

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032319\
 Data File : VD061292.D
 Acq On : 23 Mar 2019 20:33
 Operator : VA/AP
 Sample : K2056-04RE
 Misc : 7.94g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-10RE

Quant Time: Mar 25 06:08:03 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

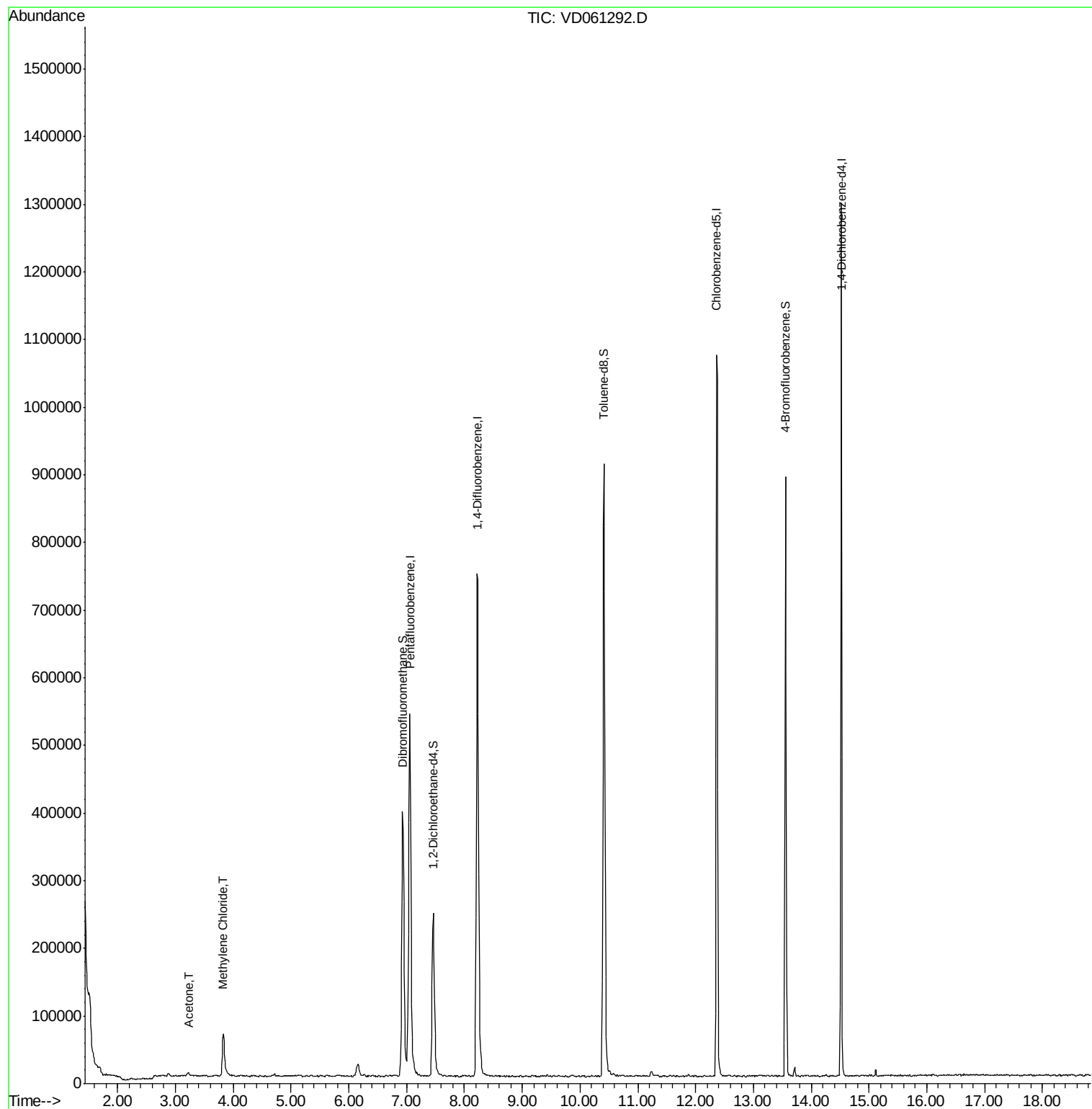
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	557155	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	998708	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	728026	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	296921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	238122	51.35	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.70%	
35) Dibromofluoromethane	6.93	113	378187	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.41	98	850582	45.70	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	13.55	95	277946	38.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.98%	
Target Compounds						
16) Acetone	3.23	43	9784	7.378	ug/l	94
20) Methylene Chloride	3.83	84	49934	3.964	ug/l	94

