

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061400.D
 Acq On : 28 Mar 2019 19:32
 Operator : VA/AP
 Sample : K2097-04RE
 Misc : 3.05g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-19RE

Quant Time: Mar 29 01:43:52 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

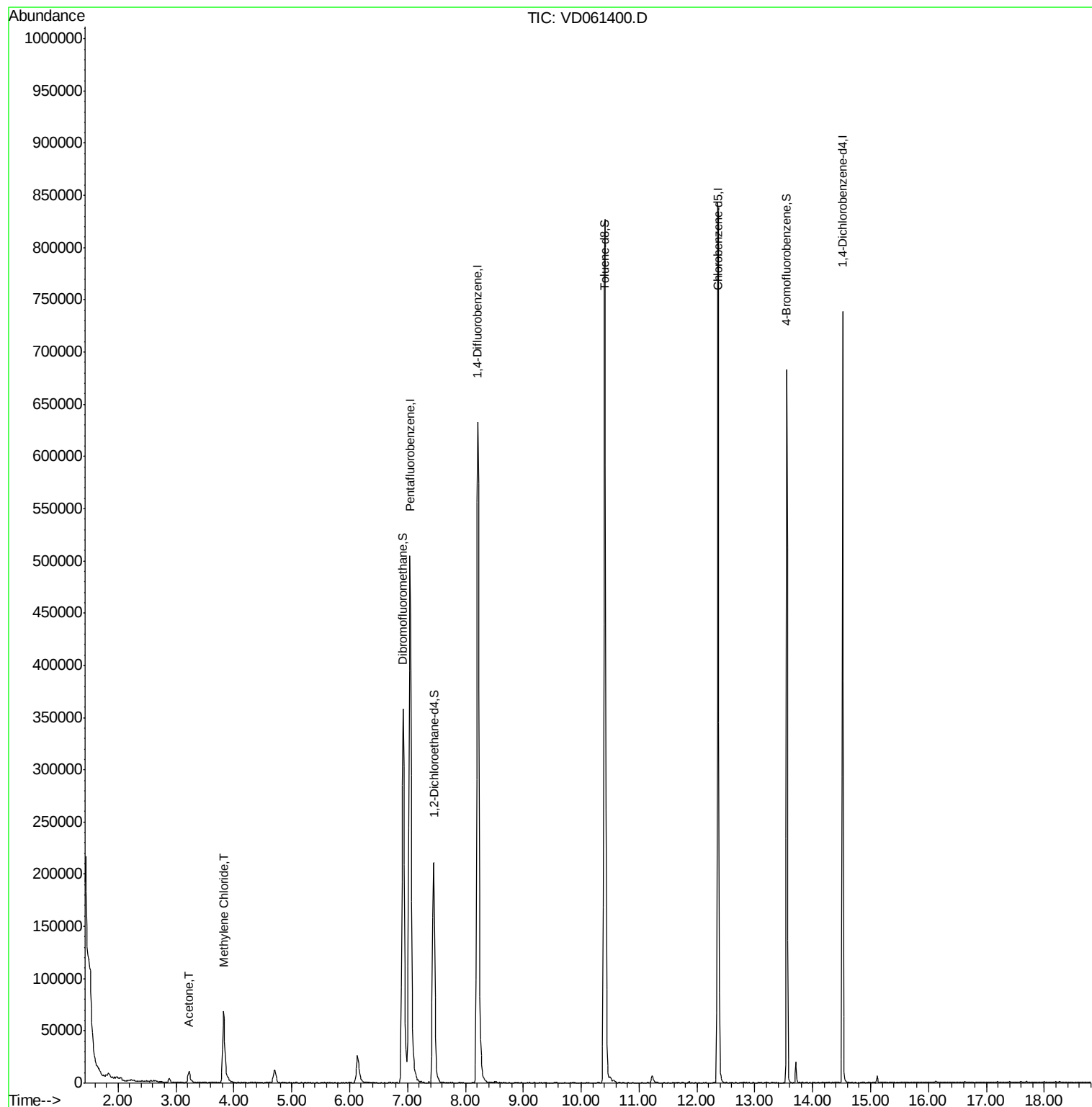
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	520628	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	847068	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	573966	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	161453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	216592	48.70	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.40%	
35) Dibromofluoromethane	6.92	113	342089	52.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.70%	
50) Toluene-d8	10.41	98	754773	48.61	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	13.55	95	212784	35.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.48%	
Target Compounds						
16) Acetone	3.22	43	23072	20.181	ug/l #	82
20) Methylene Chloride	3.82	84	52580	6.541	ug/l #	84

