

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063496.D
 Acq On : 12 Aug 2019 19:11
 Operator : JC/SY
 Sample : K4294-10
 Misc : 4.30g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3860

Quant Time: Aug 13 08:47:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

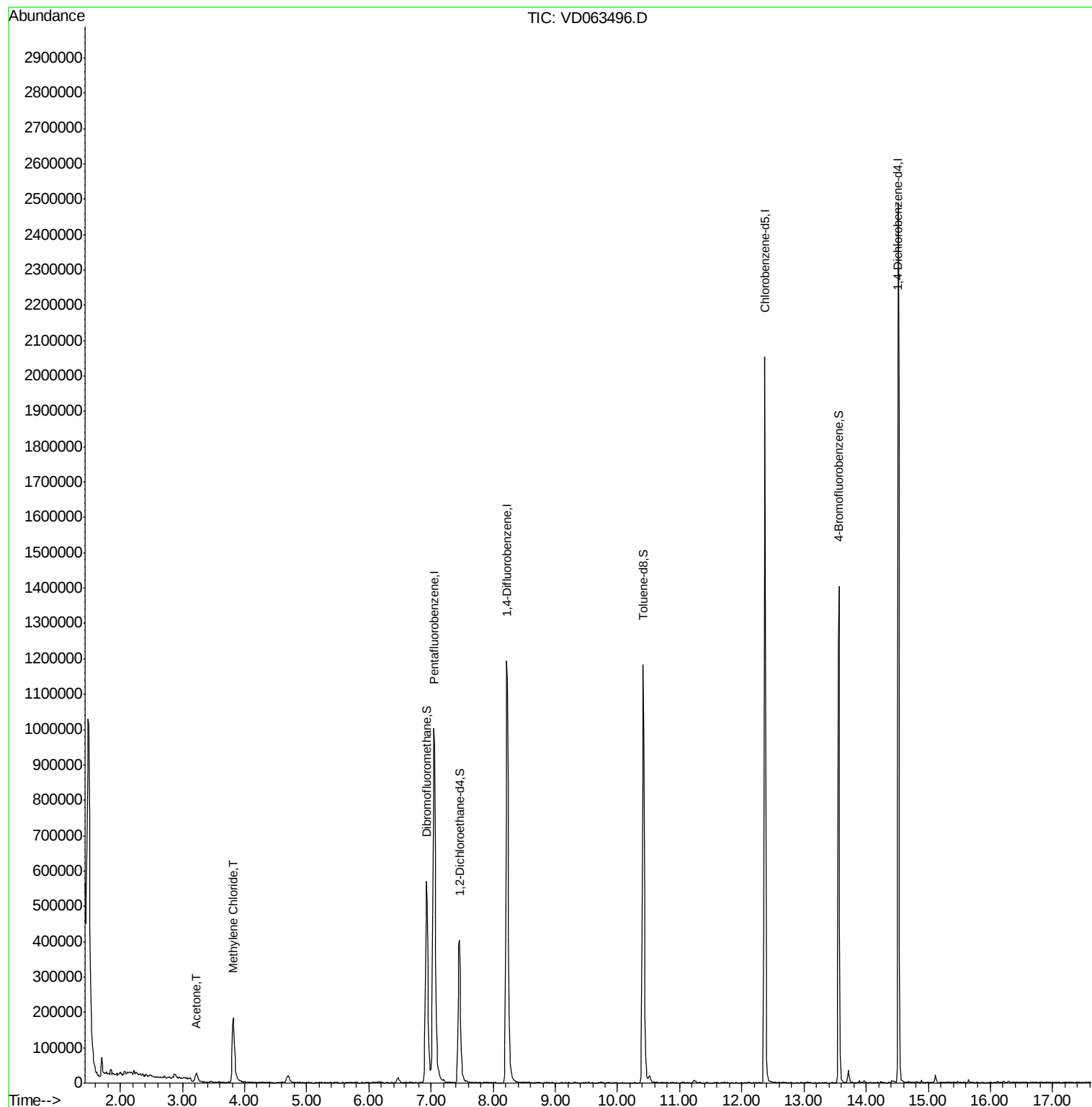
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	991898	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1331391	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1097162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	561622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	463572	43.72	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.44%	
35) Dibromofluoromethane	6.93	113	499208	44.52	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.04%	
50) Toluene-d8	10.41	98	968321	39.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.56%	
62) 4-Bromofluorobenzene	13.56	95	411646	36.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.68%	
Target Compounds						
16) Acetone	3.23	43	47811	22.183	ug/l	96
20) Methylene Chloride	3.82	84	123296	13.229	ug/l	97

