

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090618\
 Data File : VD059983.D
 Acq On : 6 Sep 2018 14:02
 Operator : JC/SY
 Sample : J4741-11RE
 Misc : 4.72g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC10-02-CRE

Quant Time: Sep 07 04:24:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	955687	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1433079	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	881018	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	250657	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	501724	62.29	ug/l	-0.03
Spiked Amount				50.000		
Recovery						124.58%
35) Dibromofluoromethane	6.30	113	612293	54.50	ug/l	-0.03
Spiked Amount				50.000		
Recovery						109.00%
50) Toluene-d8	9.44	98	1348040	43.23	ug/l	-0.02
Spiked Amount				50.000		
Recovery						86.46%
62) 4-Bromofluorobenzene	12.42	95	355823	28.10	ug/l	-0.01
Spiked Amount				50.000		
Recovery						56.20%

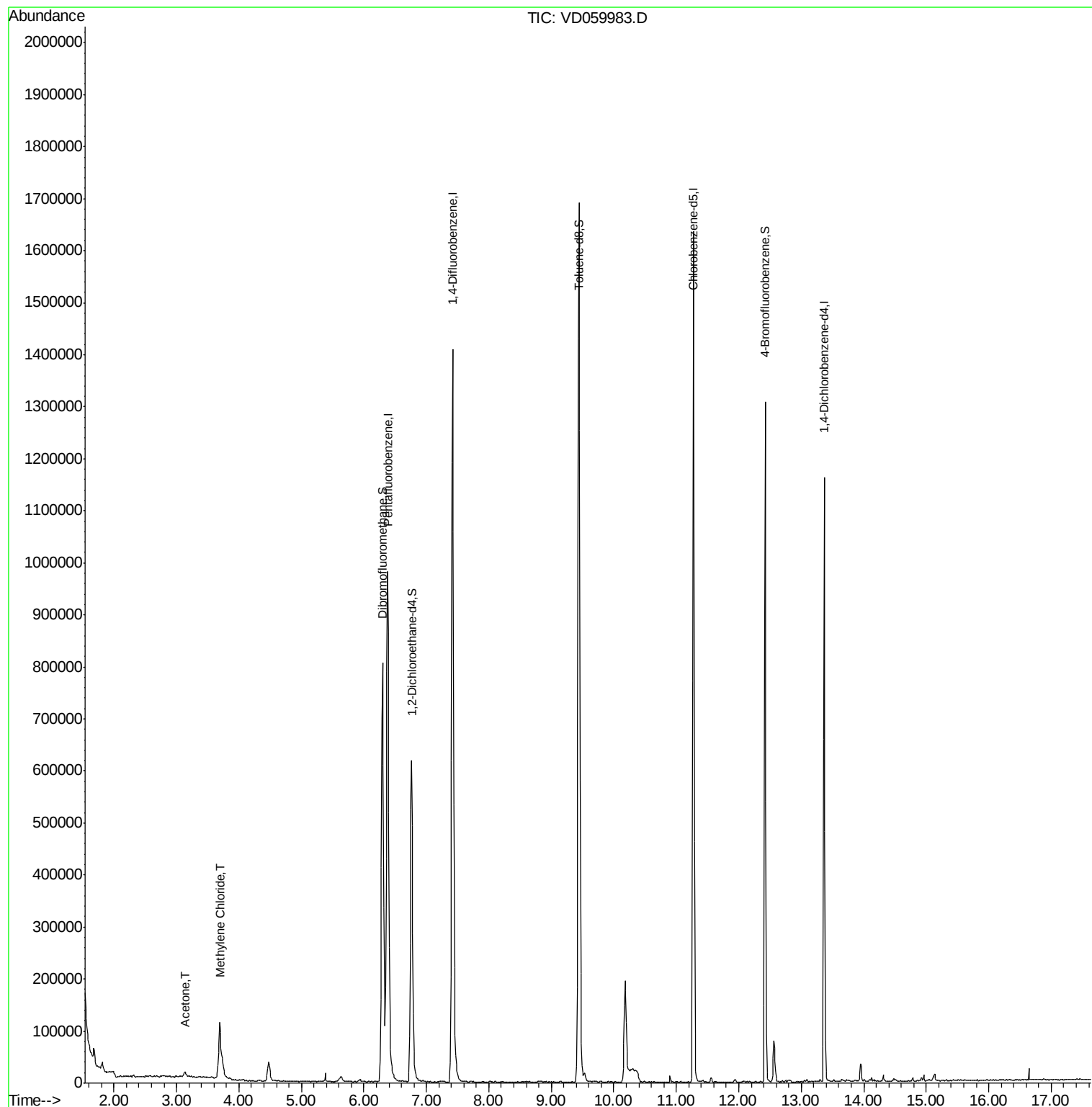
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.13	43	26724	18.21	ug/l	98
20) Methylene Chloride	3.69	84	56160	2.17	ug/l	95