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD061400.D

Acq: 28 Mar 2019 19:32

Instrument :

MSVOA_D

ClientSampleId :

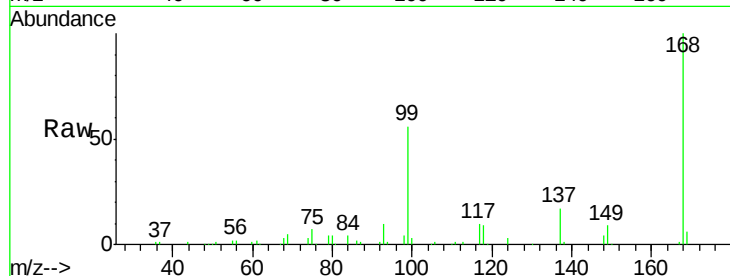
CS-19RE

Tot Ion:168 Resp: 520628

Ion Ratio Lower Upper

168 100

99 56.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

150000

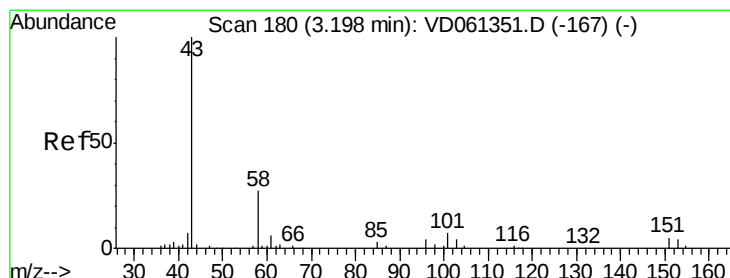
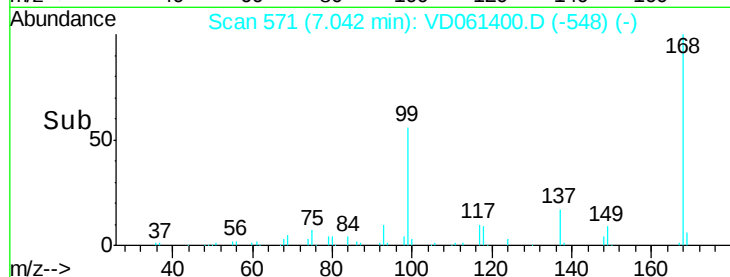
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 20.181 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061400.D

