

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061402.D
 Acq On : 28 Mar 2019 20:27
 Operator : VA/AP
 Sample : K2097-06RE
 Misc : 5.78g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-6RE

Quant Time: Mar 29 01:46:46 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

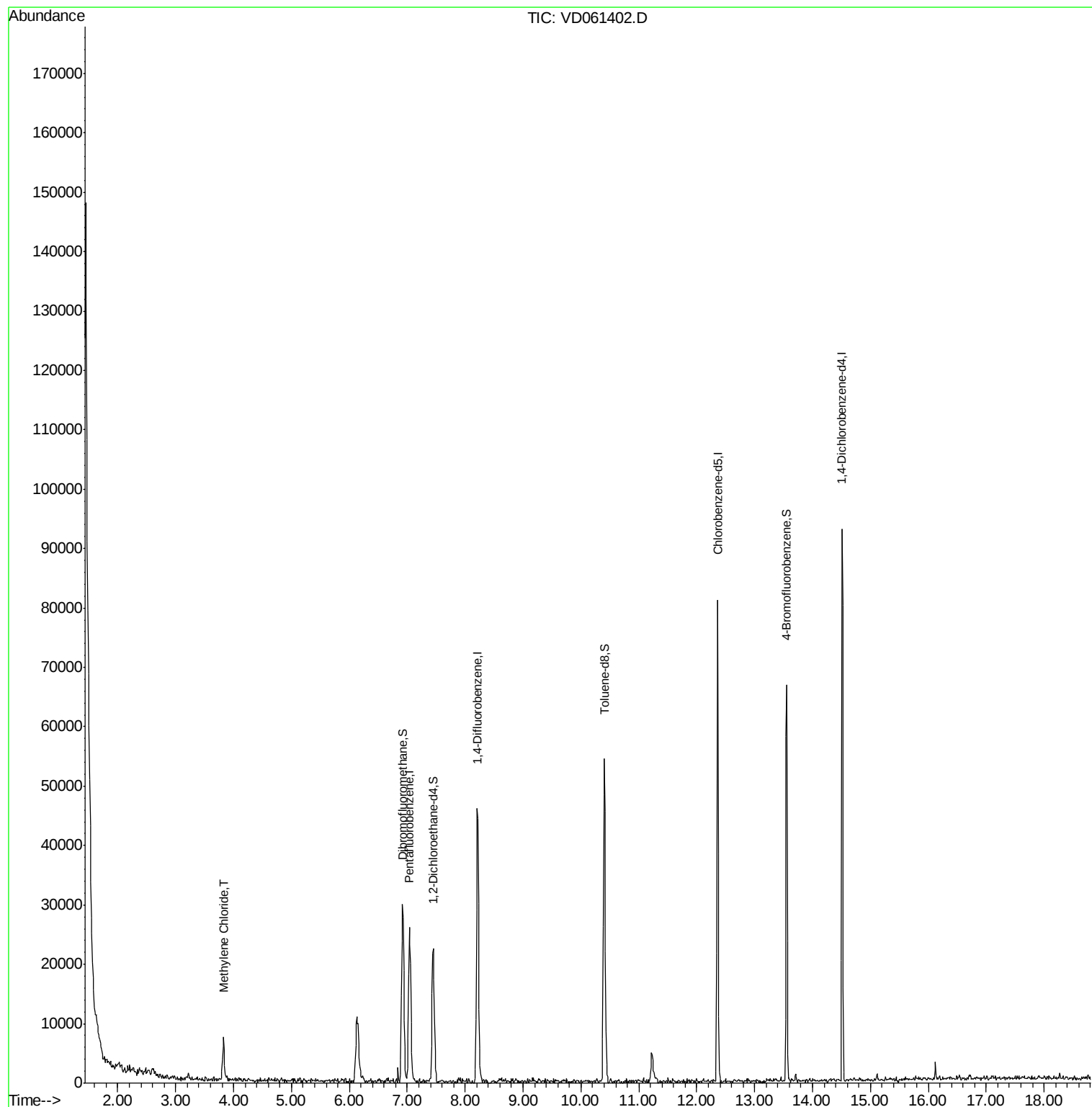
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	30245	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	60801	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	55275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	23040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	23764	91.98	ug/l	0.02
Spiked Amount 50.000			Recovery	=	183.96%	
35) Dibromofluoromethane	6.92	113	28785	61.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	123.90%	
50) Toluene-d8	10.40	98	54443	48.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	13.55	95	22633	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
Target Compounds						
20) Methylene Chloride	3.83	84	5484	13.331	ug/l	Qvalue 88

