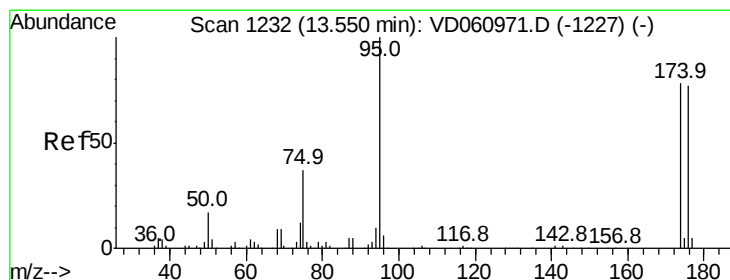
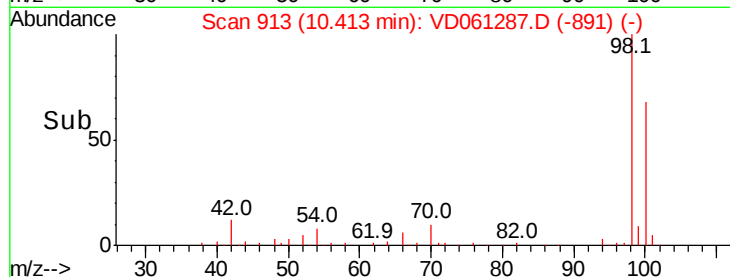
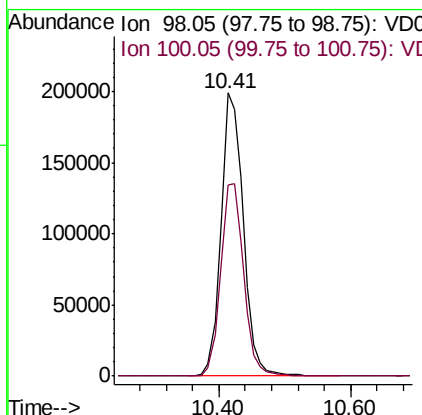
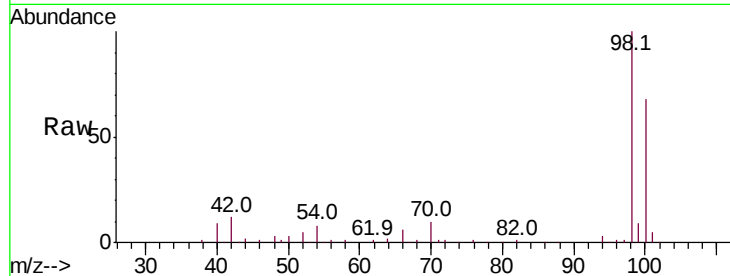




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061287.D
Acq: 23 Mar 2019 18:15

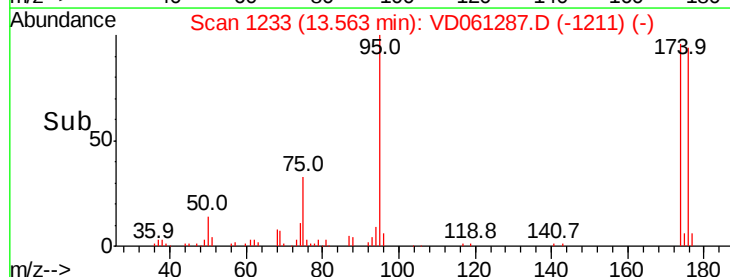
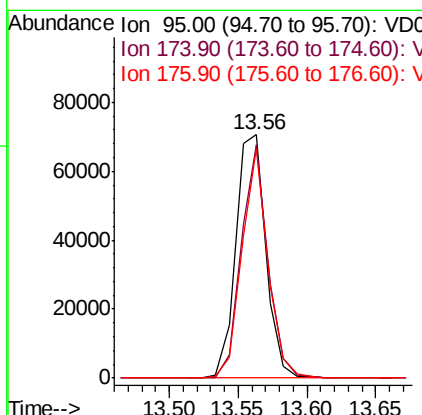
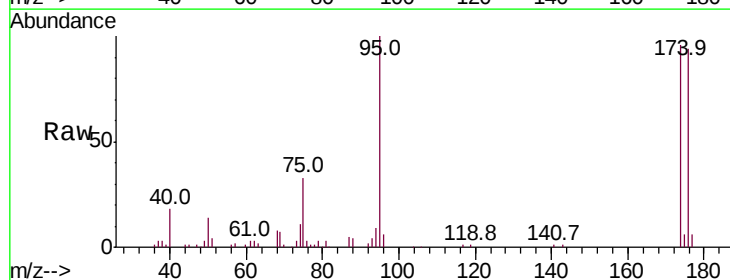
Instrument :
MSVOA_D
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CS-3RE