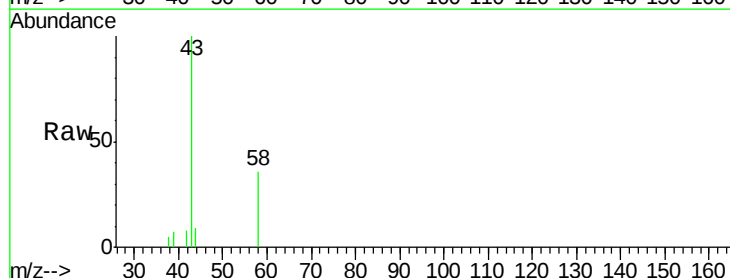
Acq: 28 Mar 2019 19:32

Tgt Ion: 43 Resp: 23072

Ion Ratio Lower Upper

43 100

58 36.3 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

8000

6000

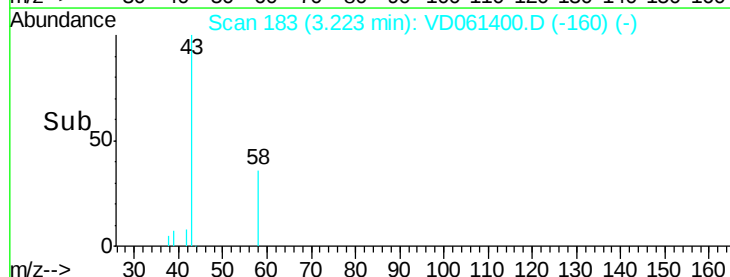
4000

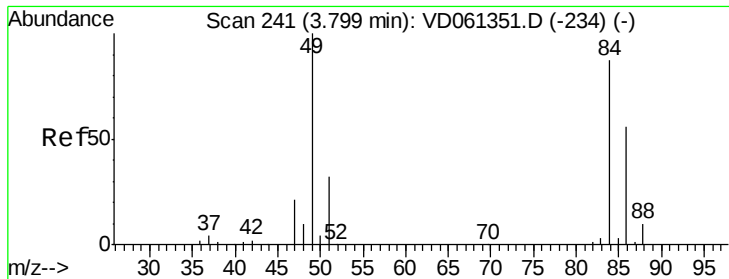
2000

0

3.20 3.30

Time-->

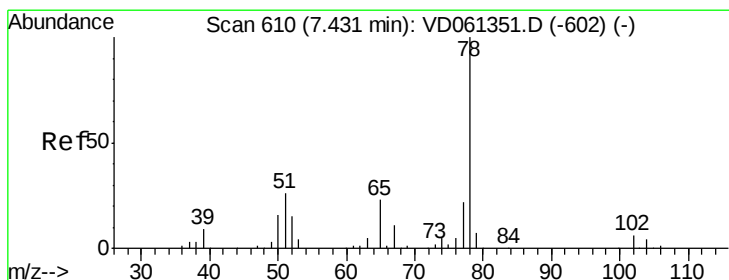
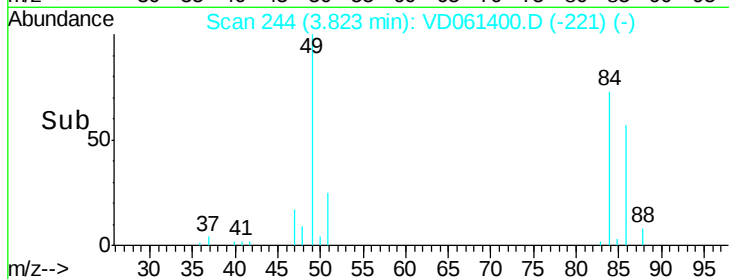
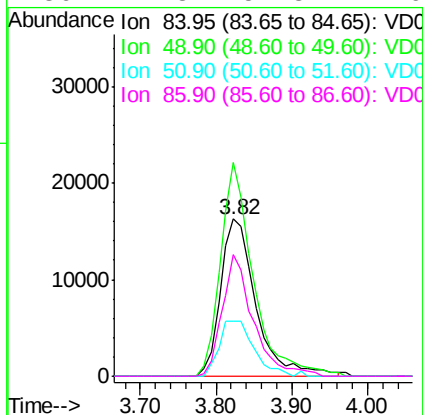
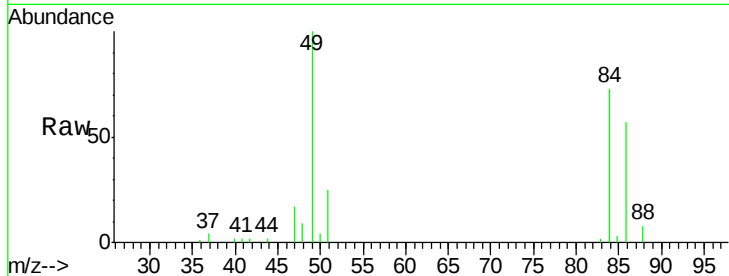




#20
Methylene Chloride
Concen: 6.541 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061400.D
Acq: 28 Mar 2019 19:32

