

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061397.D
 Acq On : 28 Mar 2019 18:09
 Operator : VA/AP
 Sample : K2097-01RE
 Misc : 3.38g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-20RE

Quant Time: Mar 29 01:37:15 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

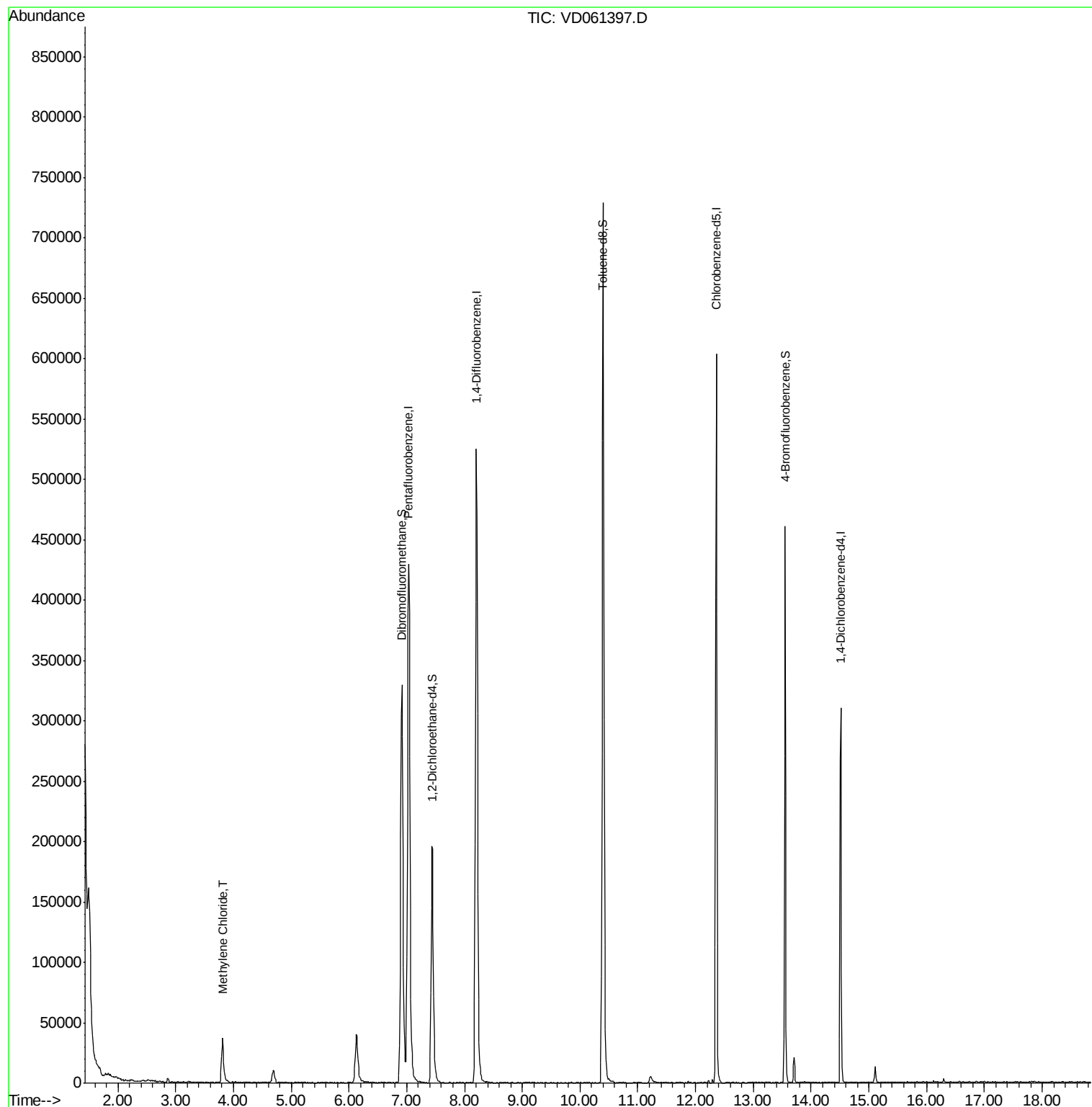
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	461802	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	665859	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	381529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	78730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	196899	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	6.91	113	326705	64.21	ug/l	0.01
Spiked Amount 50.000			Recovery	=	128.42%	
50) Toluene-d8	10.40	98	637472	52.23	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	13.55	95	140640	30.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.10%	
Target Compounds						
20) Methylene Chloride	3.81	84	26338	2.825	ug/l	Qvalue 87

