

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063661.D
 Acq On : 19 Aug 2019 16:51
 Operator : JC/SY
 Sample : K4385-17
 Misc : 5.62g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-D-(0)

Quant Time: Aug 20 08:51:04 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

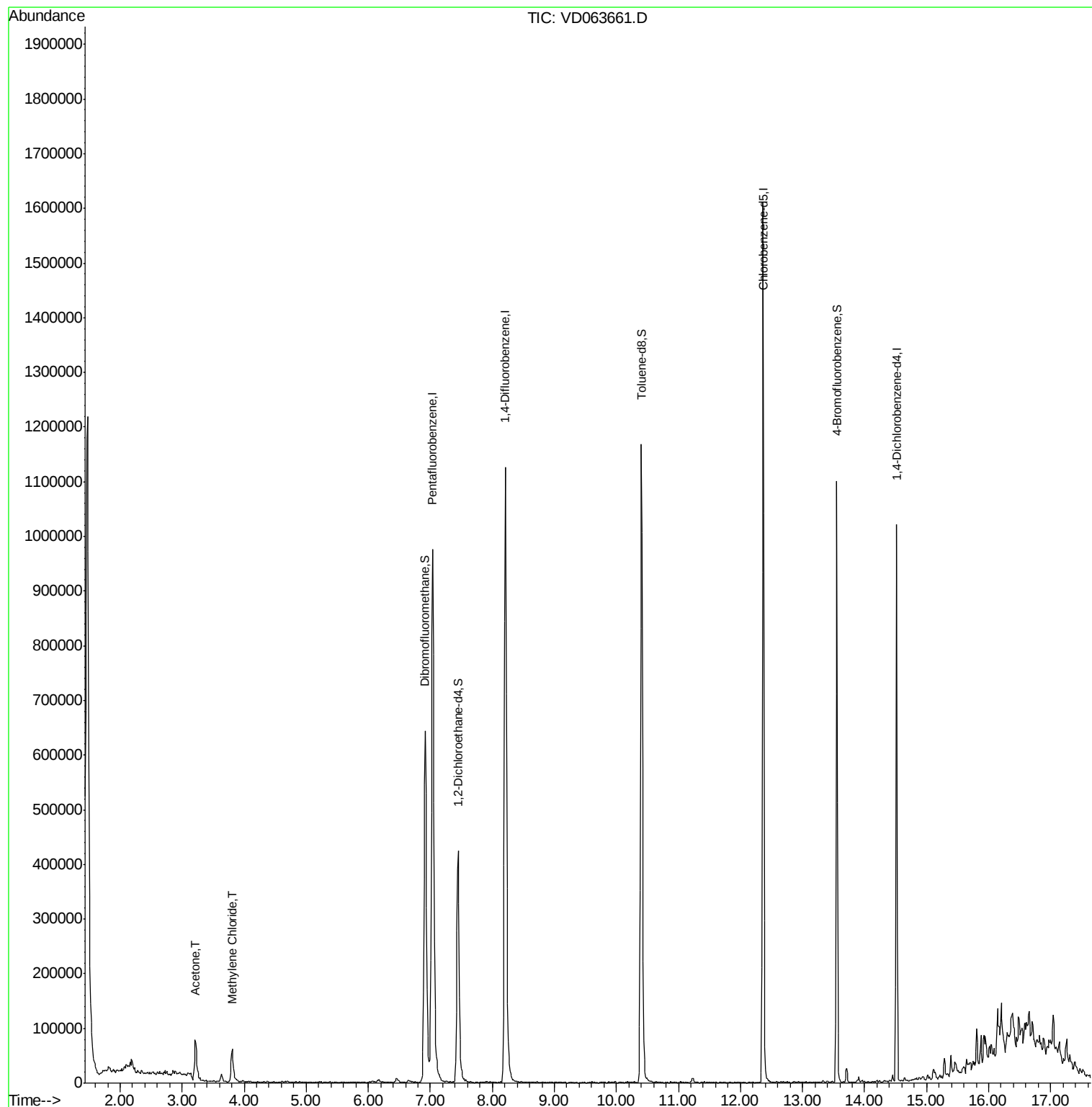
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	924990	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1307186	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	858281	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	246834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	479750	48.52	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	6.92	113	562173	51.06	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.40	98	984459	40.67	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.34%	
62) 4-Bromofluorobenzene	13.55	95	300450	27.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.78%	
Target Compounds						
16) Acetone	3.21	43	143233	71.263	ug/l	99
20) Methylene Chloride	3.81	84	38218	4.397	ug/l #	88