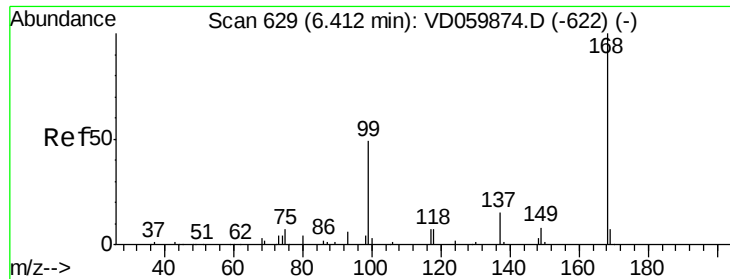
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 493

Delta R.T. -0.03 min

Lab File: VD059983.D

Acq: 6 Sep 2018 14:02

Instrument :

MSVOA_D

ClientSampleId :

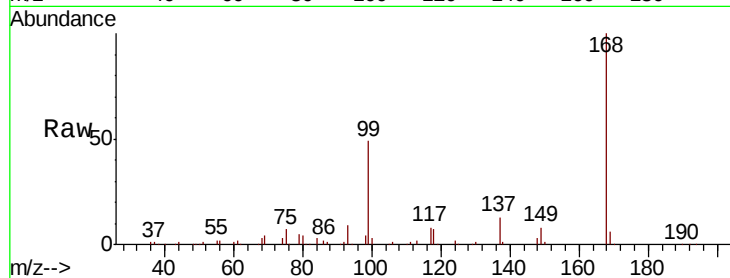
AOC10-02-CRE

Tot Ion:168 Resp: 955687

Ion Ratio Lower Upper

168 100

99 49.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

400000

300000

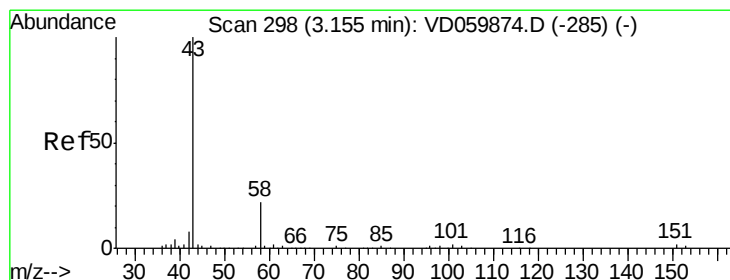
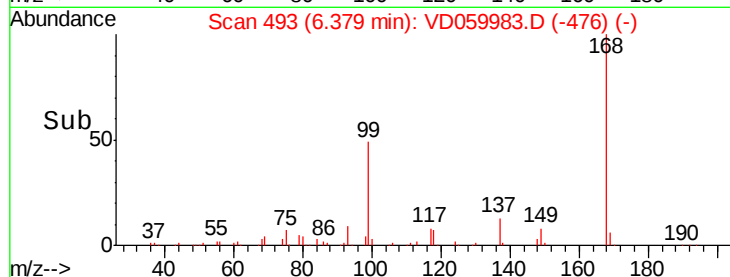
200000