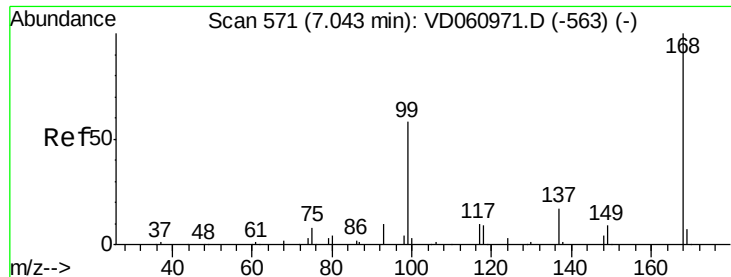
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061292.D

Acq: 23 Mar 2019 20:33

Instrument :

MSVOA_D

ClientSampleId :

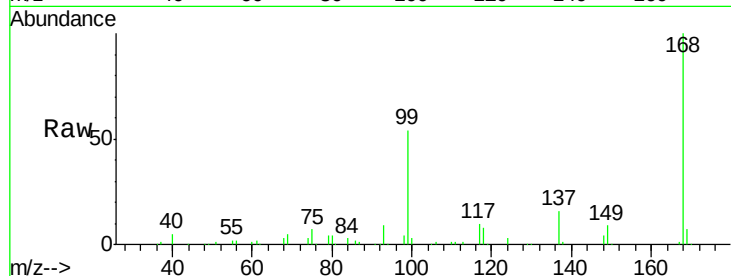
CS-10RE

Tot Ion:168 Resp: 557155

Ion Ratio Lower Upper

168 100

99 53.9 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

200000

150000

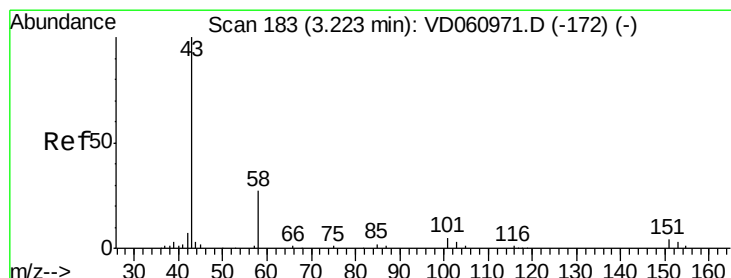
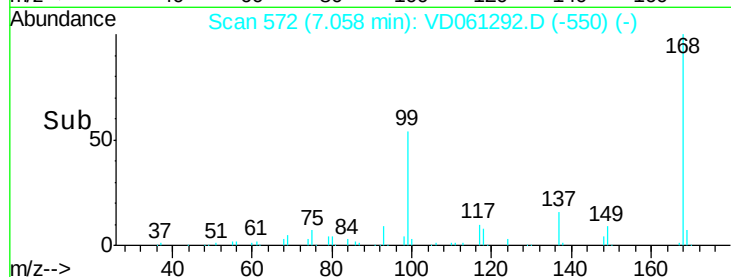
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 7.378 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061292.D