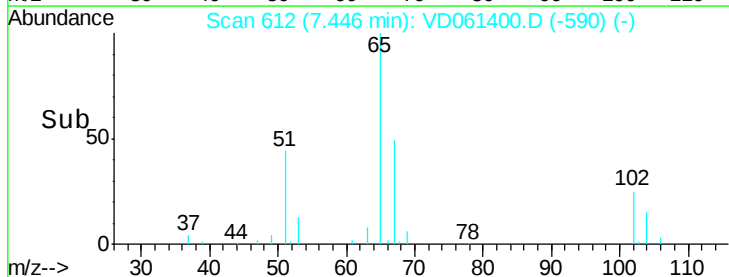
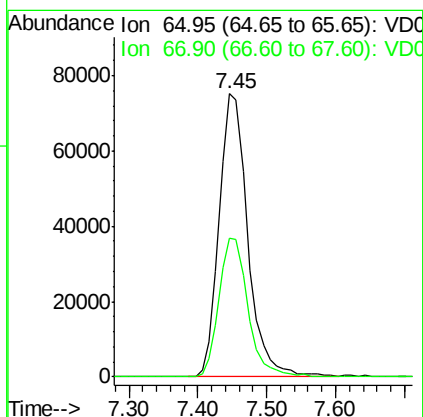
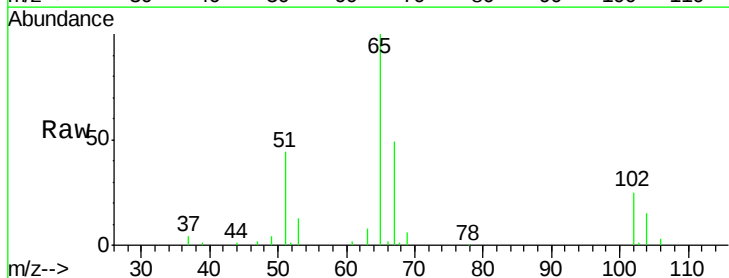
Instrument :
MSVOA_D
ClientSampleId :
CS-19RE

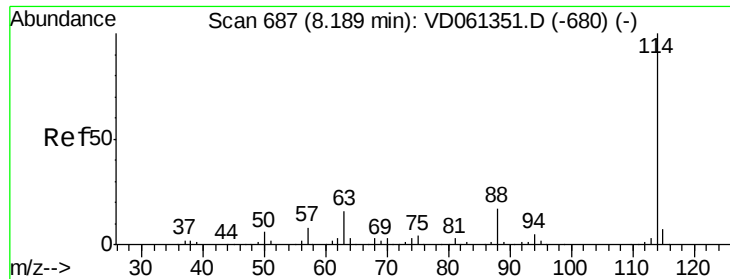
Tot Ion: 84 Resp: 52580
Ion Ratio Lower Upper
84 100
49 136.1 91.8 137.8
51 34.7 29.8 44.8
86 77.8 51.8 77.6#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD061400.D
Acq: 28 Mar 2019 19:32

Tgt Ion: 65 Resp: 216592
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD061400.D

Acq: 28 Mar 2019 19:32

Instrument :

MSVOA_D

ClientSampleId :