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

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QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063496.D

Acq: 12 Aug 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

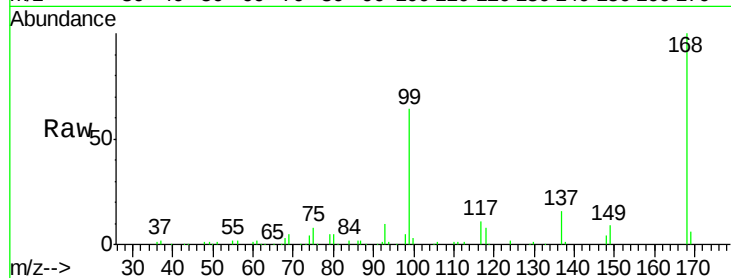
RT-3860

Tot Ion:168 Resp: 991898

Ion Ratio Lower Upper

168 100

99 63.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

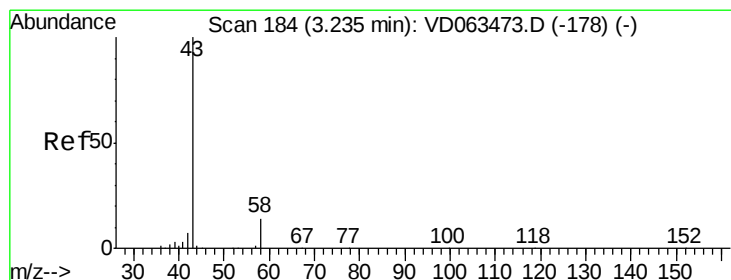
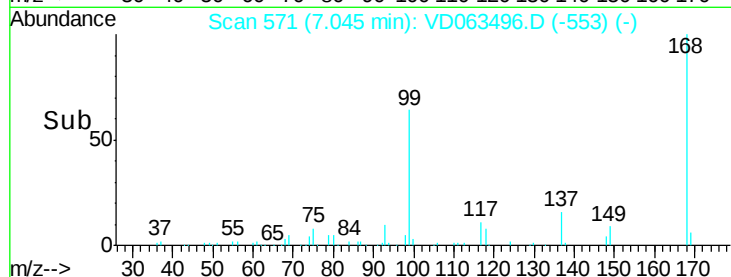
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 22.183 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063496.D