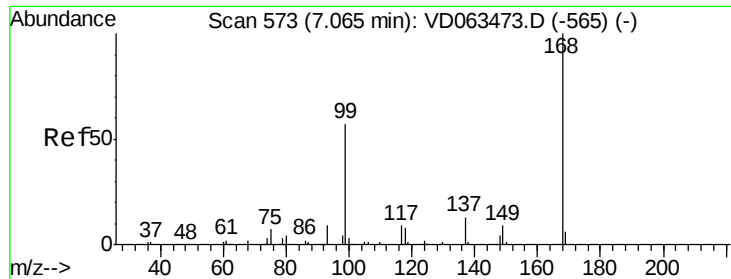
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

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Acq: 19 Aug 2019 16:51

Instrument :

MSVOA_D

ClientSampleId :

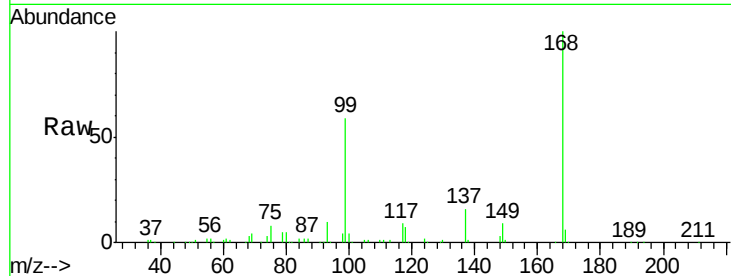
T8-D-(0)

Tot Ion:168 Resp: 924990

Ion Ratio Lower Upper

168 100

99 58.6 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

400000

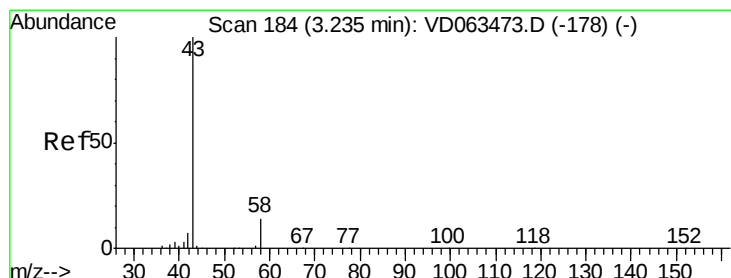
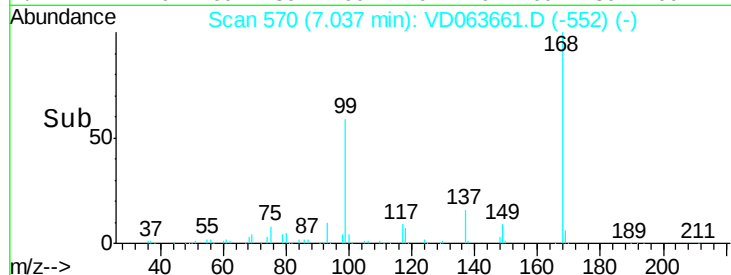
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 71.263 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063661.D