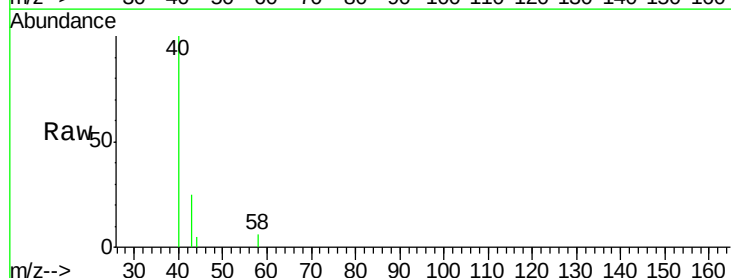
Acq: 23 Mar 2019 20:33

Tgt Ion: 43 Resp: 9784

Ion Ratio Lower Upper

43 100

58 23.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

3000

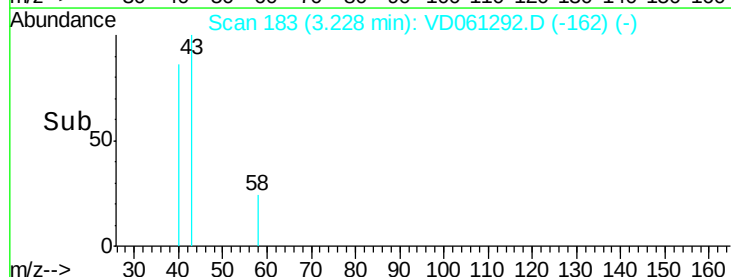
2000

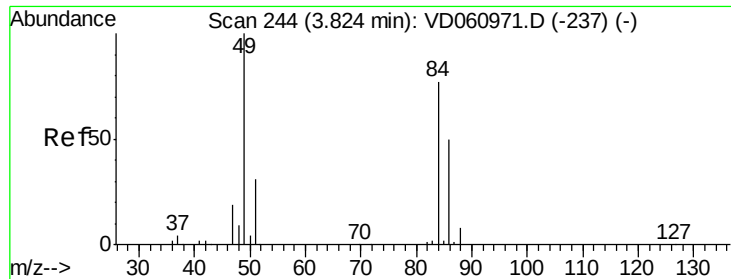
1000

0

Time-->

3.15 3.20 3.25 3.30

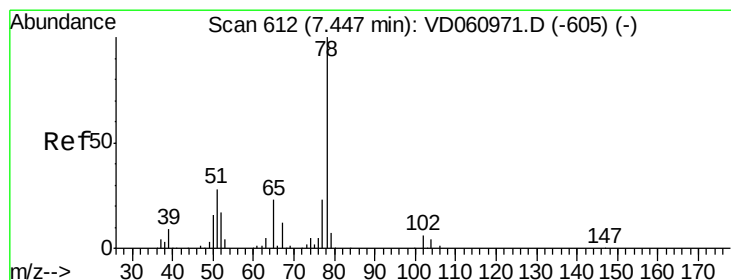
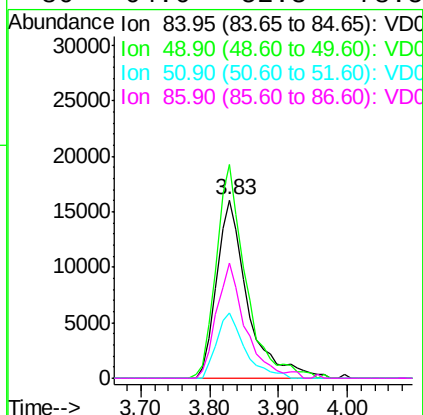
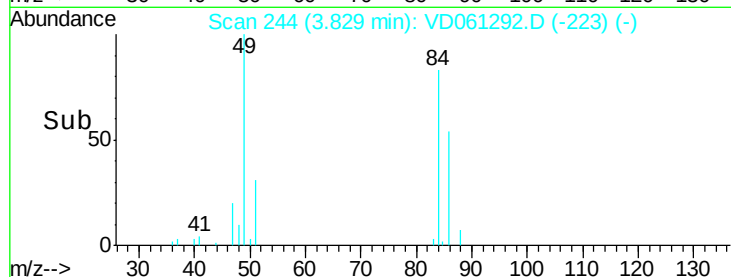
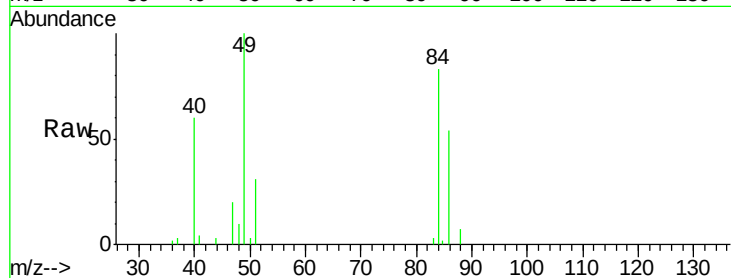