100000

0

Time-->

6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 18.21 ug/l

RT: 3.13 min Scan# 163

Delta R.T. -0.02 min

Lab File: VD059983.D

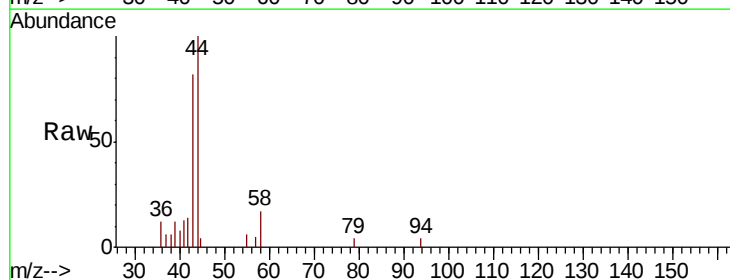
Acq: 6 Sep 2018 14:02

Tgt Ion: 43 Resp: 26724

Ion Ratio Lower Upper

43 100

58 21.0 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.13

6000

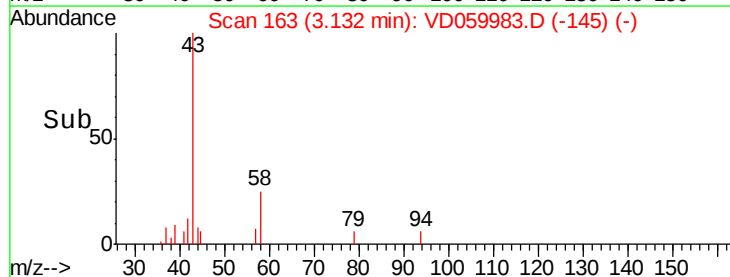
4000

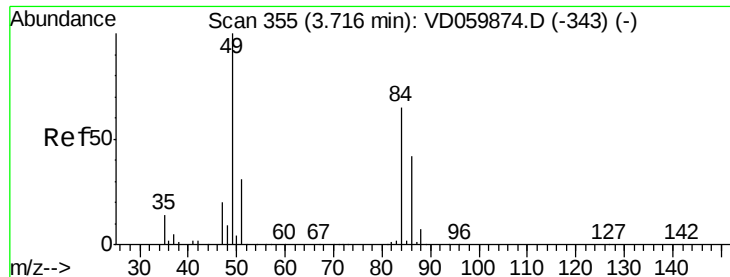
2000

0

Time-->

3.00 3.10 3.20 3.30