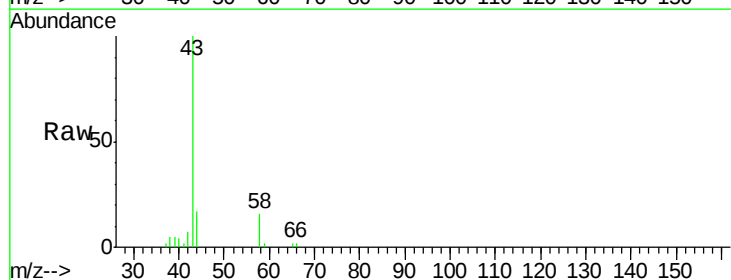
Acq: 12 Aug 2019 19:11

Tgt Ion: 43 Resp: 47811

Ion Ratio Lower Upper

43 100

58 16.0 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

20000

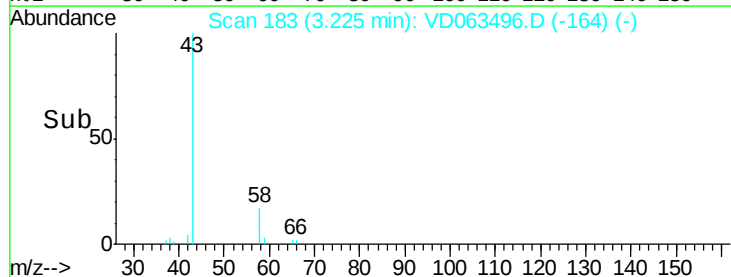
15000

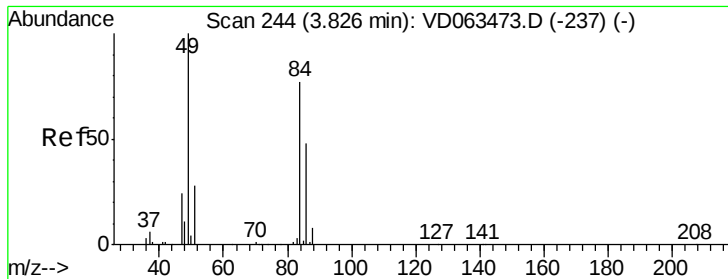
10000

5000

0

Time-->

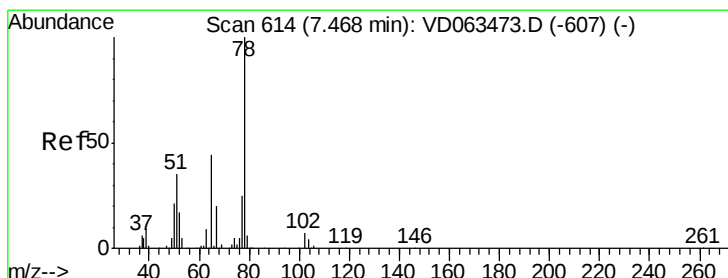
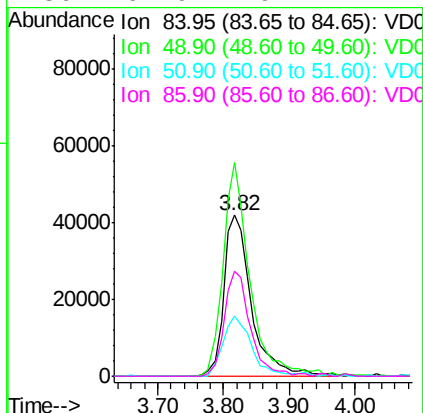
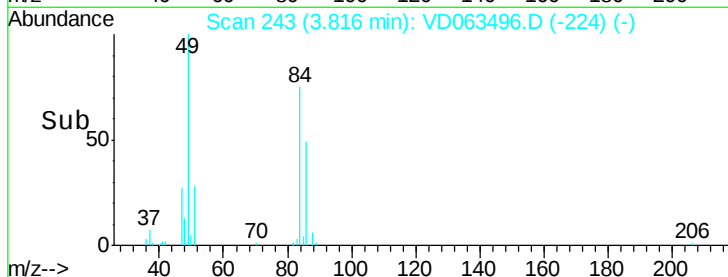
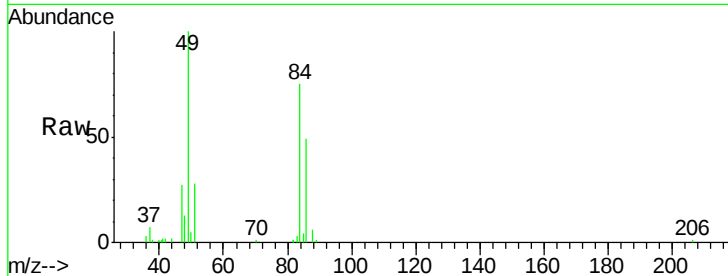




#20
Methylene Chloride
Concen: 13.229 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063496.D
Acq: 12 Aug 2019 19:11

