

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063762.D
 Acq On : 23 Aug 2019 13:22
 Operator : JC/SY
 Sample : K4477-01
 Misc : 6.08g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1(1-3)

Quant Time: Aug 26 01:31:57 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

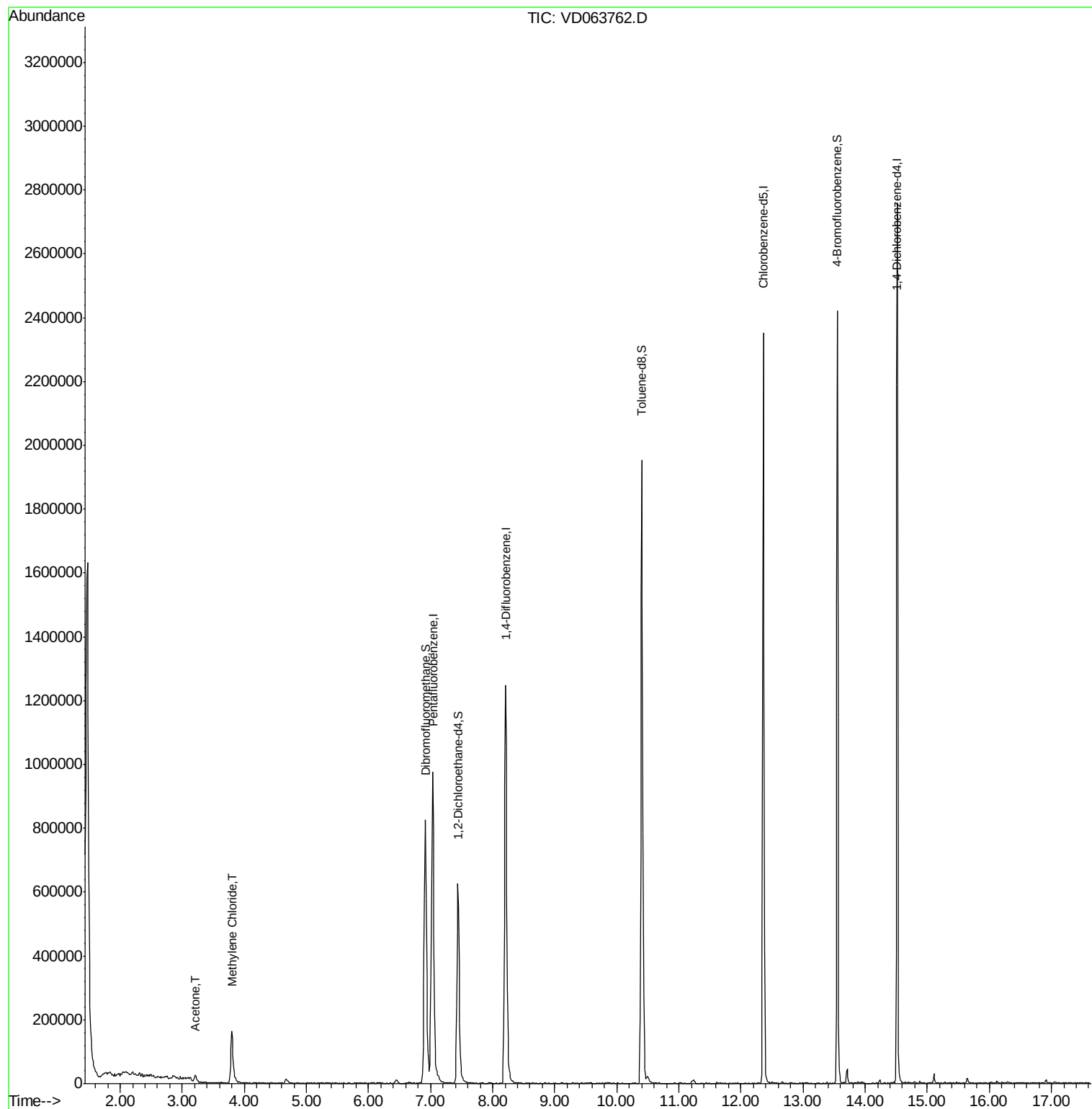
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	980905	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1343091	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1227295	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	620809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	696033	66.38	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	132.76%	
35) Dibromofluoromethane	6.92	113	734911	64.97	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	129.94%	
50) Toluene-d8	10.40	98	1574281	63.30	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	126.60%	
62) 4-Bromofluorobenzene	13.55	95	646851	57.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.78%	
Target Compounds						
16) Acetone	3.21	43	42827	20.093	ug/l #	92
20) Methylene Chloride	3.80	84	93904	10.189	ug/l	90