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061397.D

Acq: 28 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

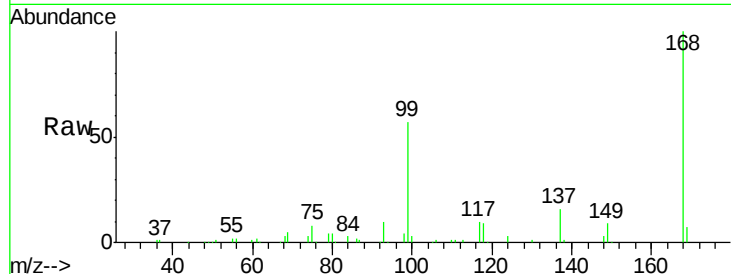
CS-20RE

Tot Ion:168 Resp: 461802

Ion Ratio Lower Upper

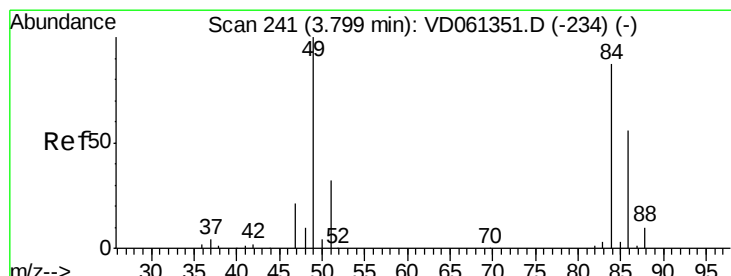
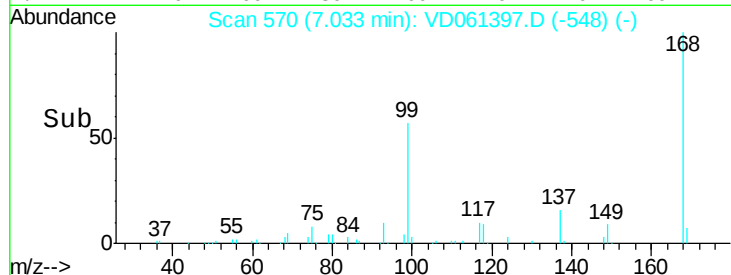
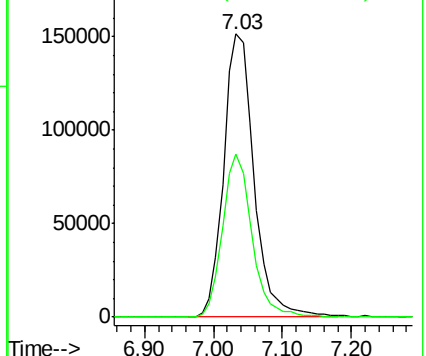
168 100

99 57.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.825 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061397.D