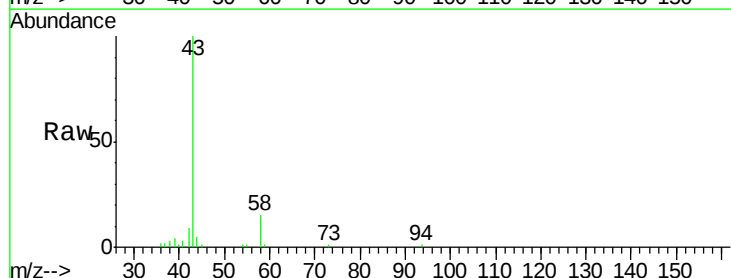
Acq: 19 Aug 2019 16:51

Tgt Ion: 43 Resp: 143233

Ion Ratio Lower Upper

43 100

58 14.7 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

60000

50000

40000

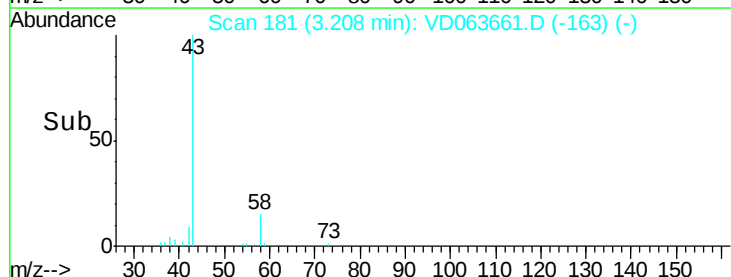
30000

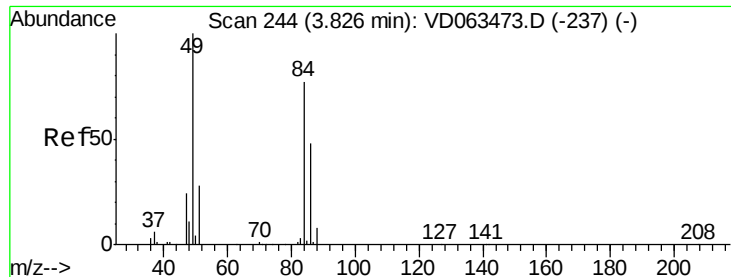
20000

10000

0

Time-->

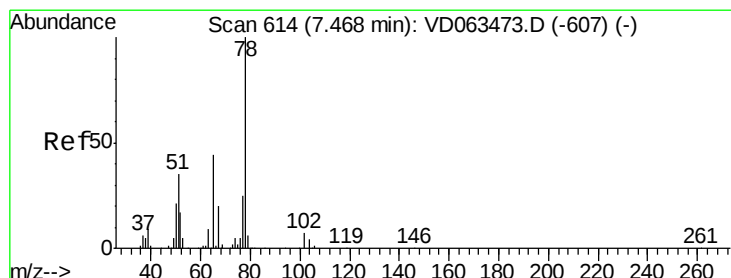
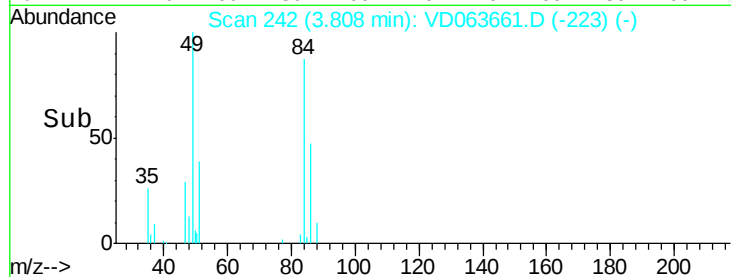
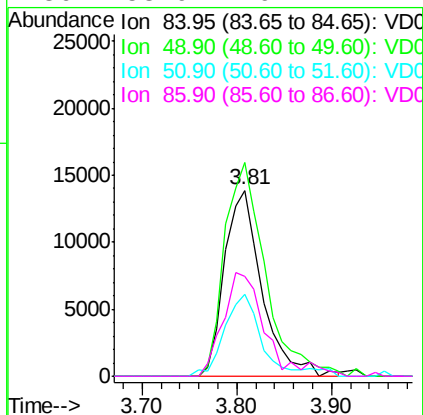
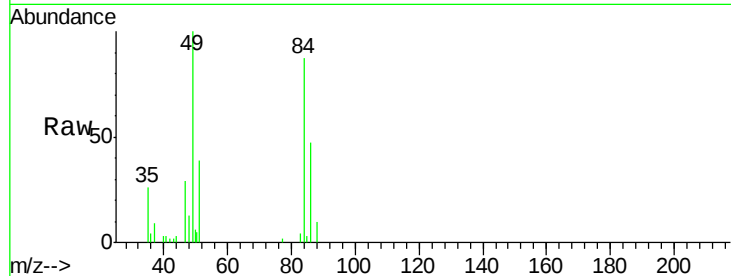




#20
Methylene Chloride
Concen: 4.397 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063661.D
Acq: 19 Aug 2019 16:51