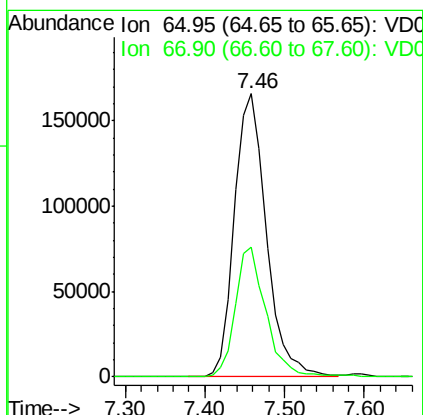
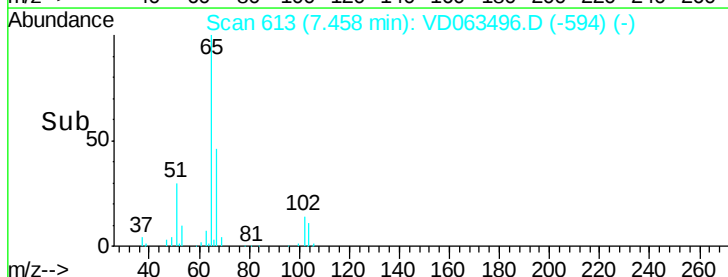
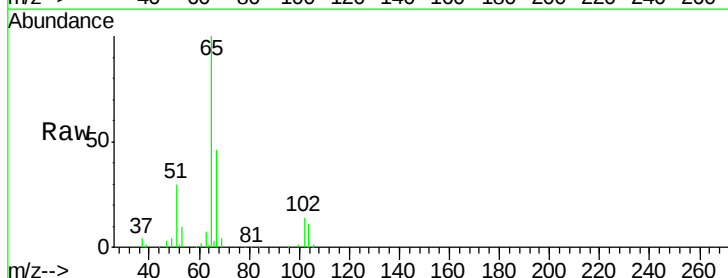
Instrument :
MSVOA_D
ClientSampleId :
RT-3860

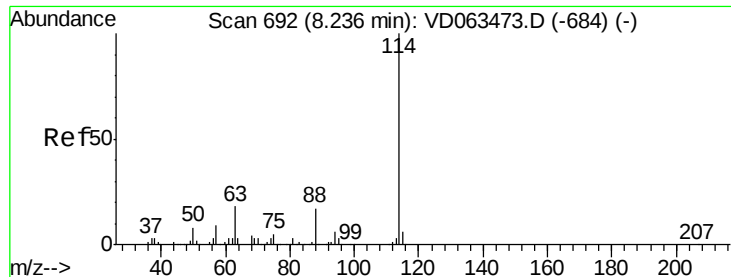
Tot Ion:	84	Resp:	123296
Ion	Ratio	Lower	Upper
84	100		
49	132.5	103.4	155.2
51	37.0	28.5	42.7
86	64.9	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 43.722 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063496.D
Acq: 12 Aug 2019 19:11

Tgt Ion:	65	Resp:	463572
Ion	Ratio	Lower	Upper
65	100		
67	46.1	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063496.D