Acq: 28 Mar 2019 18:09

Tgt Ion: 84 Resp: 26338

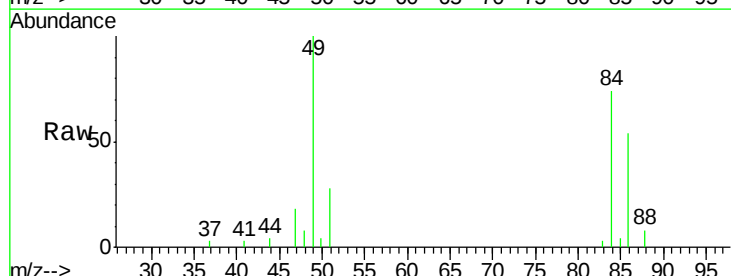
Ion Ratio Lower Upper

84 100

49 134.5 91.8 137.8

51 37.3 29.8 44.8

86 72.7 51.8 77.6

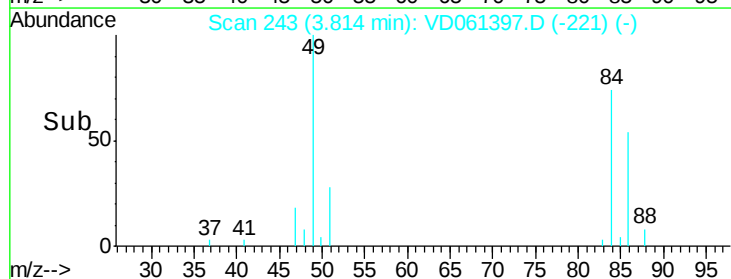
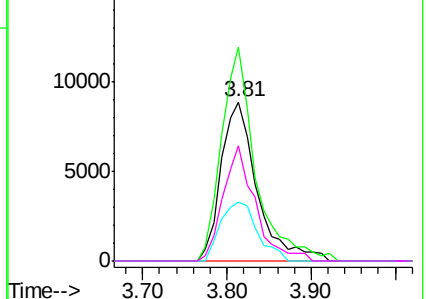


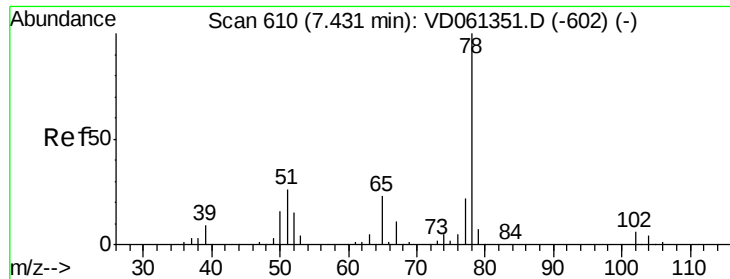
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

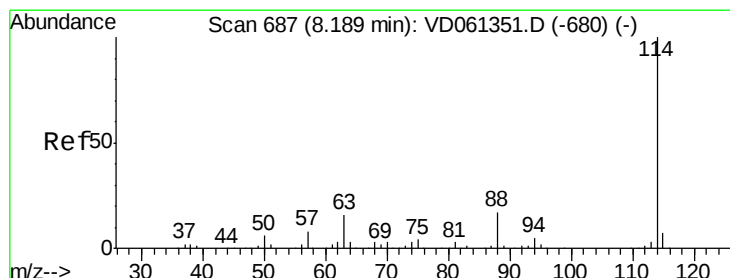
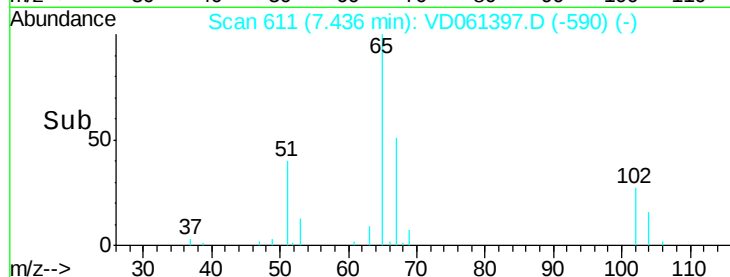
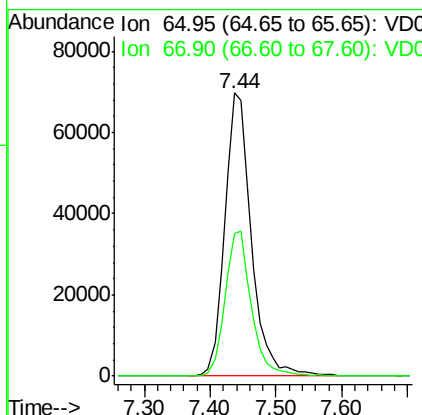
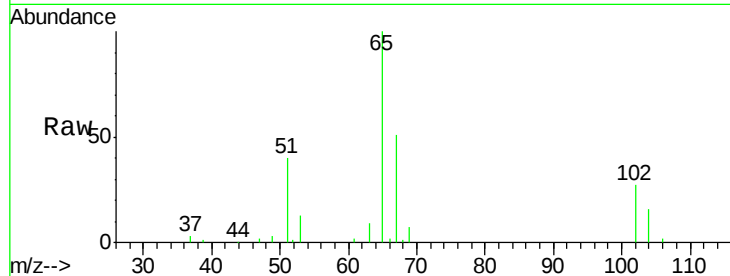