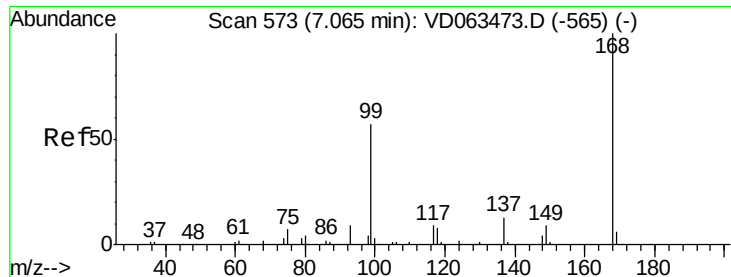
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 570

Delta R.T. -0.03 min

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Acq: 23 Aug 2019 13:22

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MSVOA_D

ClientSampleId :

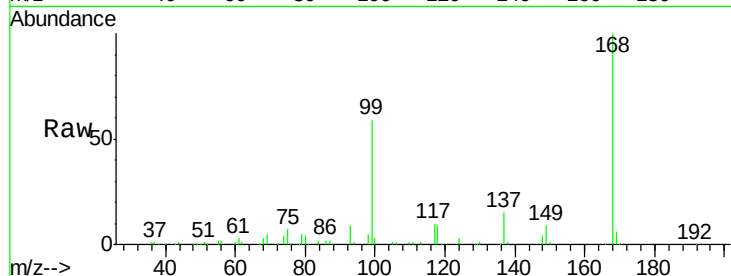
TP-1(1-3)

Tot Ion:168 Resp: 980905

Ion Ratio Lower Upper

168 100

99 59.4 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

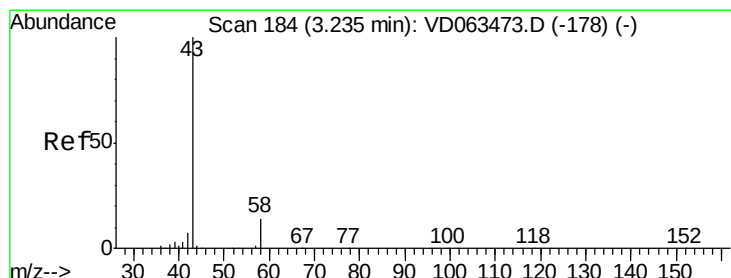
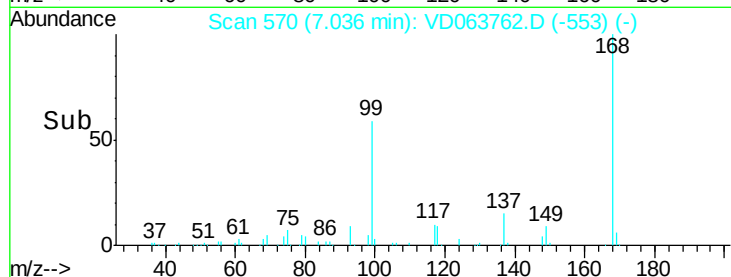
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 20.093 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063762.D