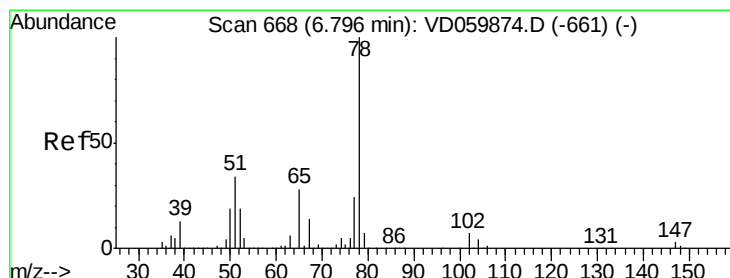
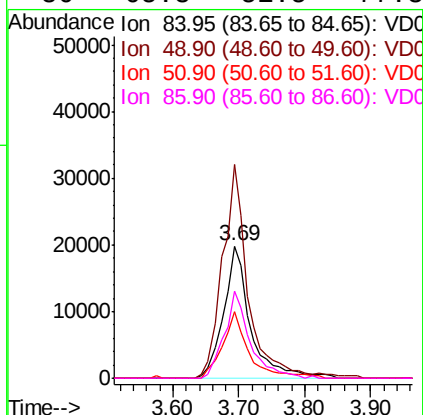
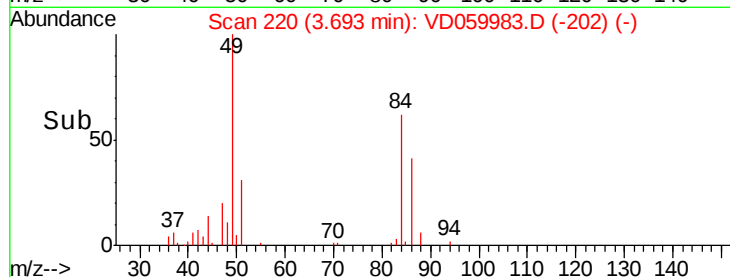
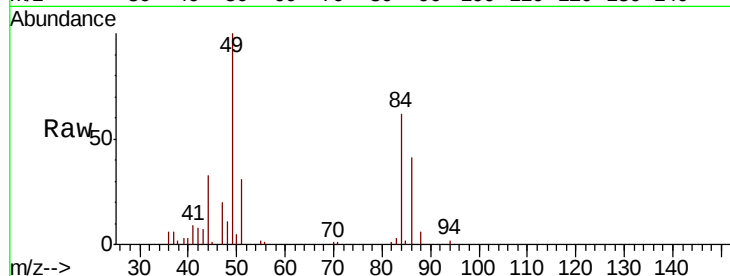




#20
Methvlene Chloride
Concen: 2.17 ug/l
RT: 3.69 min Scan# 220
Delta R.T. -0.02 min
Lab File: VD059983.D
Acq: 6 Sep 2018 14:02

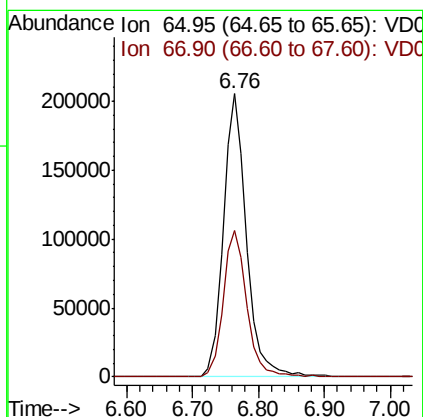
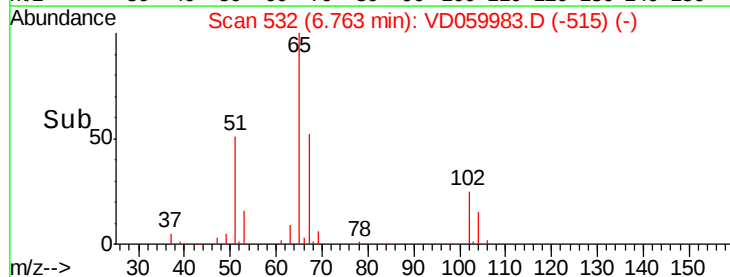
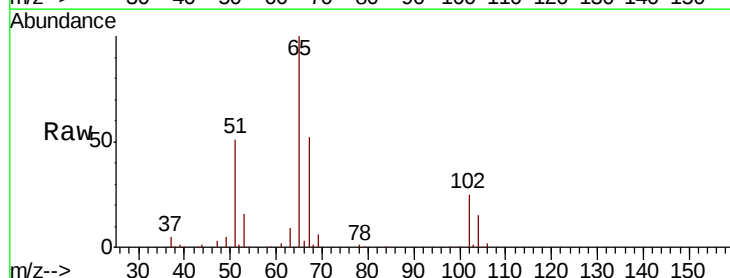
Instrument :
MSVOA_D
ClientSampleId :
AOC10-02-CRE