(#) = 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# 570

Delta R.T. 0.02 min

Lab File: VD061402.D

Acq: 28 Mar 2019 20:27

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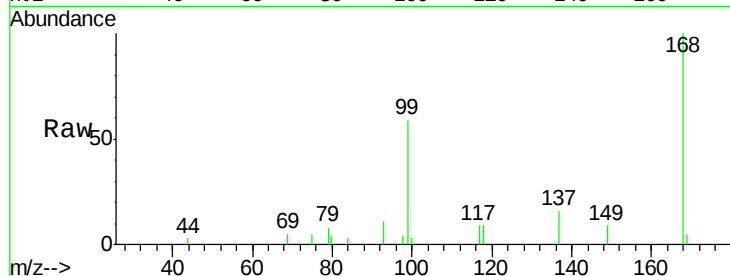
CS-6RE

Tot Ion:168 Resp: 30245

Ion Ratio Lower Upper

168 100

99 59.1 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

12000

10000

8000

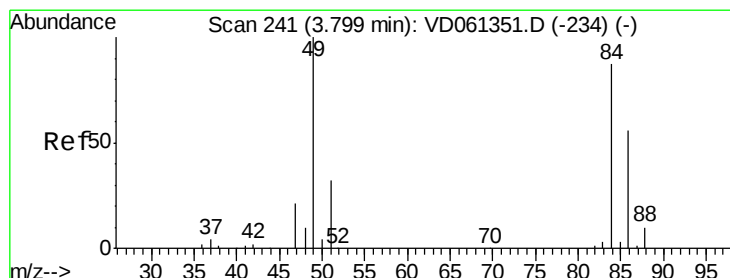
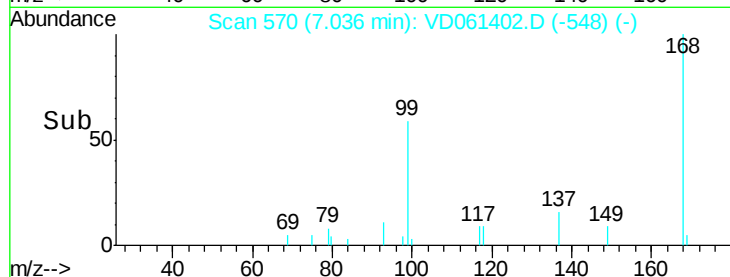
6000

4000

2000

0

Time-->



#20

Methylene Chloride

Concen: 13.331 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD061402.D

Acq: 28 Mar 2019 20:27

Tgt Ion: 84 Resp: 5484

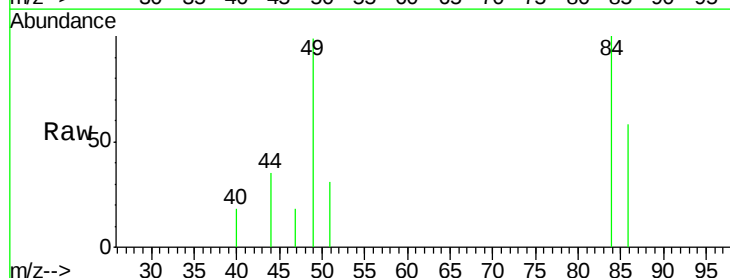
Ion Ratio Lower Upper

84 100

49 98.5 91.8 137.8

51 30.7 29.8 44.8

86 58.3 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

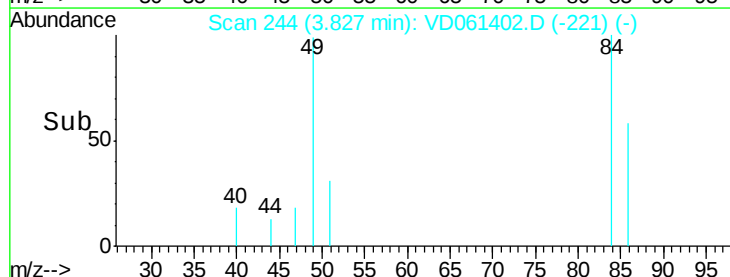
3000

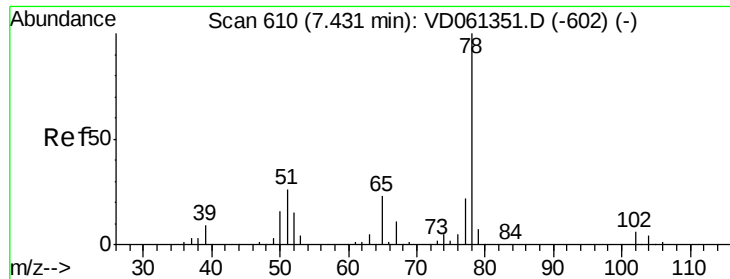
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061402.D