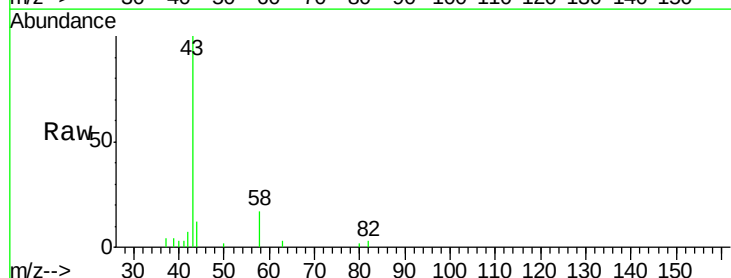
Acq: 23 Aug 2019 13:22

Tgt Ion: 43 Resp: 42827

Ion Ratio Lower Upper

43 100

58 17.4 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

15000

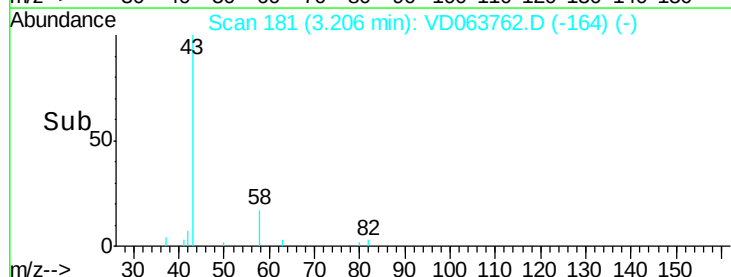
10000

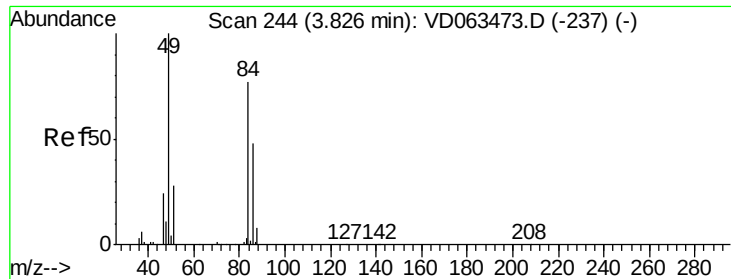
5000

0

Time-->

3.10 3.20 3.30

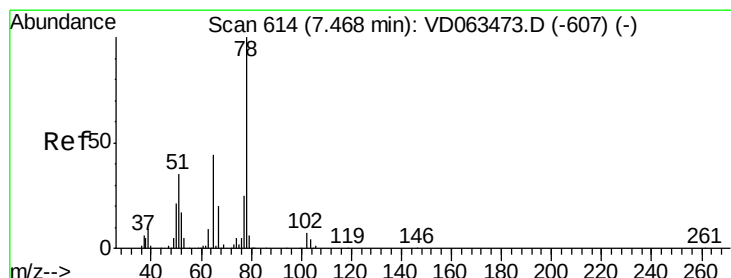
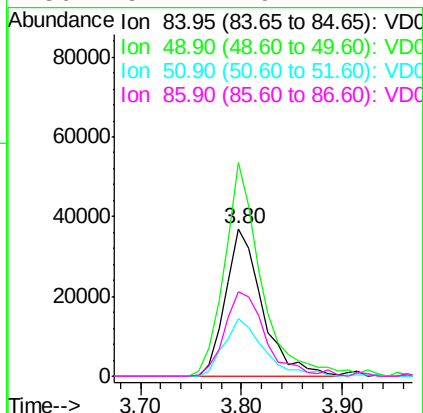
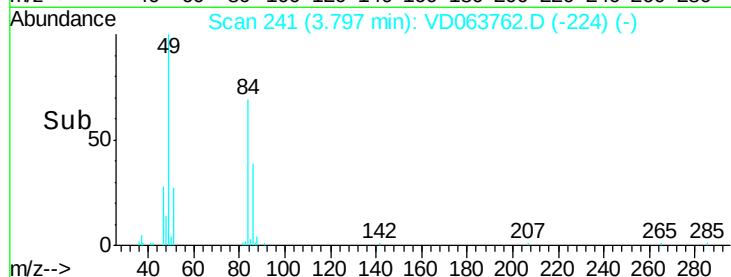
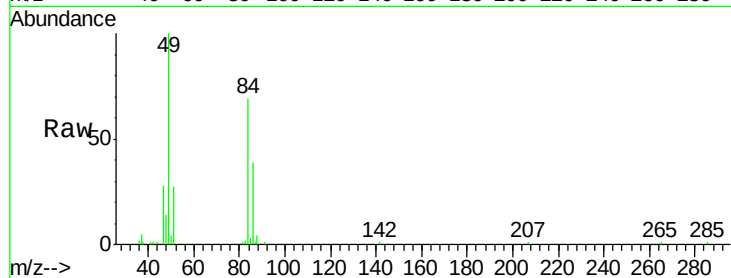