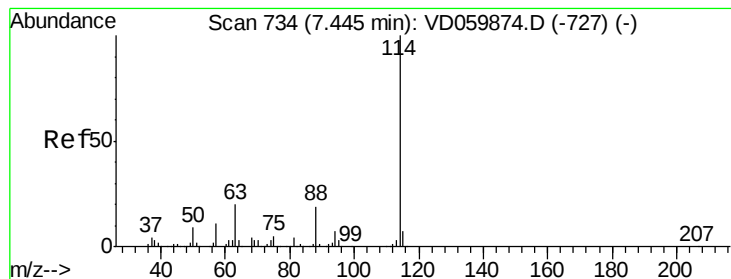
Tot Ion: 84 Resp: 56160
Ion Ratio Lower Upper
84 100
49 161.3 122.6 183.8
51 50.6 38.4 57.6
86 65.8 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.03 min
Lab File: VD059983.D
Acq: 6 Sep 2018 14:02

Tgt Ion: 65 Resp: 501724
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 599

Delta R.T. -0.02 min

Lab File: VD059983.D

Acq: 6 Sep 2018 14:02

Instrument :

MSVOA_D

ClientSampleId :

AOC10-02-CRE

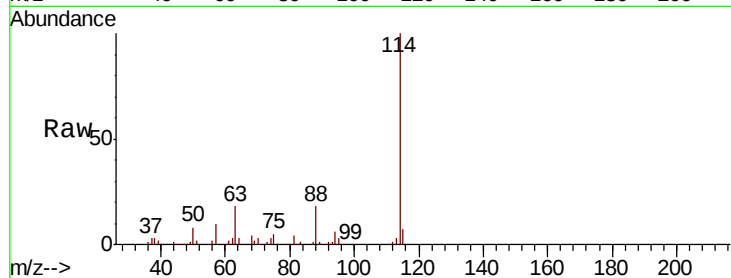
Tot Ion:114 Resp: 1433079

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.4

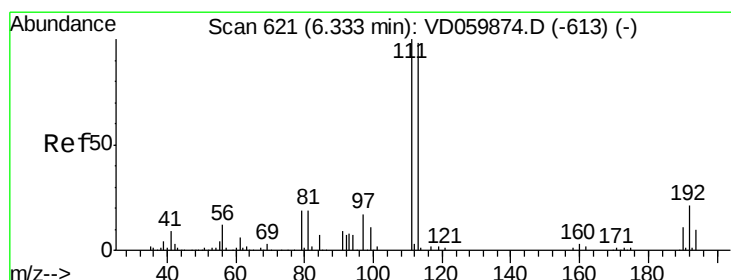
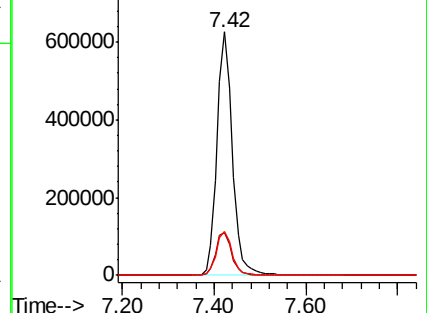
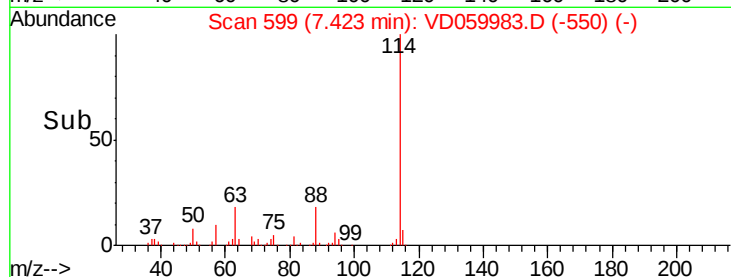
88 18.1 0.0 37.6