#20
Methylene Chloride
Concen: 3.964 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061292.D
Acq: 23 Mar 2019 20:33

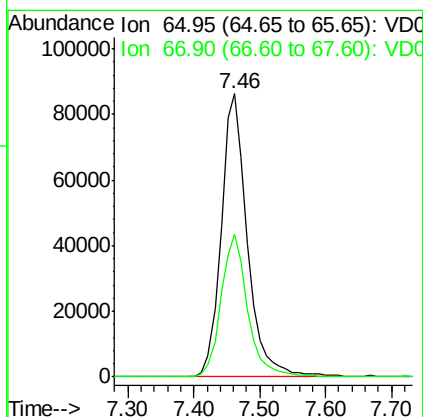
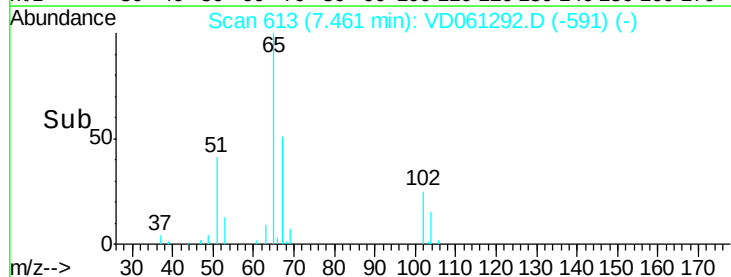
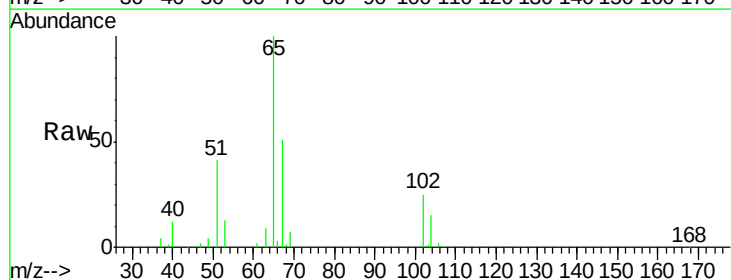
Instrument :
MSVOA_D
ClientSampled :
CS-10RE

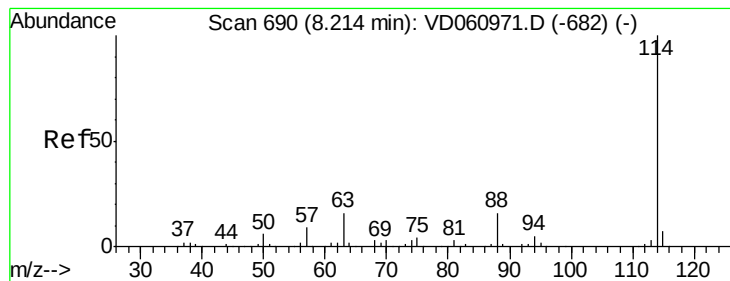
Tot Ion: 84 Resp: 49934
Ion Ratio Lower Upper
84 100
49 119.9 104.2 156.2
51 36.6 32.3 48.5
86 64.6 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061292.D
Acq: 23 Mar 2019 20:33