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061397.D
 Acq: 28 Mar 2019 18:09

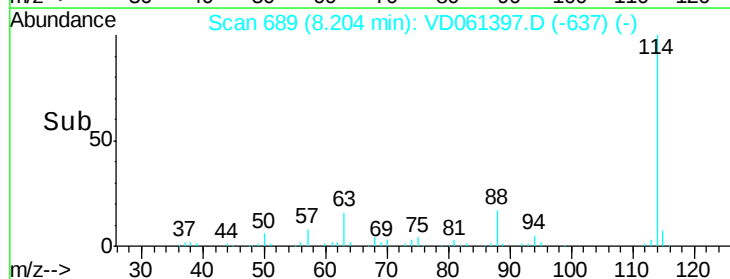
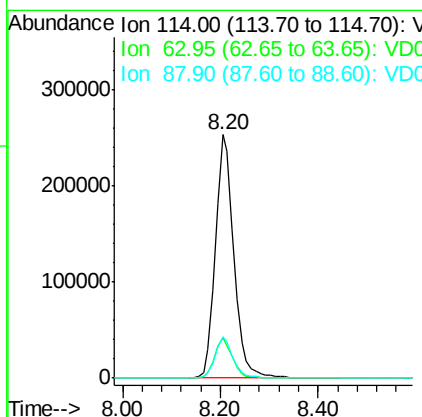
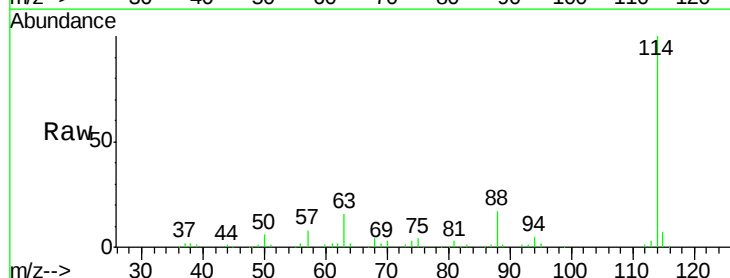
Instrument :
 MSVOA_D
 ClientSampleId :
 CS-20RE

Tot Ion: 65 Resp: 196899
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061397.D
 Acq: 28 Mar 2019 18:09

Tgt Ion: 114 Resp: 665859
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 31.6
 88 16.8 0.0 33.4