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: 50.00 ug/l

RT: 6.30 min Scan# 485

Delta R.T. -0.03 min

Lab File: VD059983.D

Acq: 6 Sep 2018 14:02

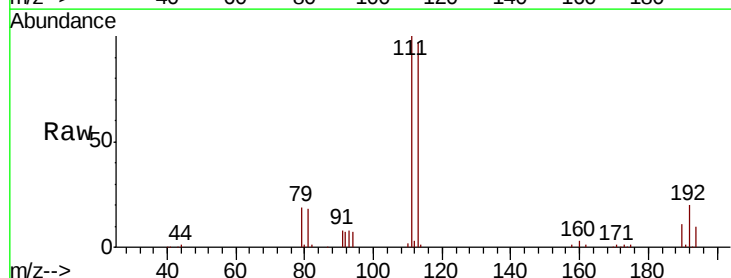
Tgt Ion:113 Resp: 612293

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

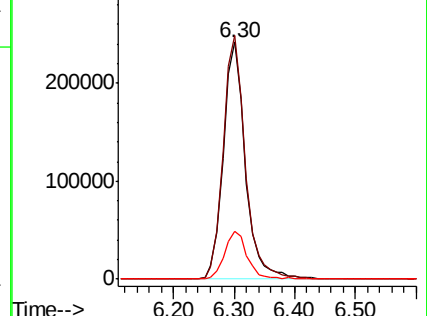
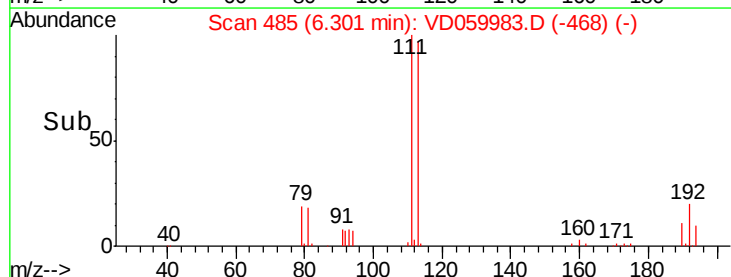
192 20.4 17.0 25.6