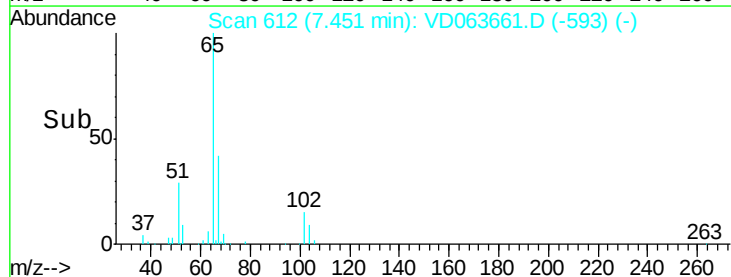
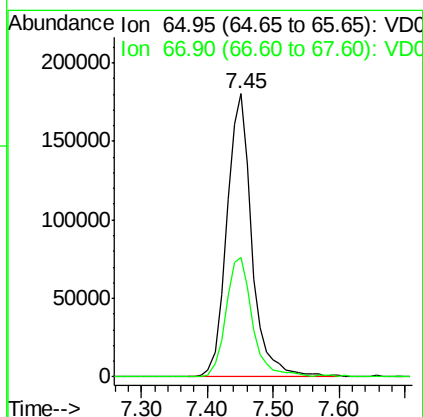
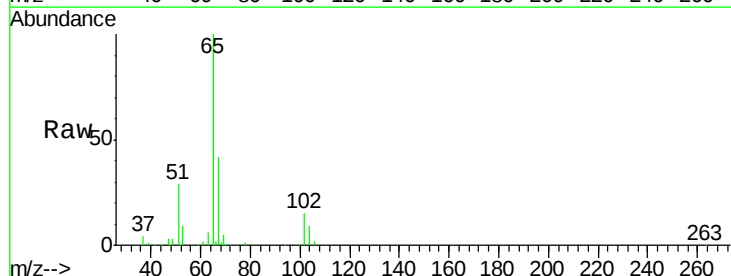
Instrument :
MSVOA_D
ClientSampleId :
T8-D-(0)

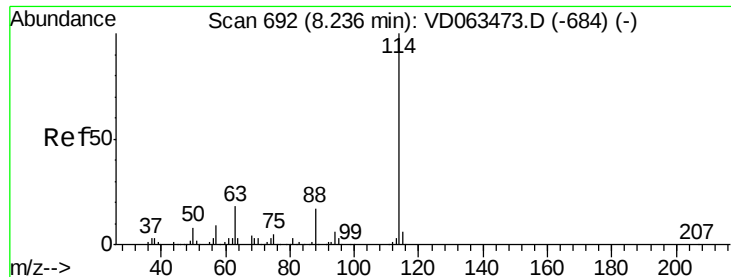
Tot Ion	Ratio	Lower	Upper
84	100		
49	114.9	103.4	155.2
51	44.3	28.5	42.7
86	53.9	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 48.521 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063661.D
Acq: 19 Aug 2019 16:51

Tgt Ion	Ratio	Lower	Upper
65	100		
67	42.0	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063661.D

Acq: 19 Aug 2019 16:51

Instrument :

MSVOA_D

ClientSampleId :

T8-D-(0)

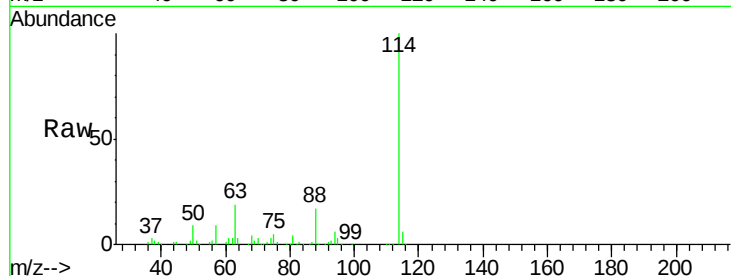
Tot Ion:114 Resp: 1307186

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.2

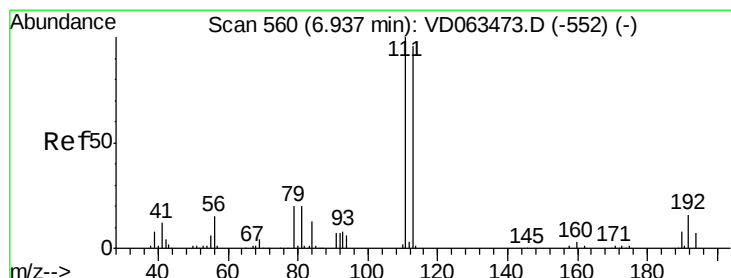
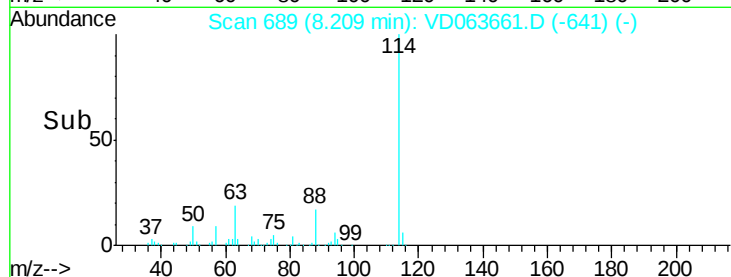
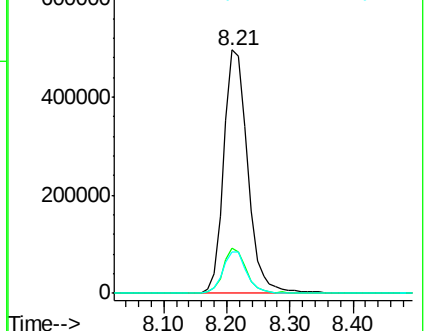
88 17.0 0.0 35.0