Tgt Ion: 65 Resp: 238122
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061292.D

Acq: 23 Mar 2019 20:33

Instrument :

MSVOA_D

ClientSampleId :

CS-10RE

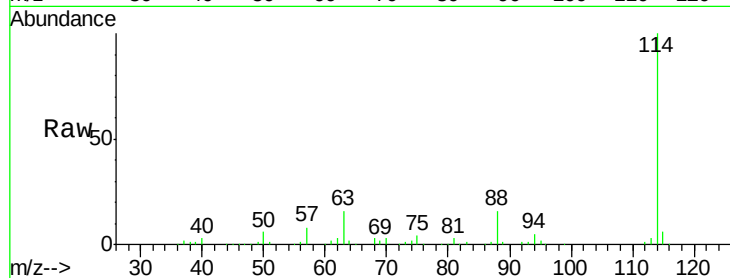
Tot Ion:114 Resp: 998708

Ion Ratio Lower Upper

114 100

63 15.5 0.0 31.4

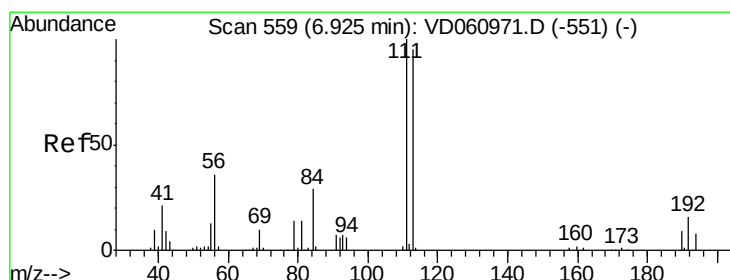
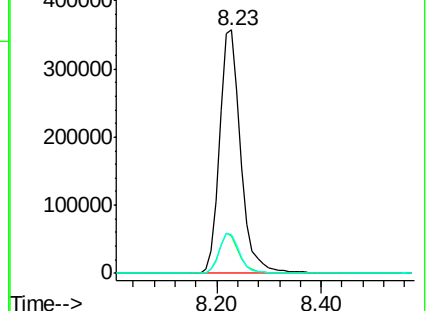
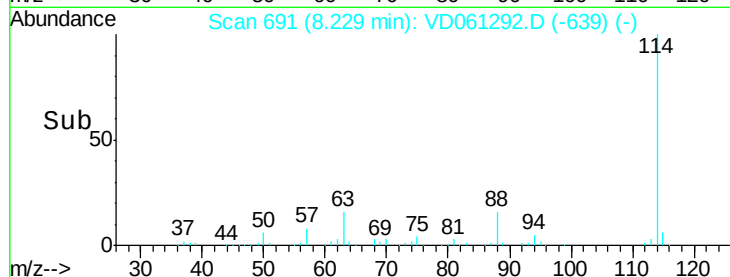
88 16.2 0.0 33.0



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: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061292.D