Acq: 12 Aug 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

RT-3860

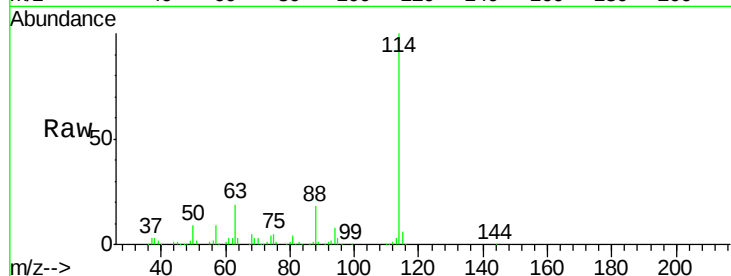
Tot Ion:114 Resp: 1331391

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.2

88 18.3 0.0 35.0



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

600000

400000

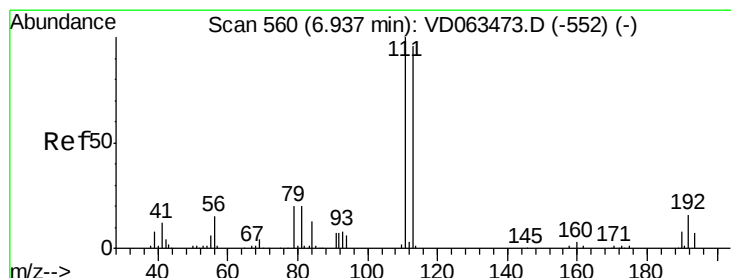
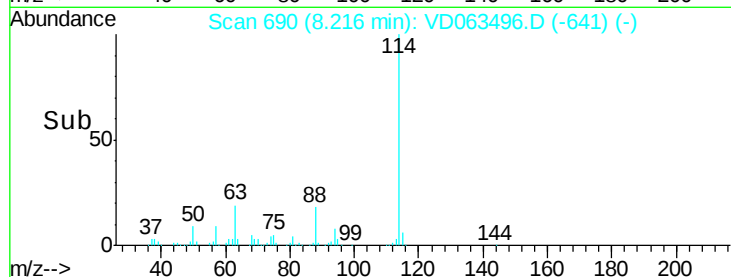
200000