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



#35

Dibromofluoromethane

Concen: 51.064 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063661.D

Acq: 19 Aug 2019 16:51

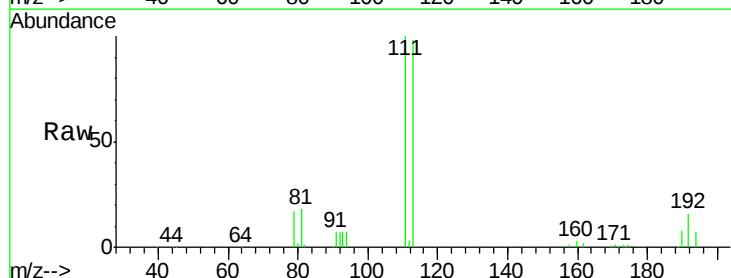
Tgt Ion:113 Resp: 562173

Ion Ratio Lower Upper

113 100

111 101.9 83.1 124.7

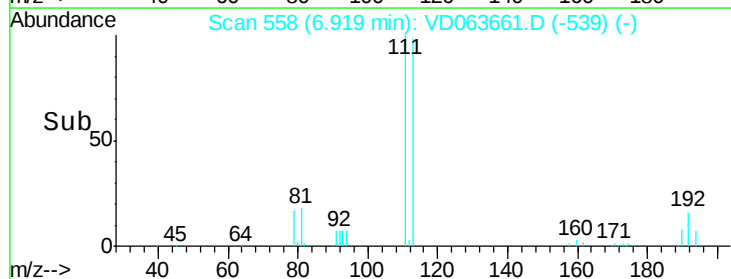
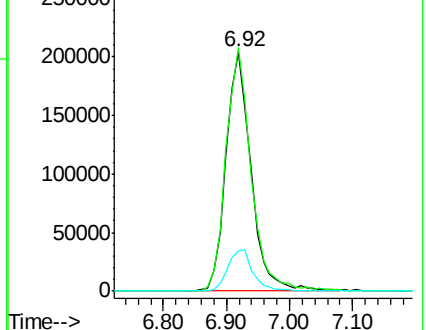
192 16.6 13.1 19.7