CS-19RE

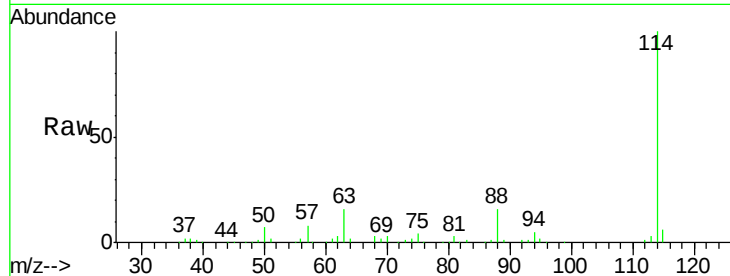
Tot Ion:114 Resp: 847068

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.6

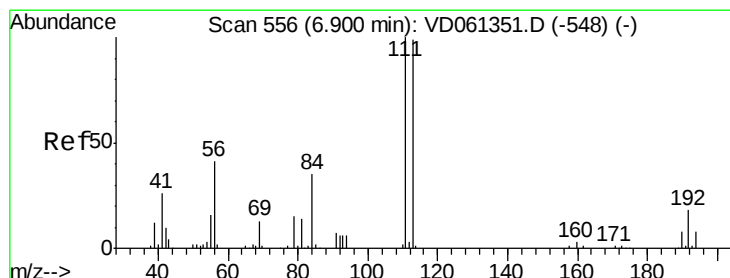
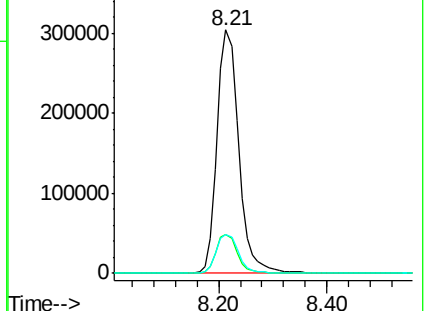
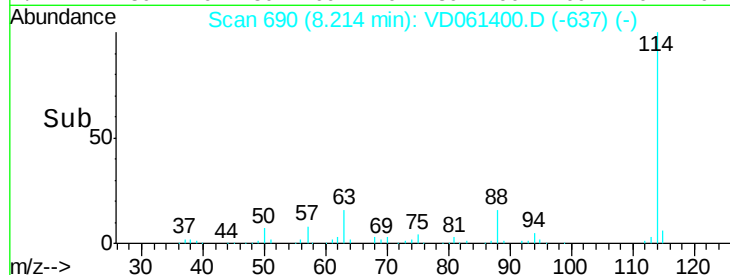
88 16.2 0.0 33.4



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: 6.92 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD061400.D

Acq: 28 Mar 2019 19:32

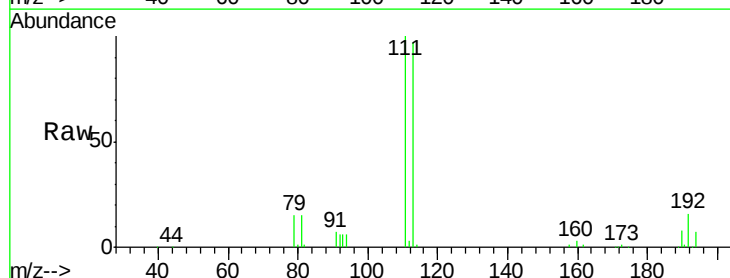
Tgt Ion:113 Resp: 342089

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.6

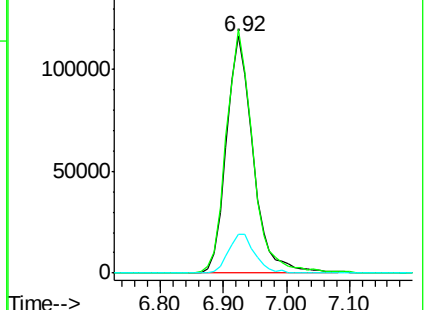
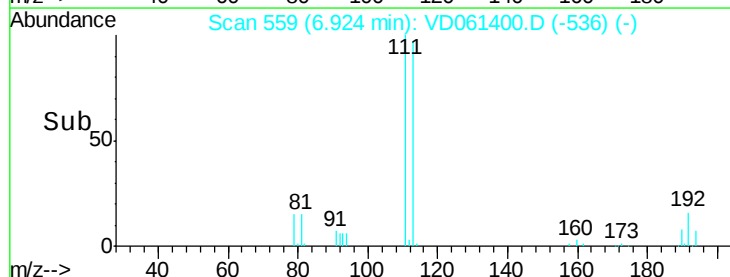
192 16.5 14.4 21.6