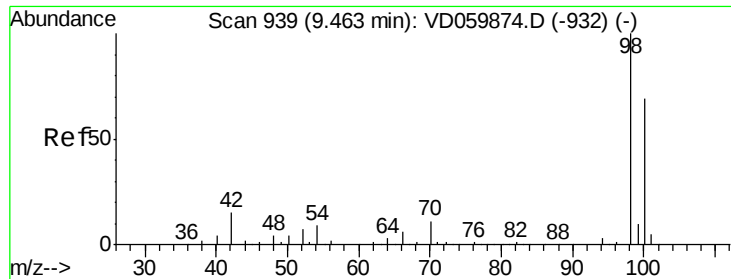


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

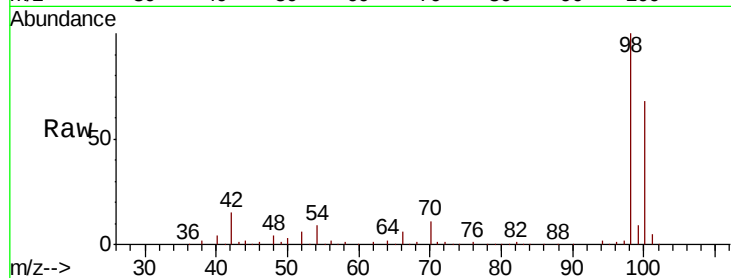




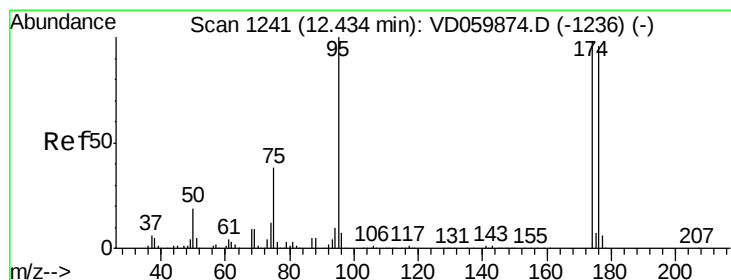
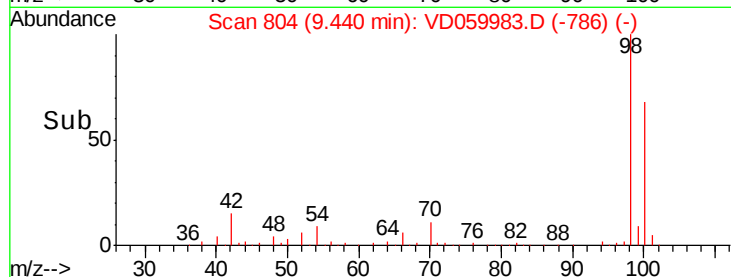
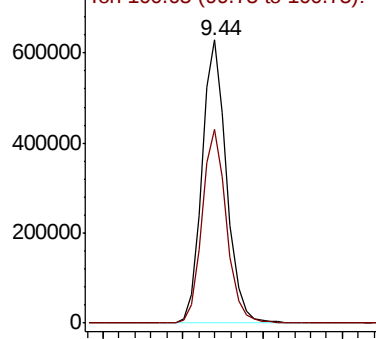
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.02 min
Lab File: VD059983.D
Acq: 6 Sep 2018 14:02

Instrument :
MSVOA_D
ClientSampleId :
AOC10-02-CRE

Tot Ion: 98 Resp: 1348040
Ion Ratio Lower Upper
98 100
100 68.4 55.8 83.6

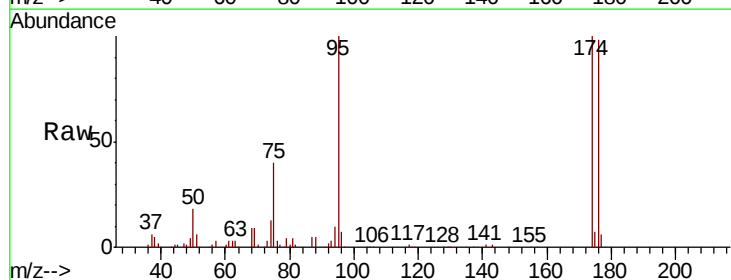


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

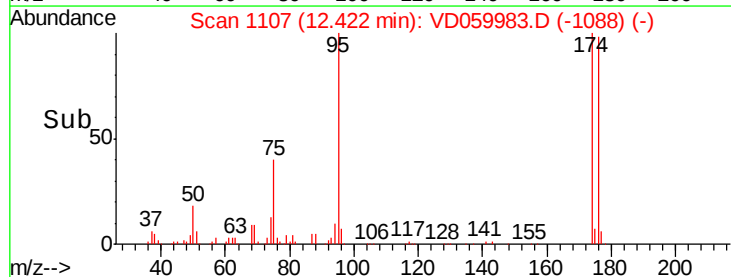
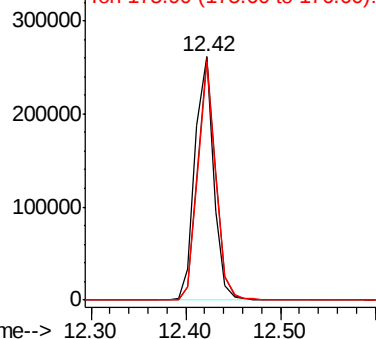


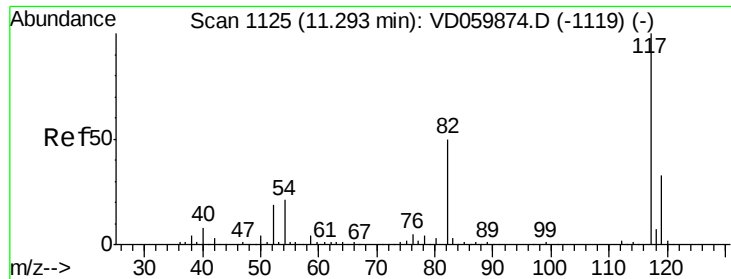
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VD059983.D
Acq: 6 Sep 2018 14:02