#20
Methylene Chloride
Concen: 10.189 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD063762.D
Acq: 23 Aug 2019 13:22

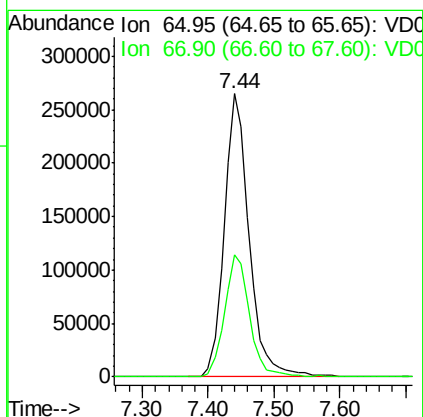
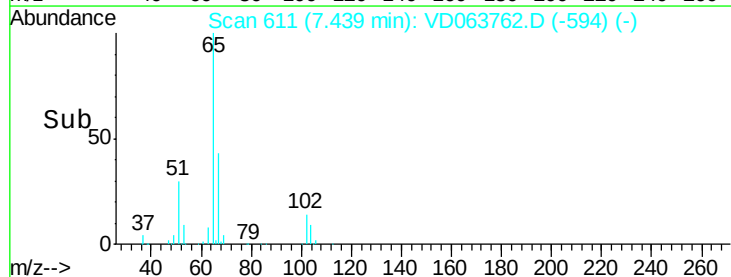
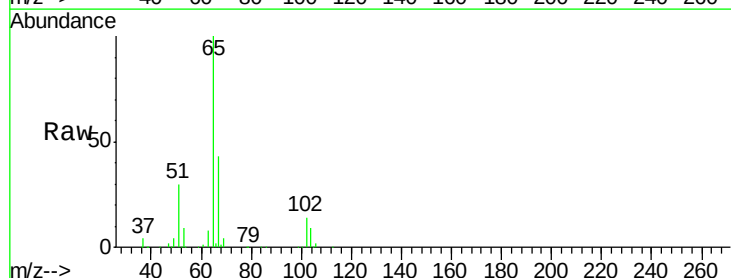
Instrument :
MSVOA_D
ClientSampleId :
TP-1(1-3)

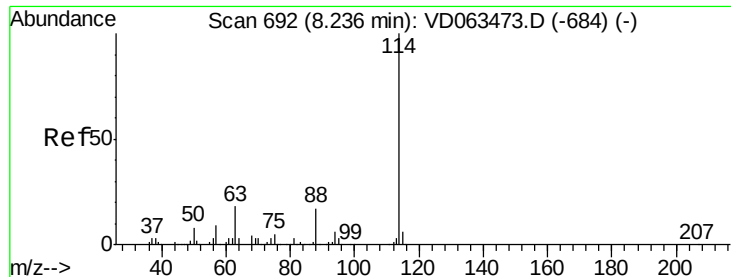
Tot Ion: 84 Resp: 93904
Ion Ratio Lower Upper
84 100
49 144.7 103.4 155.2
51 39.1 28.5 42.7
86 57.1 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 66.383 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063762.D
Acq: 23 Aug 2019 13:22

Tgt Ion: 65 Resp: 696033
Ion Ratio Lower Upper
65 100
67 43.3 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: VD063762.D

Acq: 23 Aug 2019 13:22

Instrument :

MSVOA_D

ClientSampleId :

TP-1(1-3)