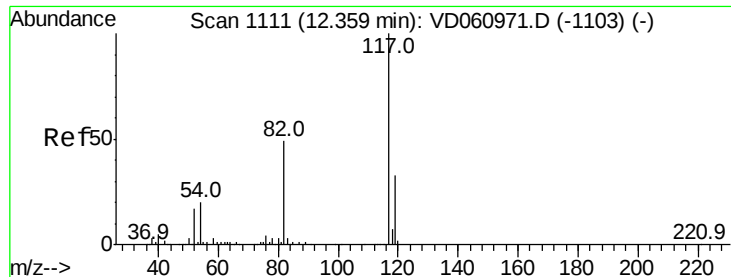
Tot Ion: 98 Resp: 470427
Ion Ratio Lower Upper
98 100
100 67.7 57.4 86.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061287.D
Acq: 23 Mar 2019 18:15

Tgt Ion: 95 Resp: 106854
Ion Ratio Lower Upper
95 100
174 95.7 0.0 155.6
176 94.1 0.0 153.8

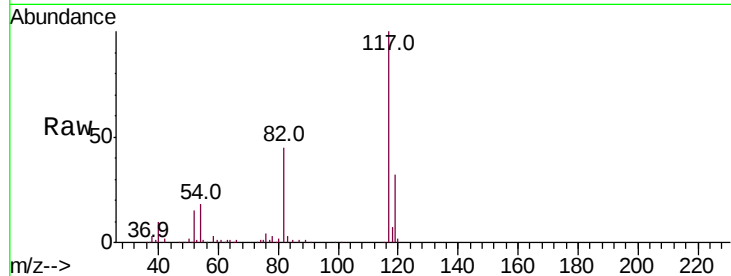




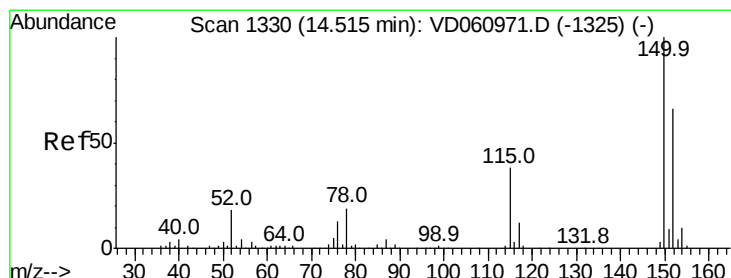
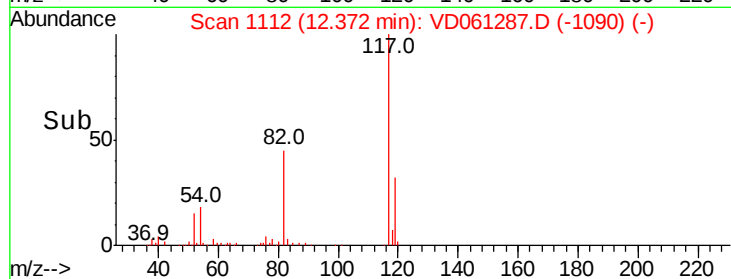
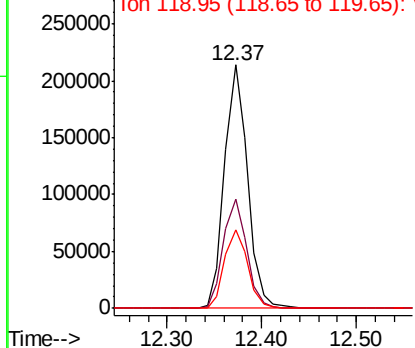
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061287.D
Acq: 23 Mar 2019 18:15

Instrument :
MSVOA_D
ClientSampled :
CS-3RE

Tot Ion:117 Resp: 360735
Ion Ratio Lower Upper
117 100
82 45.1 38.9 58.3
119 32.3 26.6 39.8

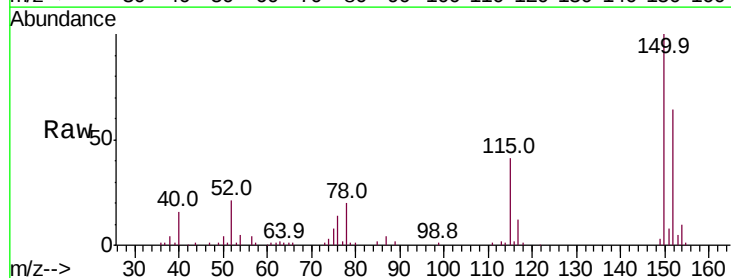


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061287.D
Acq: 23 Mar 2019 18:15

Tgt Ion:152 Resp: 76584
Ion Ratio Lower Upper
152 100
115 64.2 28.6 85.9
150 156.5 0.0 310.6



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