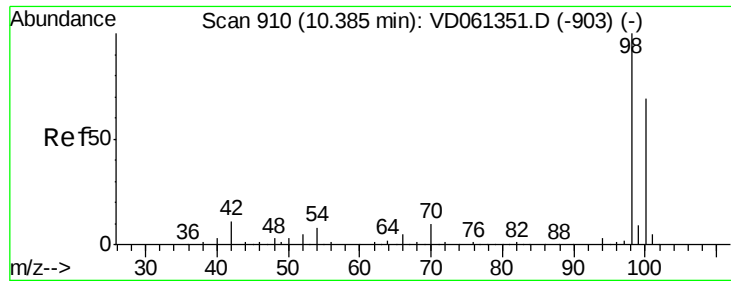


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

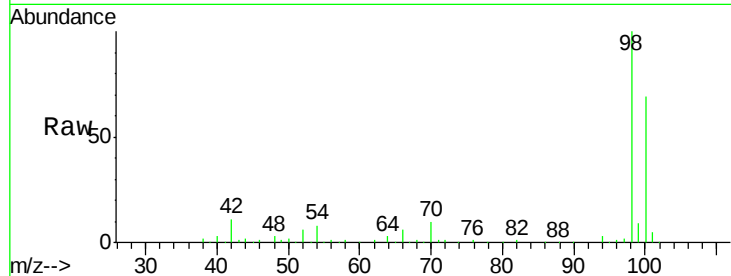




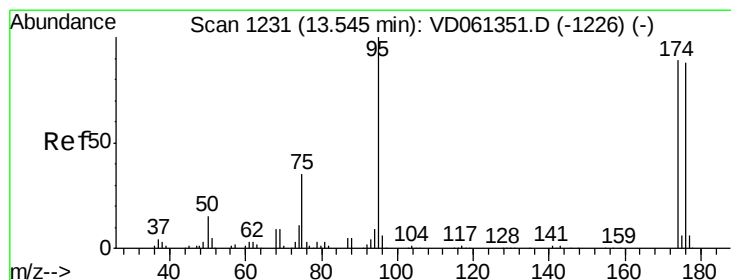
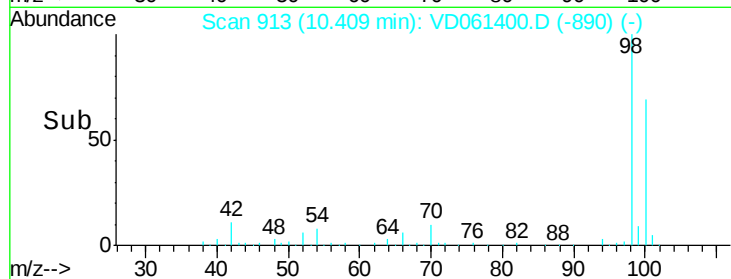
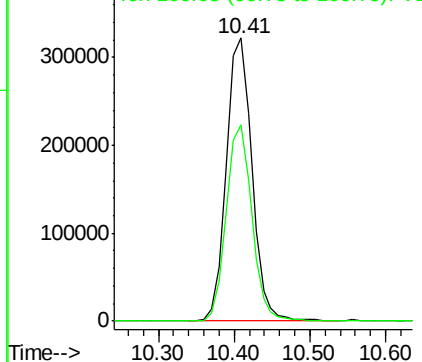
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD061400.D
Acq: 28 Mar 2019 19:32

Instrument :
MSVOA_D
ClientSampleId :
CS-19RE

Tot Ion: 98 Resp: 754773
Ion Ratio Lower Upper
98 100
100 69.5 56.2 84.2

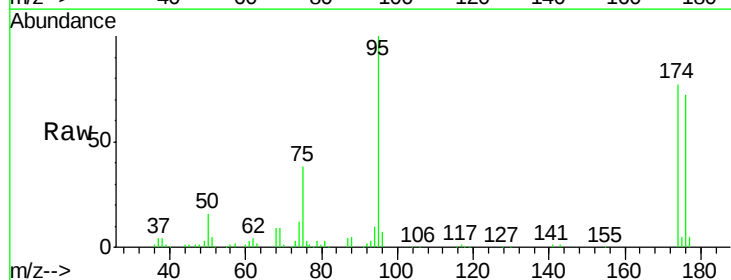


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

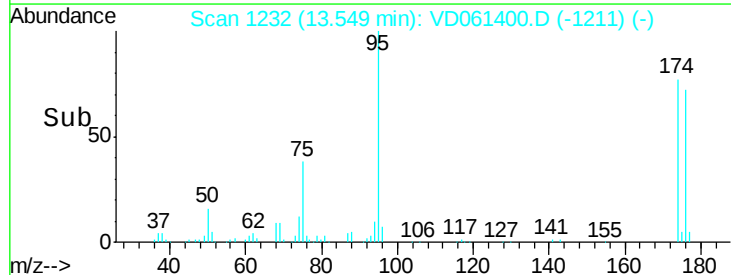
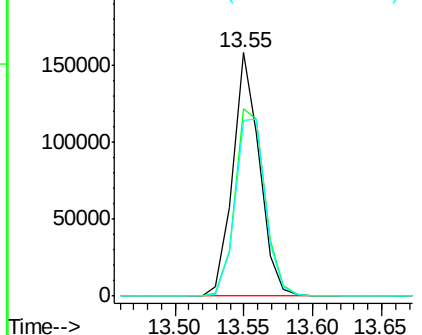