Acq: 23 Mar 2019 20:33

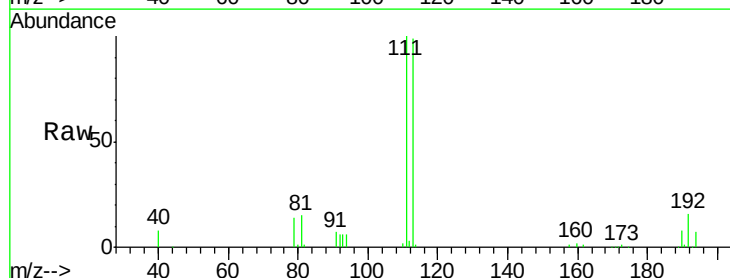
Tgt Ion:113 Resp: 378187

Ion Ratio Lower Upper

113 100

111 100.5 84.2 126.4

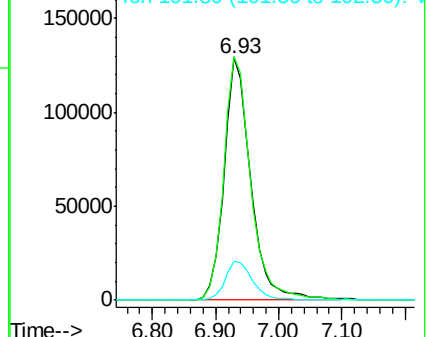
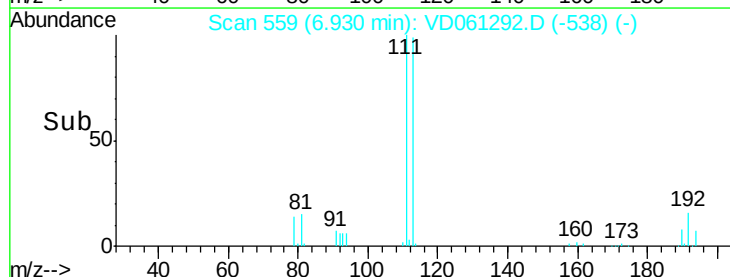
192 16.1 13.1 19.7

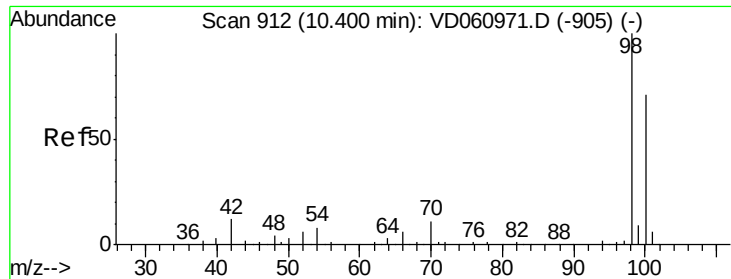


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

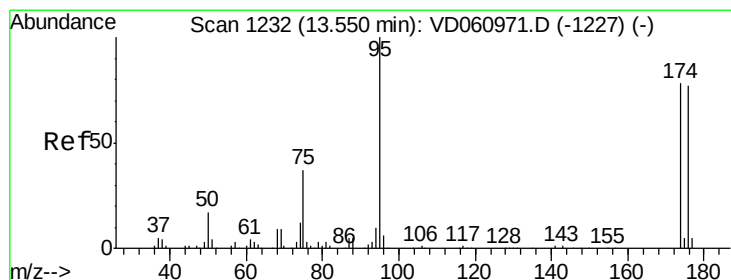
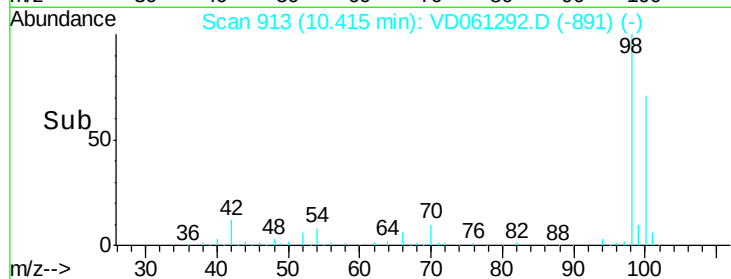
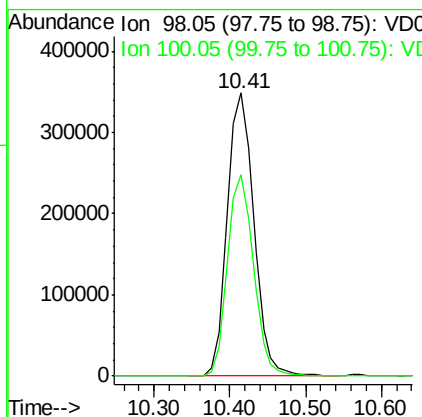
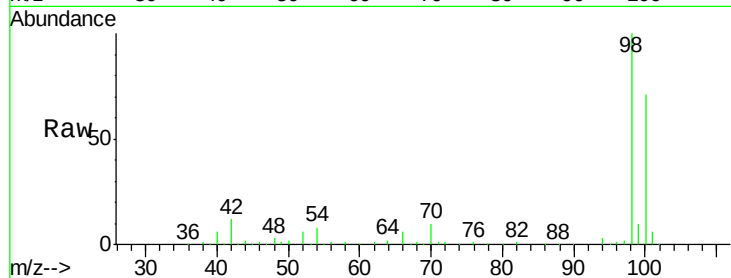