Acq: 28 Mar 2019 20:27

Instrument :

MSVOA_D

ClientSampleId :

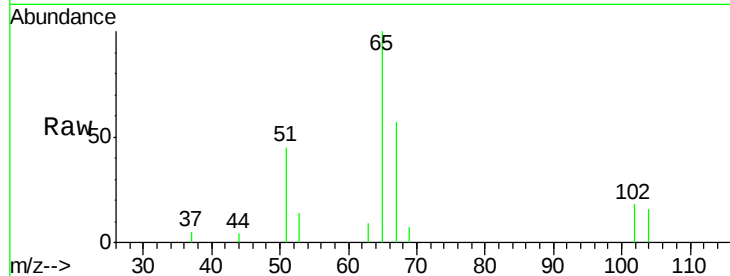
CS-6RE

Tot Ion: 65 Resp: 23764

Ion Ratio Lower Upper

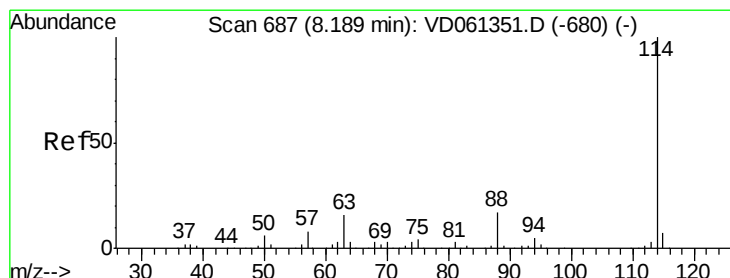
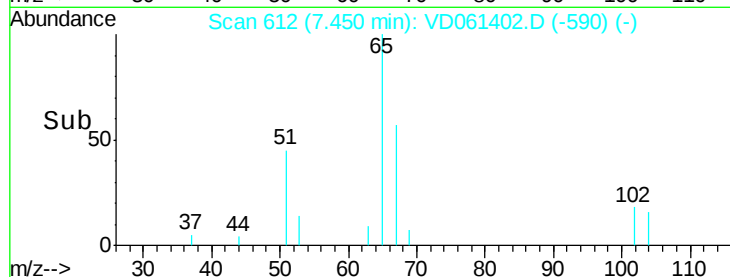
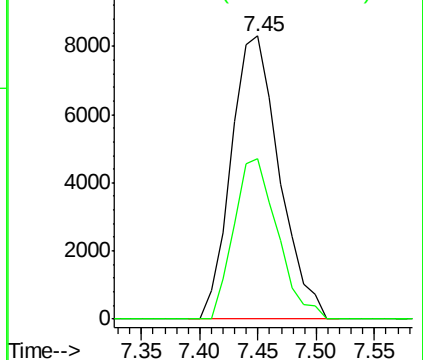
65 100

67 56.5 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: 8.21 min Scan# 689