0

8.22

8.10 8.20 8.30 8.40

Time-->



#35

Dibromofluoromethane

Concen: 44.520 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063496.D

Acq: 12 Aug 2019 19:11

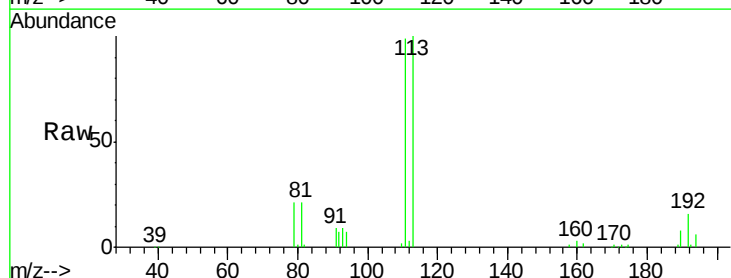
Tgt Ion:113 Resp: 499208

Ion Ratio Lower Upper

113 100

111 99.4 83.1 124.7

192 15.5 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

200000

150000

100000

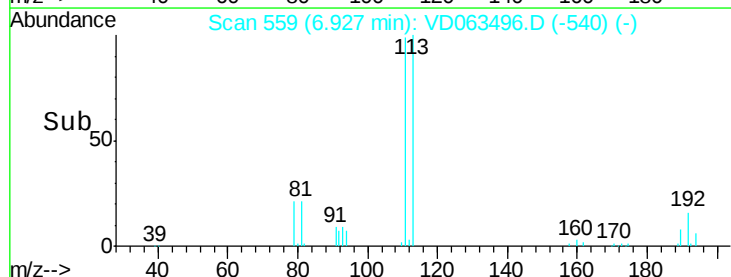
50000

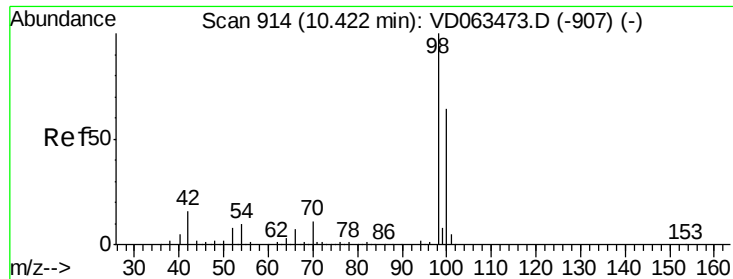
0

6.93

6.80 6.90 7.00 7.10

Time-->

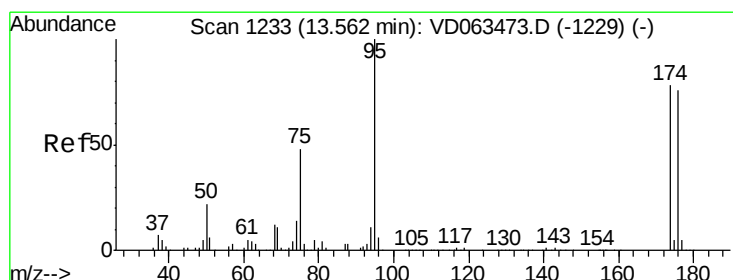
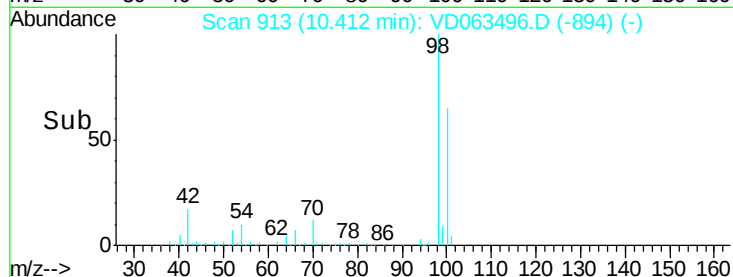
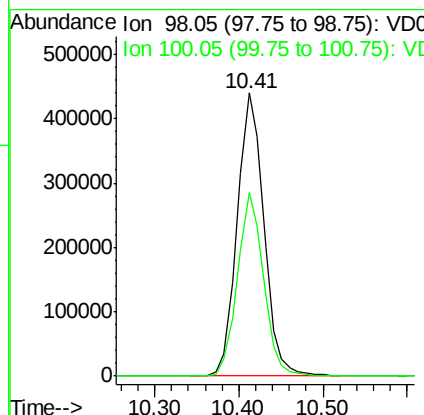
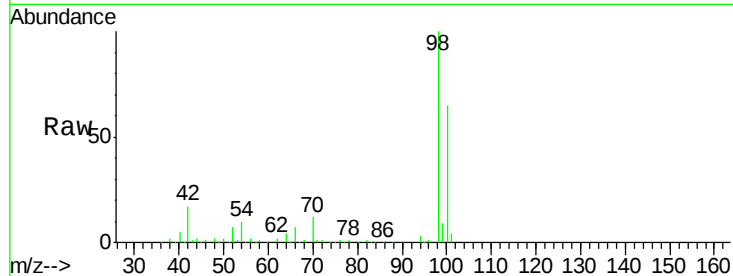




#50
Toluene-d8
Concen: 39.279 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063496.D
Acq: 12 Aug 2019 19:11

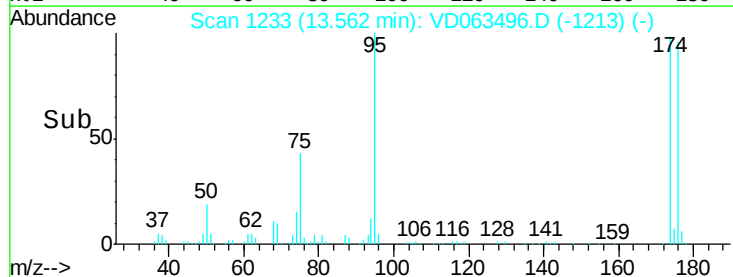
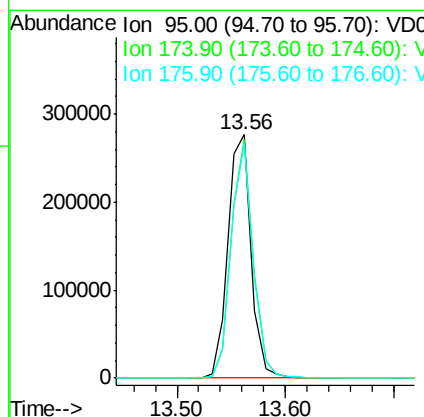
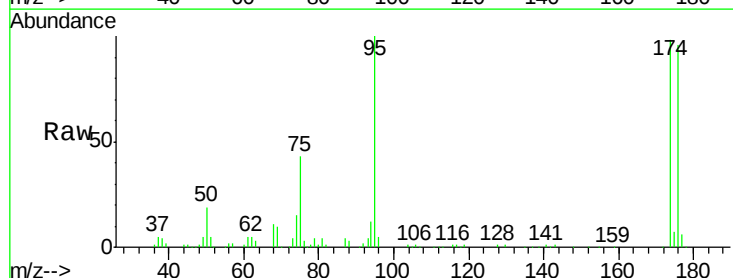
Instrument :
MSVOA_D
ClientSampleId :
RT-3860