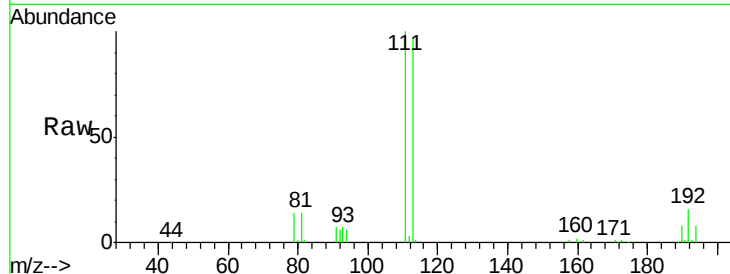




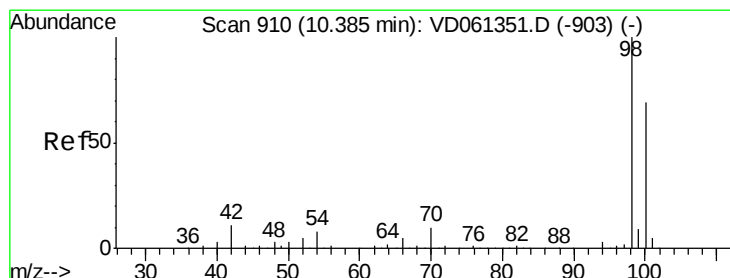
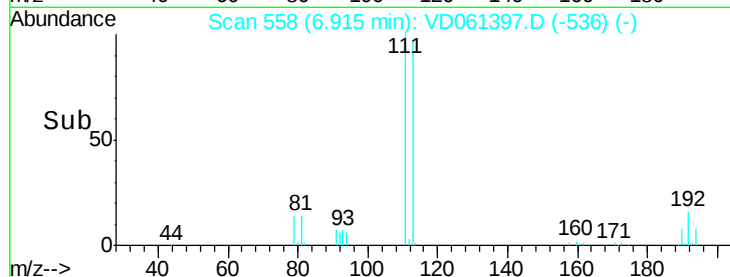
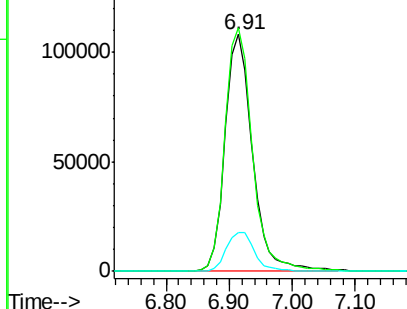
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 558
Delta R.T. 0.01 min
Lab File: VD061397.D
Acq: 28 Mar 2019 18:09

Instrument :
MSVOA_D
ClientSampleId :
CS-20RE

Tot Ion:113 Resp: 326705
Ion Ratio Lower Upper
113 100
111 102.9 81.0 121.6
192 16.3 14.4 21.6

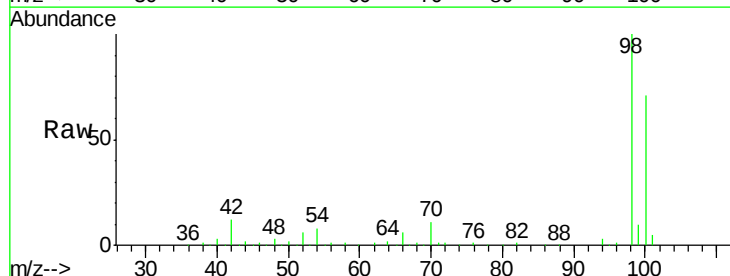


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

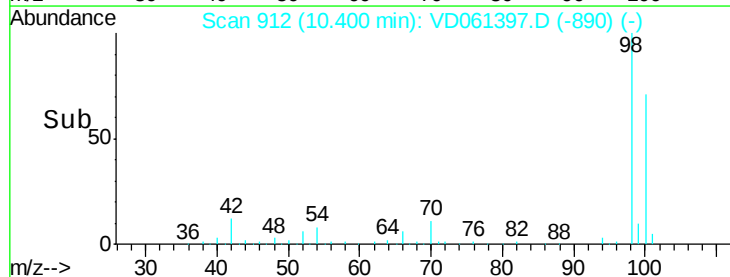
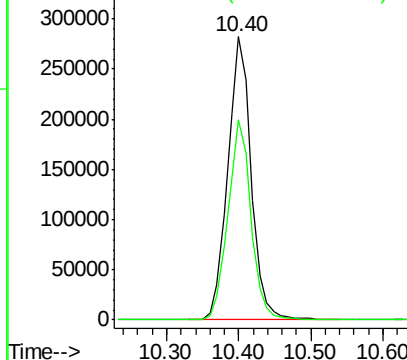