Delta R.T. 0.02 min

Lab File: VD061402.D

Acq: 28 Mar 2019 20:27

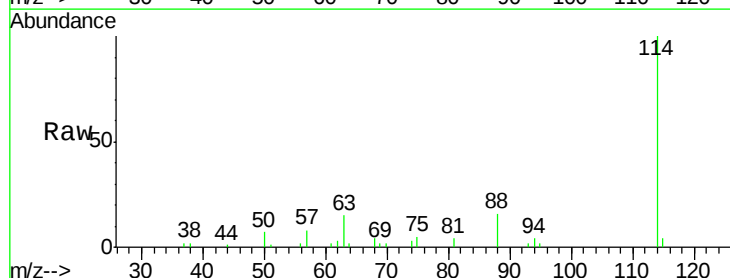
Tgt Ion: 114 Resp: 60801

Ion Ratio Lower Upper

114 100

63 14.7 0.0 31.6

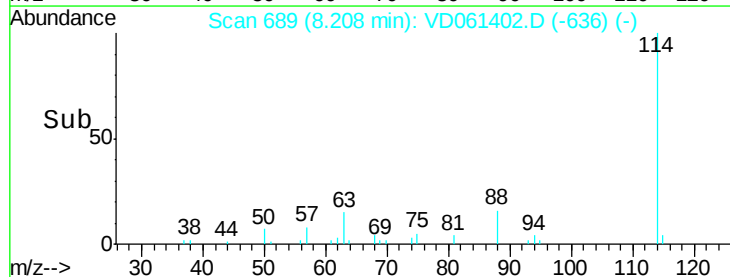
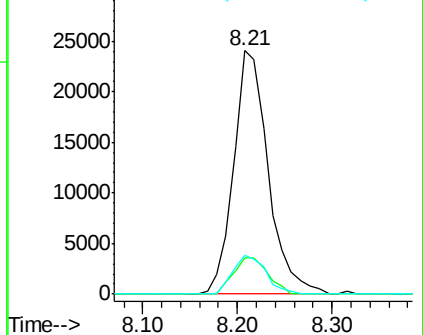
88 15.7 0.0 33.4



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

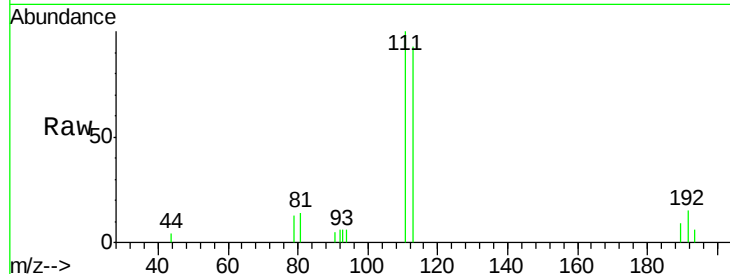




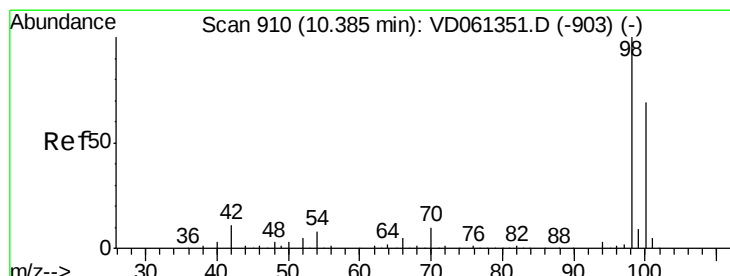
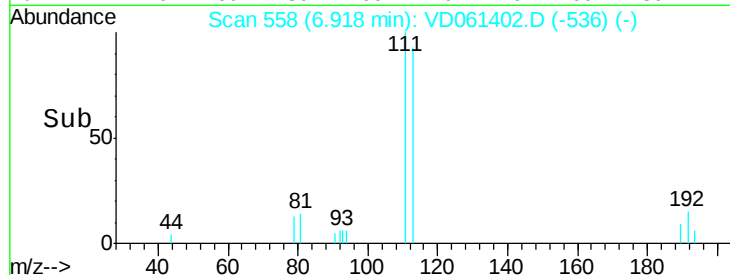
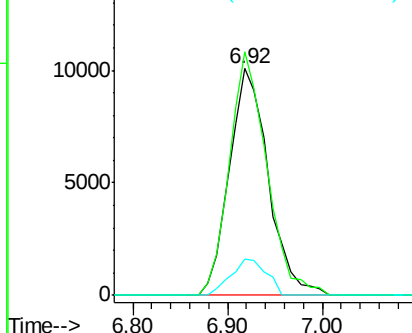
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.02 min
Lab File: VD061402.D
Acq: 28 Mar 2019 20:27

Instrument :
MSVOA_D
ClientSampleId :
CS-6RE

Tot Ion:113 Resp: 28785
Ion Ratio Lower Upper
113 100
111 107.3 81.0 121.6
192 15.8 14.4 21.6