Tgt Ion: 95 Resp: 355823
Ion Ratio Lower Upper
95 100
174 99.8 0.0 195.6
176 98.2 0.0 191.2



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

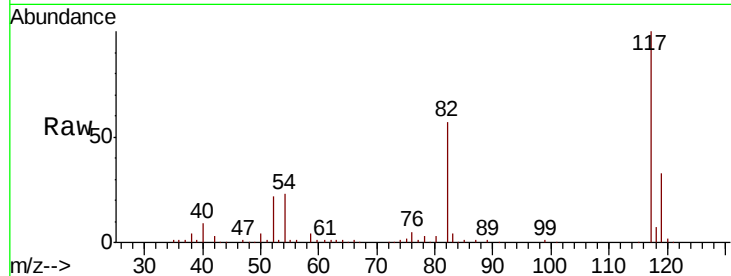




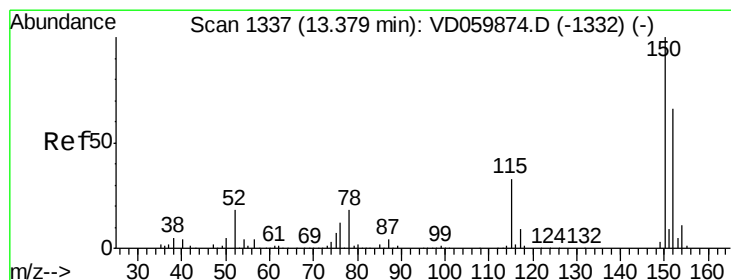
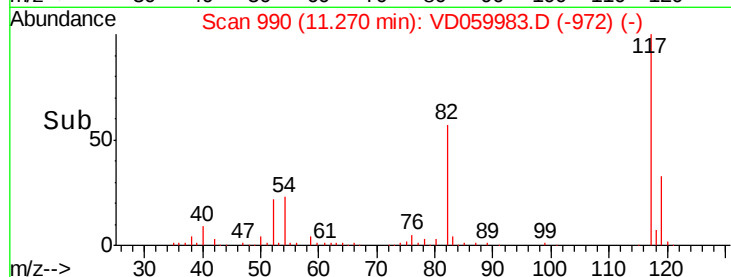
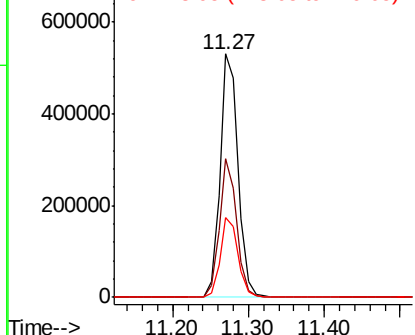
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.02 min
Lab File: VD059983.D
Acq: 6 Sep 2018 14:02

Instrument :
MSVOA_D
ClientSampleId :
AOC10-02-CRE

Tot Ion:117 Resp: 881018
Ion Ratio Lower Upper
117 100
82 57.0 40.1 60.1
119 32.6 26.7 40.1

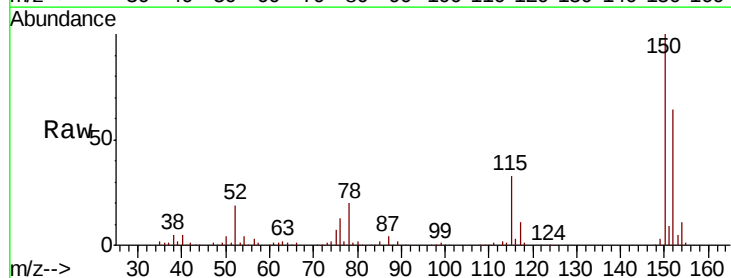


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD059983.D
Acq: 6 Sep 2018 14:02

Tgt Ion:152 Resp: 250657
Ion Ratio Lower Upper
152 100
115 52.1 25.7 77.0
150 157.4 0.0 310.2



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