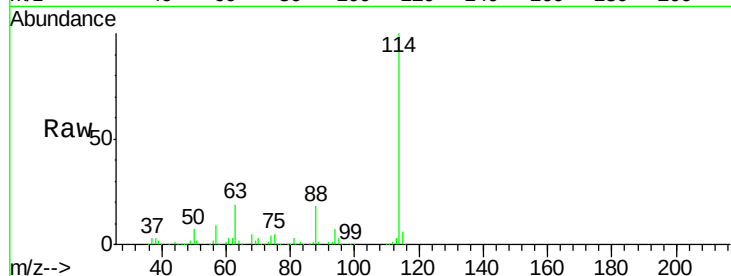
Tot Ion:114 Resp: 1343091

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.2

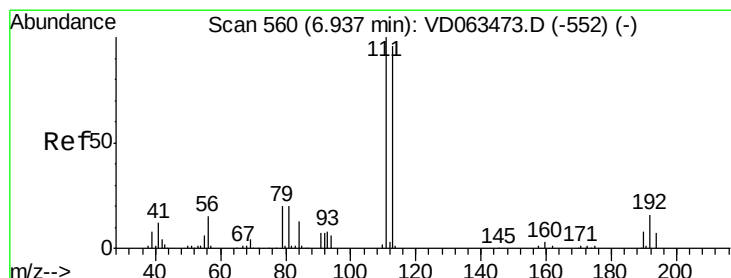
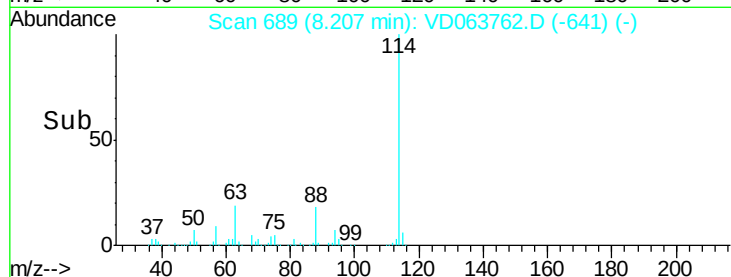
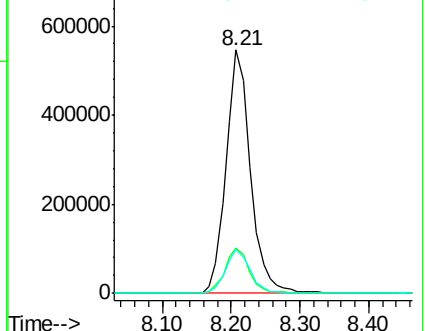
88 17.9 0.0 35.0



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: 64.970 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063762.D

Acq: 23 Aug 2019 13:22

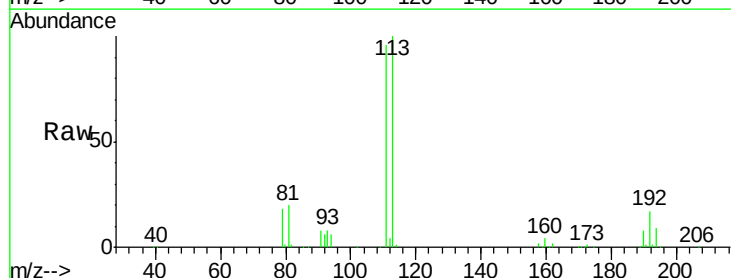
Tgt Ion:113 Resp: 734911

Ion Ratio Lower Upper

113 100

111 96.4 83.1 124.7

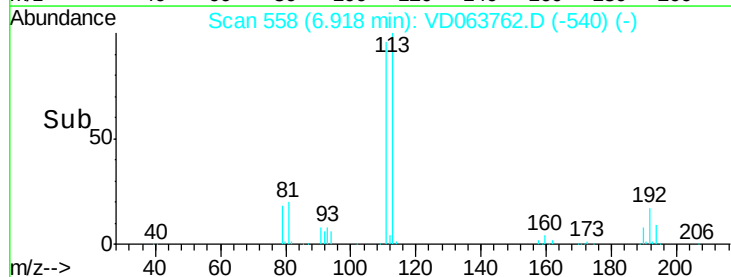
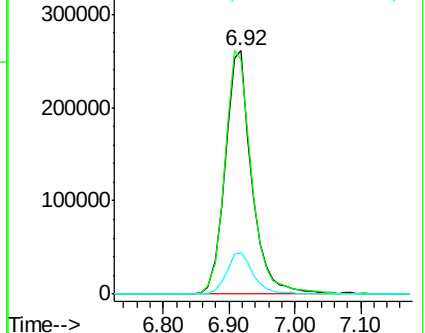
192 17.2 13.1 19.7