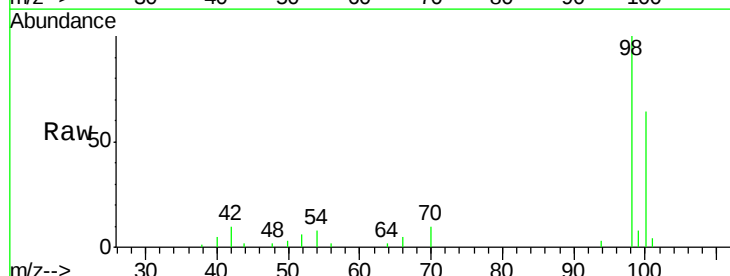


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

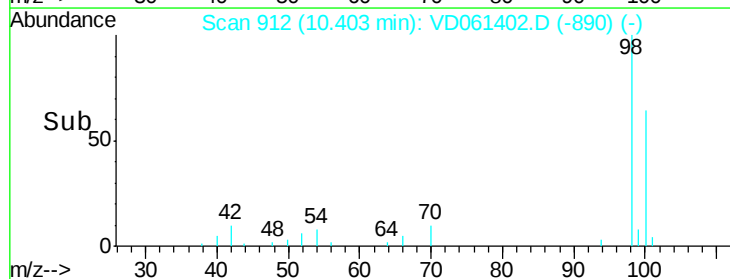
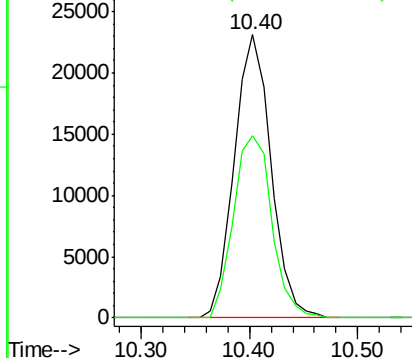


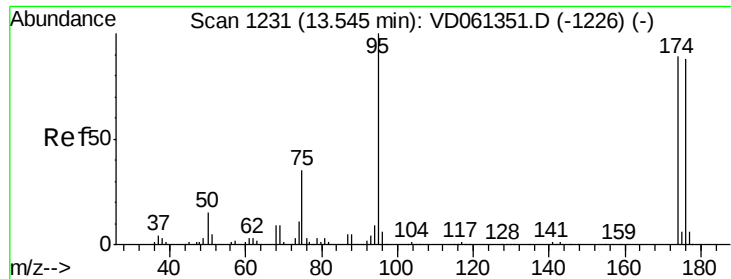
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061402.D
Acq: 28 Mar 2019 20:27

Tgt Ion: 98 Resp: 54443
Ion Ratio Lower Upper
98 100
100 64.2 56.2 84.2



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

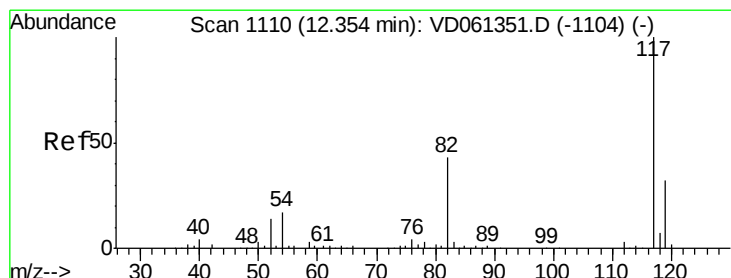
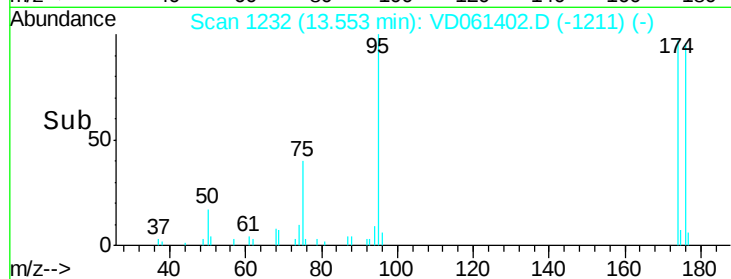
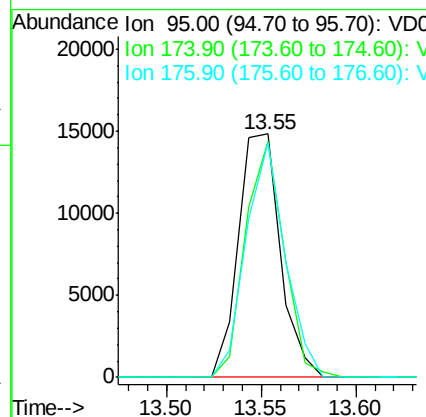
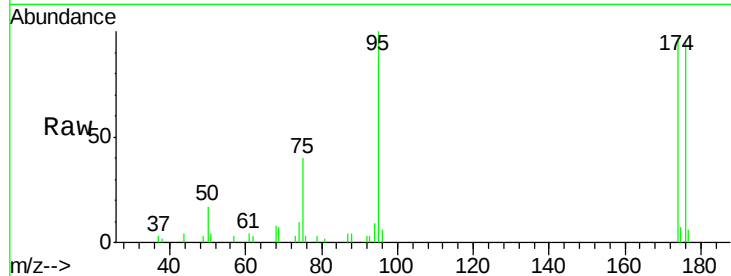