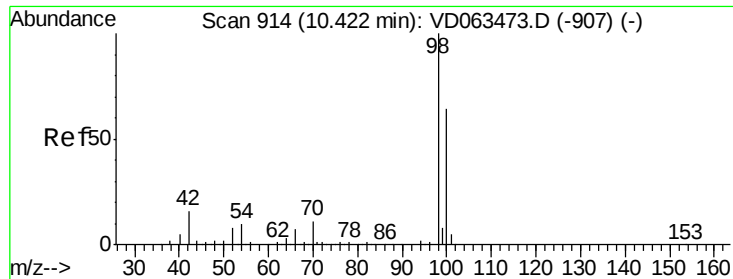


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

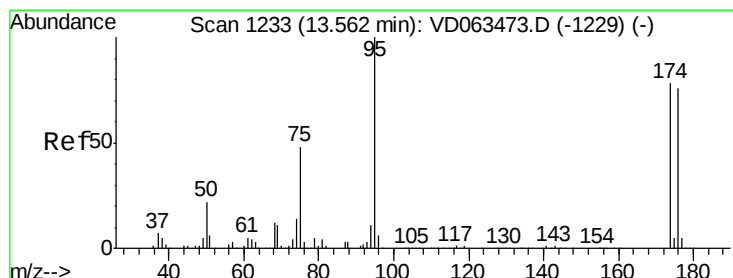
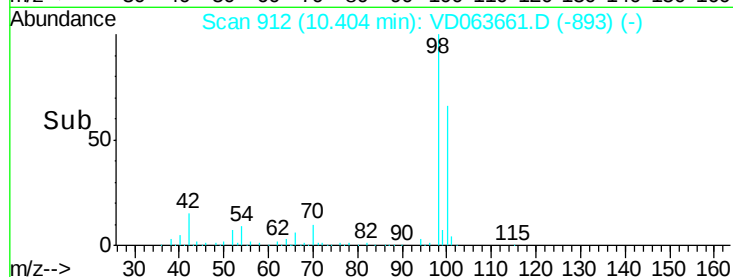
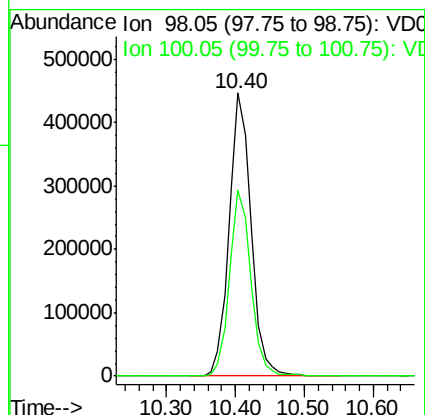
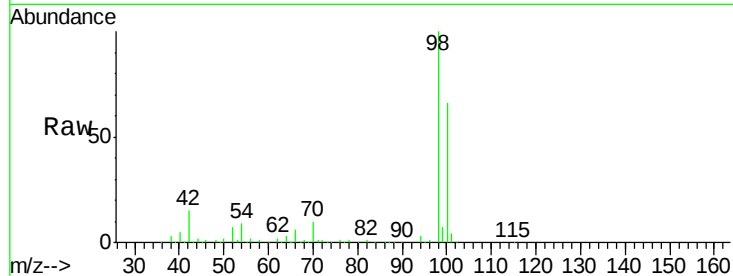




#50
Toluene-d8
Concen: 40.673 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063661.D
Acq: 19 Aug 2019 16:51

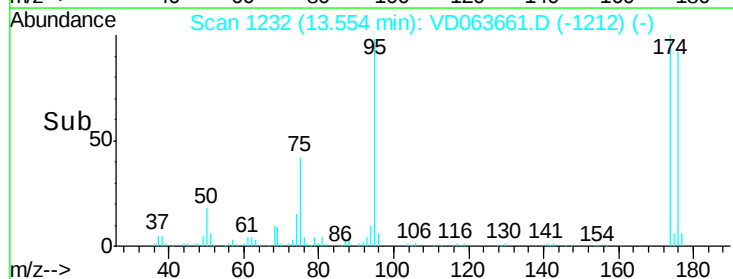
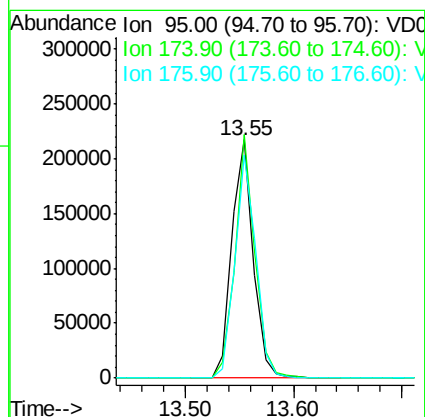
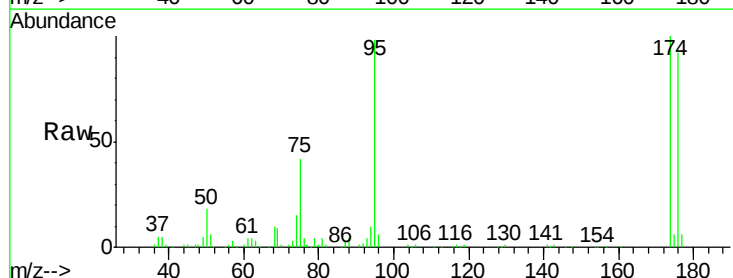
Instrument :
MSVOA_D
ClientSampleId :
T8-D-(0)