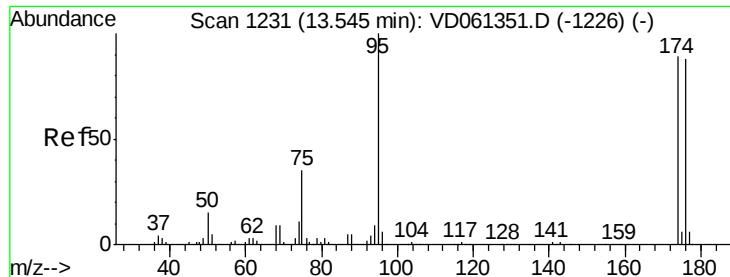
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061397.D
Acq: 28 Mar 2019 18:09

Tgt Ion: 98 Resp: 637472
Ion Ratio Lower Upper
98 100
100 70.8 56.2 84.2



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

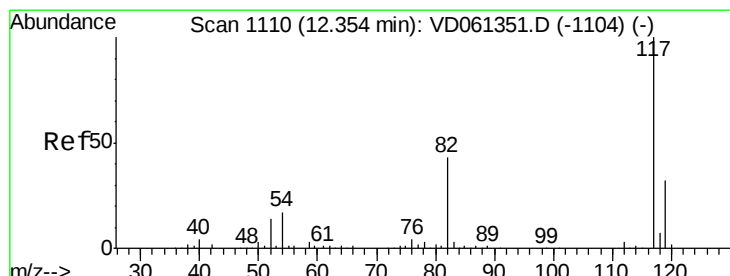
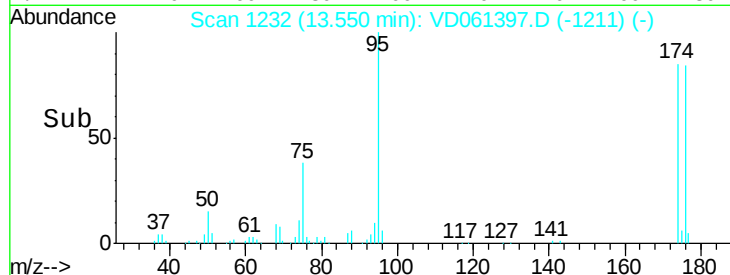
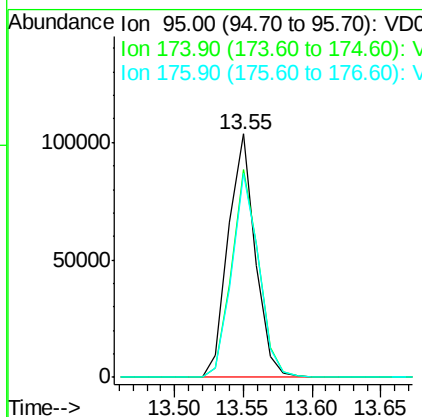
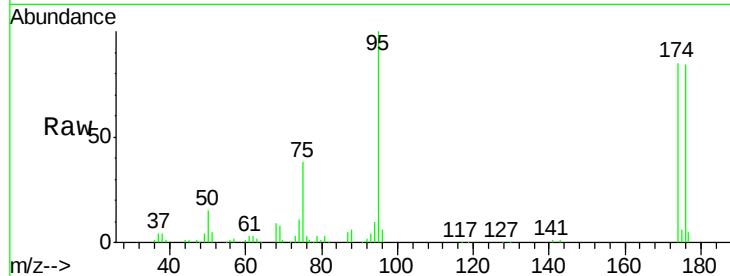




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061397.D
Acq: 28 Mar 2019 18:09