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061402.D
Acq: 28 Mar 2019 20:27

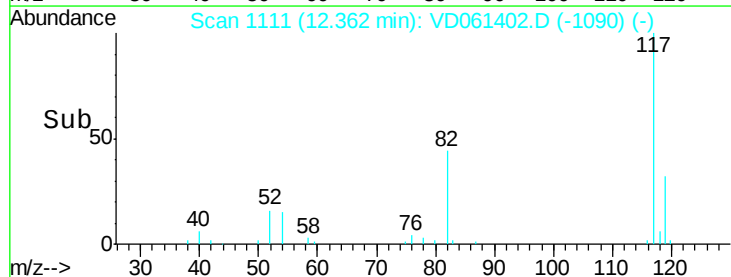
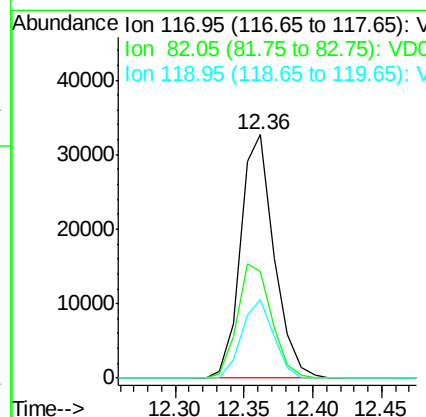
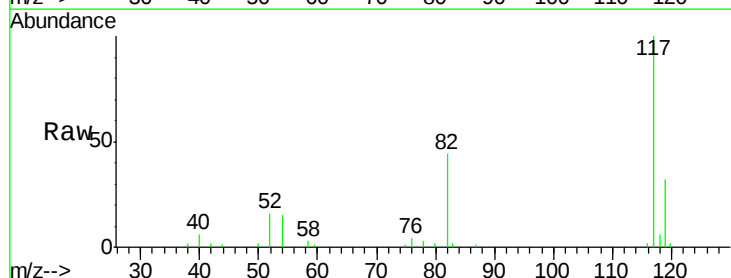
Instrument :
MSVOA_D
ClientSampleId :
CS-6RE

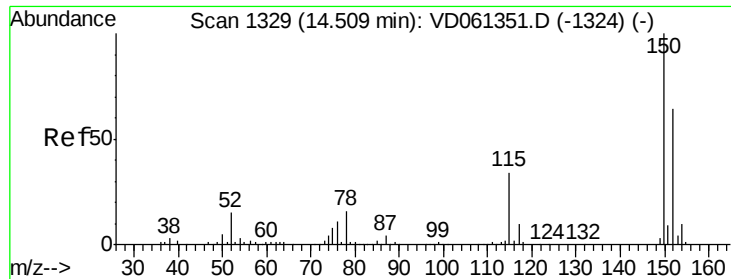
Tot Ion: 95 Resp: 22633
Ion Ratio Lower Upper
95 100
174 96.7 0.0 178.0
176 96.2 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061402.D
Acq: 28 Mar 2019 20:27

Tgt Ion: 117 Resp: 55275
Ion Ratio Lower Upper
117 100
82 43.9 34.4 51.6
119 32.3 25.8 38.6

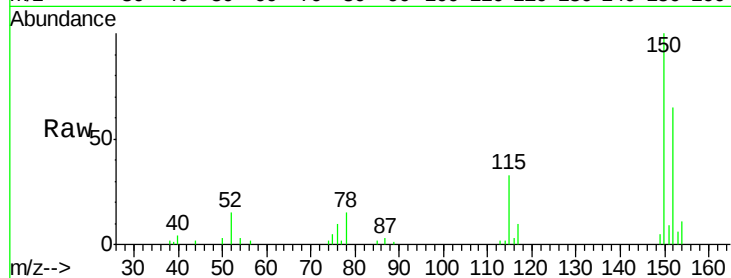




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061402.D
 Acq: 28 Mar 2019 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-6RE

Tot Ion:152 Resp: 23040
 Ion Ratio Lower Upper
 152 100
 115 50.7 26.9 80.6
 150 153.7 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