Tot Ion: 98 Resp: 968321
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 36.841 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD063496.D
Acq: 12 Aug 2019 19:11

Tgt Ion: 95 Resp: 411646
Ion Ratio Lower Upper
95 100
174 98.1 0.0 155.4
176 96.5 0.0 152.4

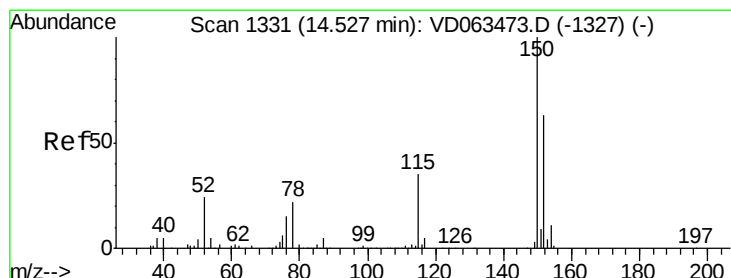
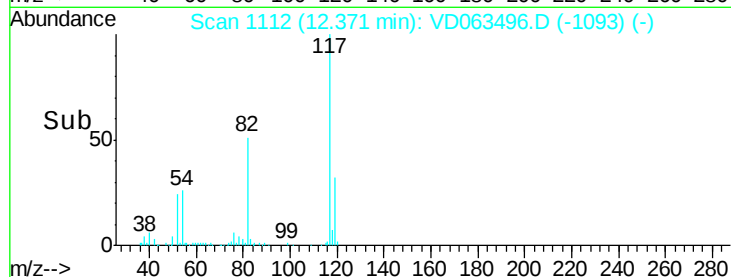
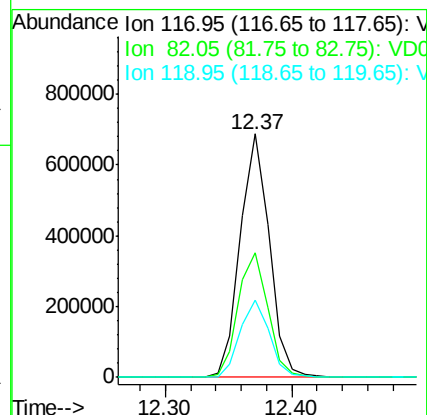
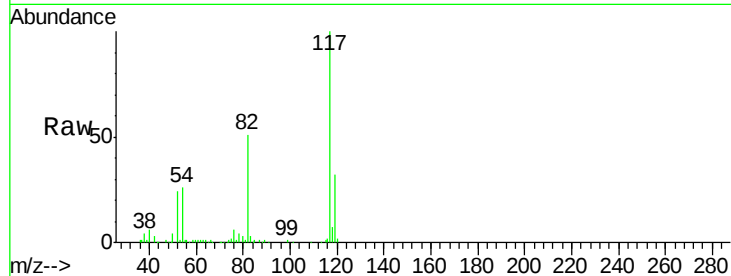




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063496.D
Acq: 12 Aug 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :
RT-3860

Tot Ion:117 Resp: 1097162
Ion Ratio Lower Upper
117 100
82 51.4 42.0 63.0
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063496.D
Acq: 12 Aug 2019 19:11

Tgt Ion:152 Resp: 561622
Ion Ratio Lower Upper
152 100
115 60.8 30.9 92.7
150 151.5 0.0 318.6