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061292.D
Acq: 23 Mar 2019 20:33

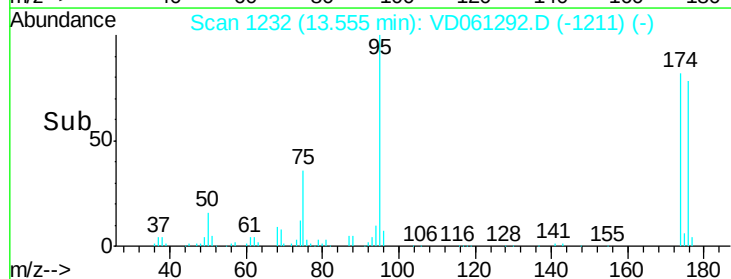
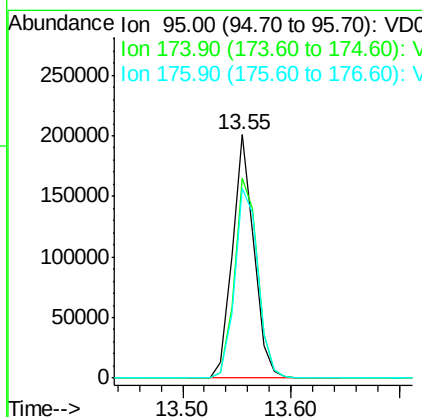
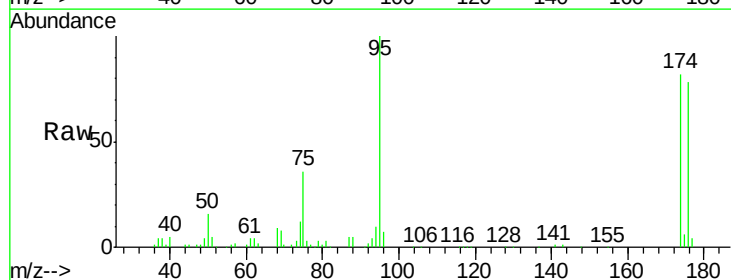
Instrument :
MSVOA_D
ClientSampleId :
CS-10RE

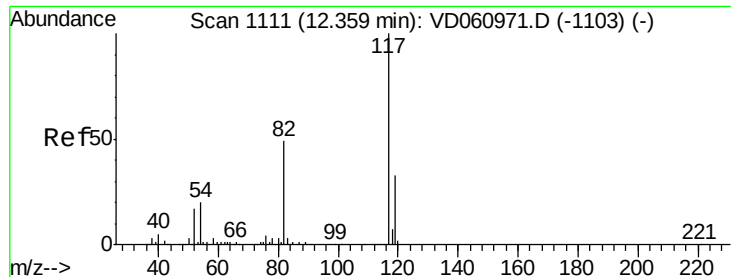
Tot Ion: 98 Resp: 850582
Ion Ratio Lower Upper
98 100
100 71.1 57.4 86.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061292.D
Acq: 23 Mar 2019 20:33