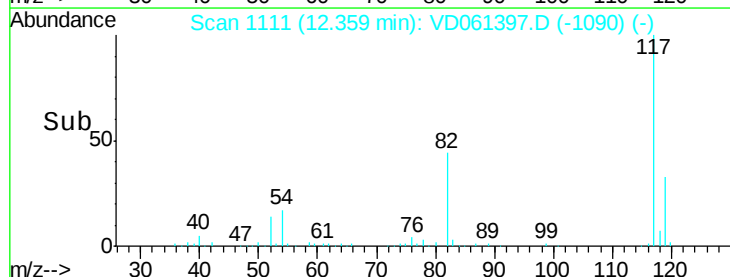
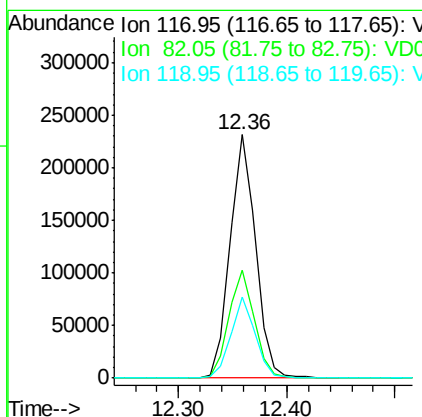
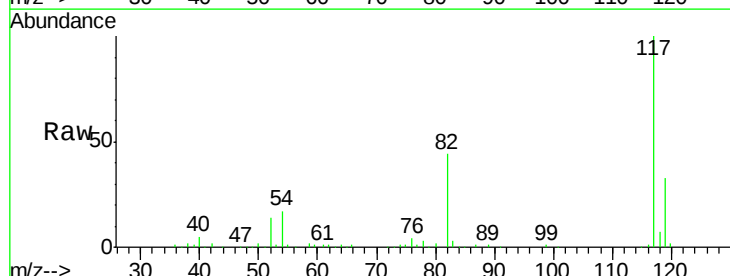
Instrument :
MSVOA_D
ClientSampled :
CS-20RE

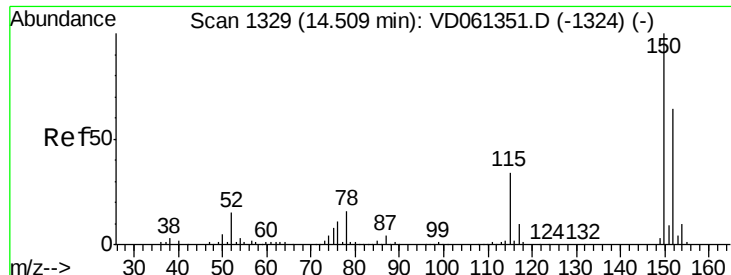
Tot Ion: 95 Resp: 140640
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.0
176 83.7 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061397.D
Acq: 28 Mar 2019 18:09

Tgt Ion: 117 Resp: 381529
Ion Ratio Lower Upper
117 100
82 44.2 34.4 51.6
119 33.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061397.D

Acq: 28 Mar 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

CS-20RE

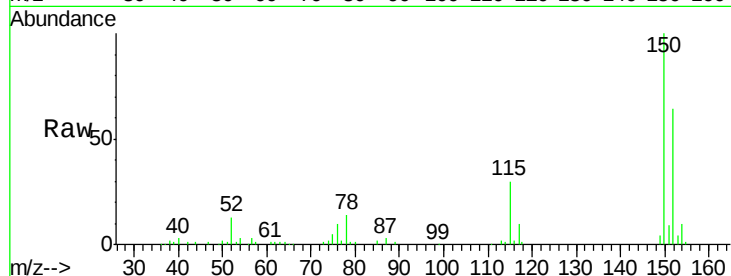
Tot Ion:152 Resp: 78730

Ion Ratio Lower Upper

152 100

115 47.1 26.9 80.6

150 156.1 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