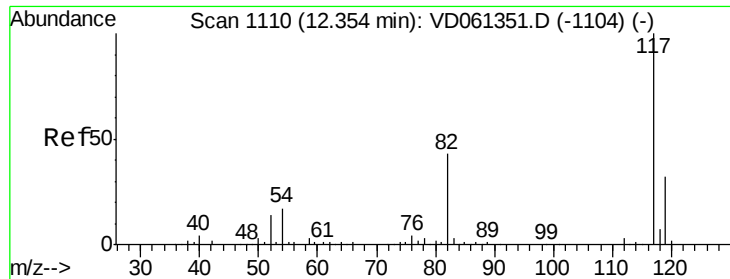
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061400.D
Acq: 28 Mar 2019 19:32

Tgt Ion: 95 Resp: 212784
Ion Ratio Lower Upper
95 100
174 77.1 0.0 178.0
176 72.0 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

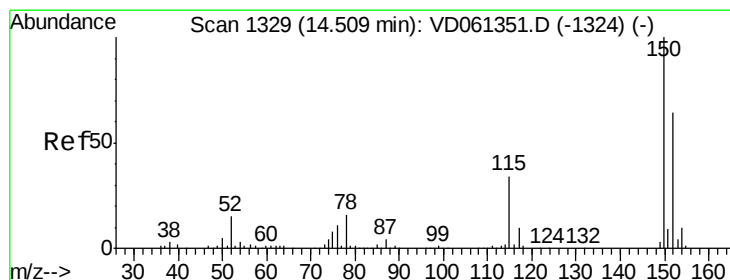
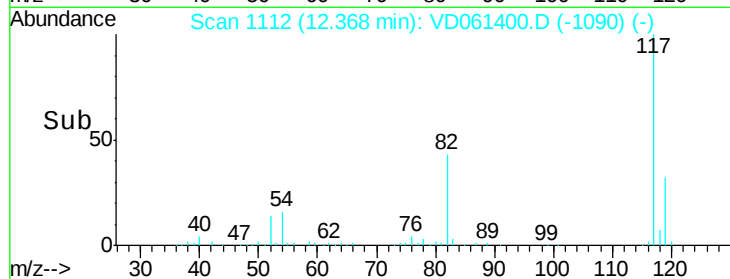
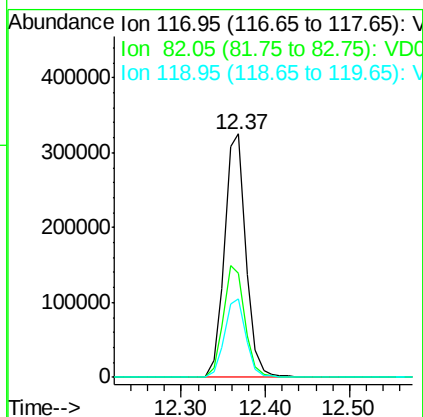
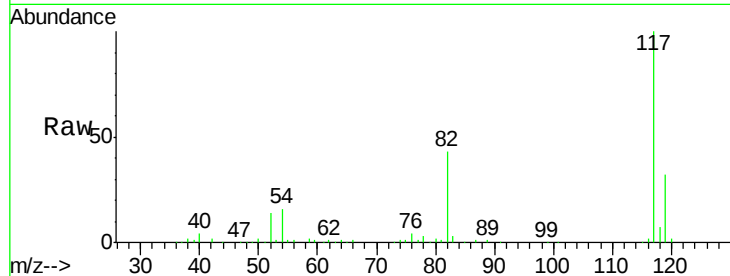




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061400.D
Acq: 28 Mar 2019 19:32

Instrument :
MSVOA_D
ClientSampleId :
CS-19RE

Tot Ion:117 Resp: 573966
Ion Ratio Lower Upper
117 100
82 42.7 34.4 51.6
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061400.D
Acq: 28 Mar 2019 19:32

Tgt Ion:152 Resp: 161453
Ion Ratio Lower Upper
152 100
115 58.3 26.9 80.6
150 157.6 0.0 318.0