Tgt Ion: 95 Resp: 277946
Ion Ratio Lower Upper
95 100
174 81.9 0.0 155.6
176 77.8 0.0 153.8

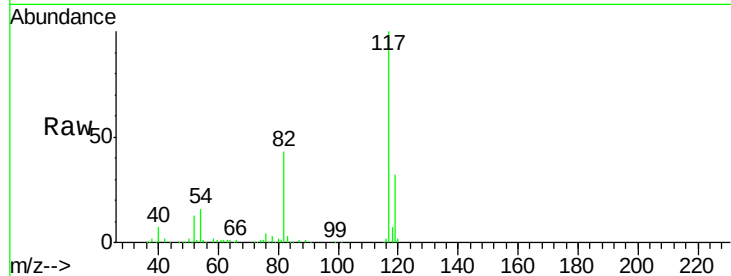




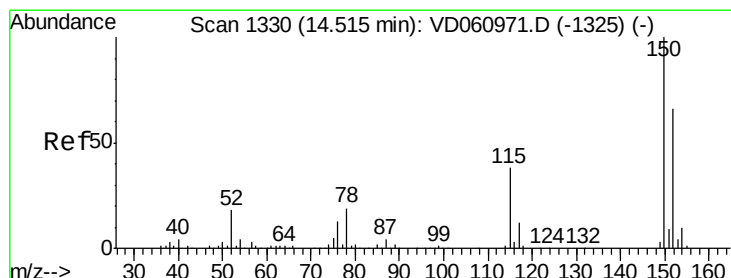
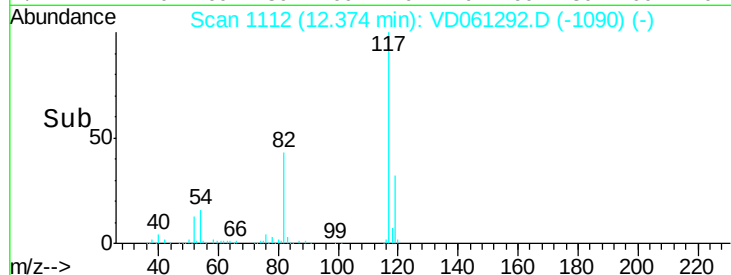
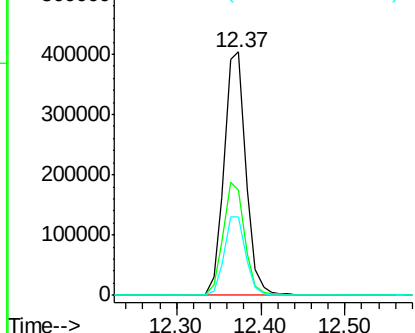
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061292.D
Acq: 23 Mar 2019 20:33

Instrument :
MSVOA_D
ClientSampled :
CS-10RE

Tot Ion:117 Resp: 728026
Ion Ratio Lower Upper
117 100
82 43.3 38.9 58.3
119 32.0 26.6 39.8

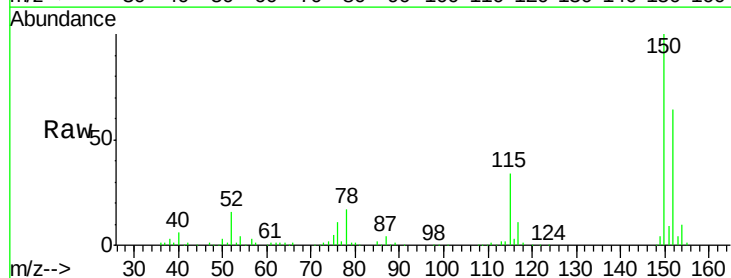


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061292.D
Acq: 23 Mar 2019 20:33

Tgt Ion:152 Resp: 296921
Ion Ratio Lower Upper
152 100
115 53.7 28.6 85.9
150 156.4 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