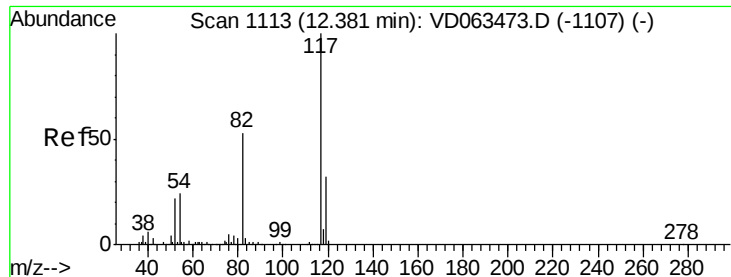
Tot Ion: 98 Resp: 984459
Ion Ratio Lower Upper
98 100
100 65.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 27.387 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063661.D
Acq: 19 Aug 2019 16:51

Tgt Ion: 95 Resp: 300450
Ion Ratio Lower Upper
95 100
174 102.1 0.0 155.4
176 93.7 0.0 152.4

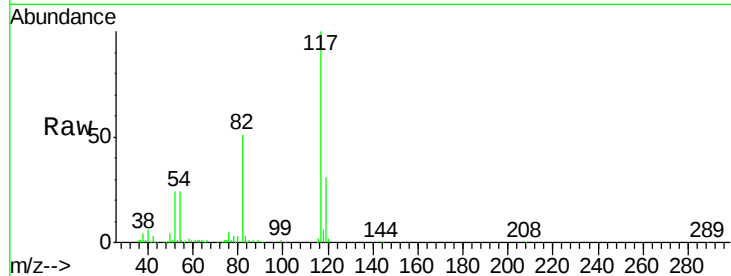




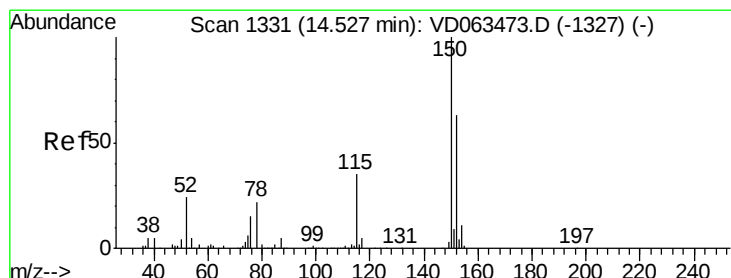
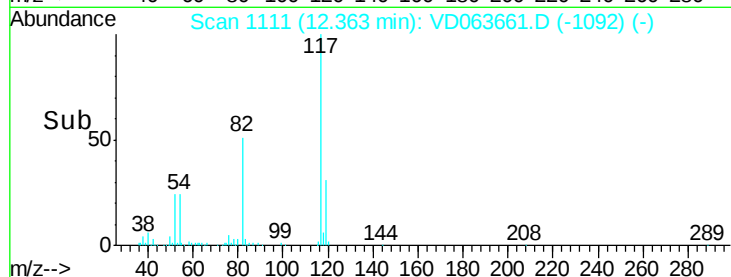
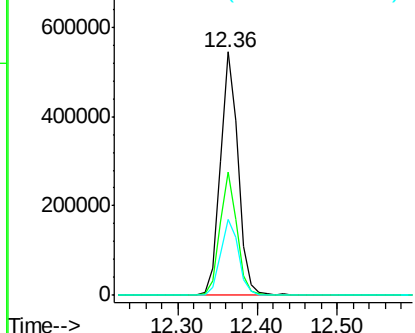
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063661.D
Acq: 19 Aug 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
T8-D-(0)

Tot Ion:117 Resp: 858281
Ion Ratio Lower Upper
117 100
82 50.9 42.0 63.0
119 31.2 25.4 38.0

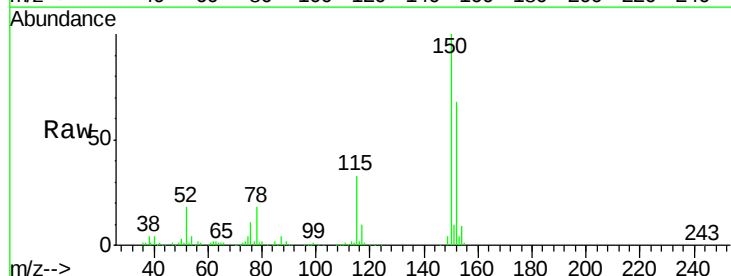


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063661.D
Acq: 19 Aug 2019 16:51

Tgt Ion:152 Resp: 246834
Ion Ratio Lower Upper
152 100
115 48.2 30.9 92.7
150 146.8 0.0 318.6



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