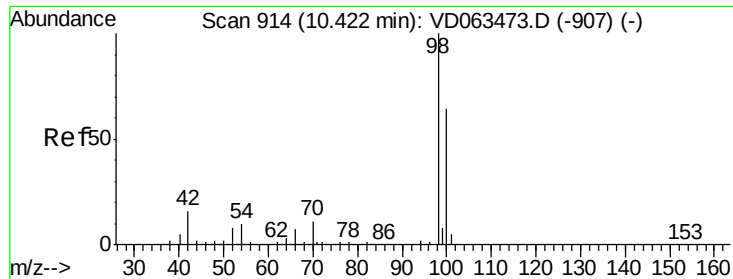


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

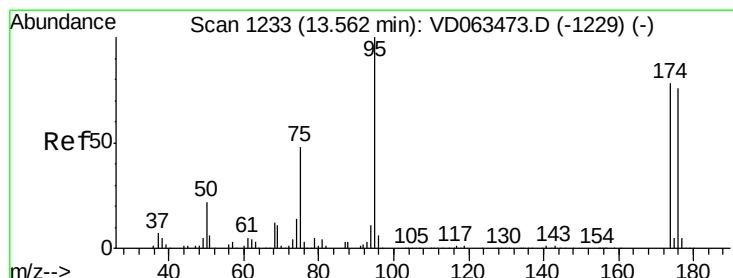
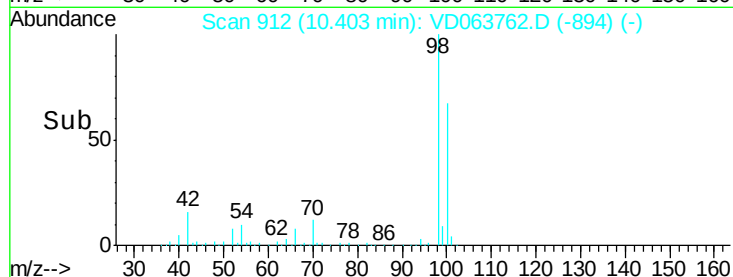
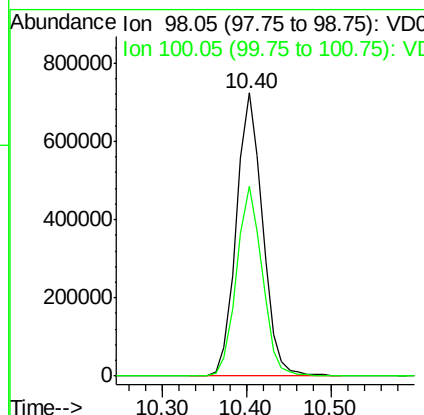
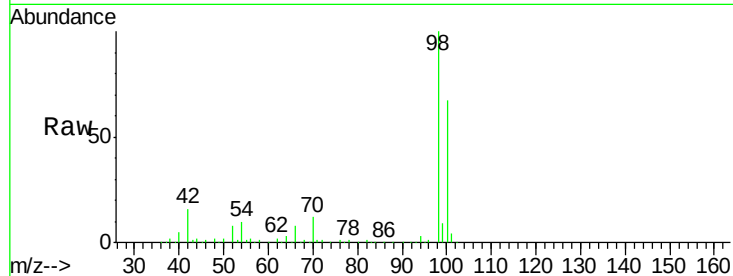




#50
Toluene-d8
Concen: 63.303 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063762.D
Acq: 23 Aug 2019 13:22

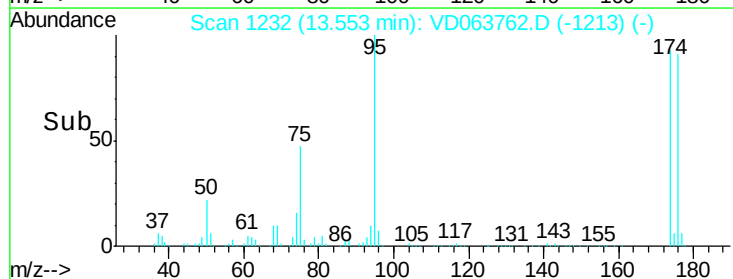
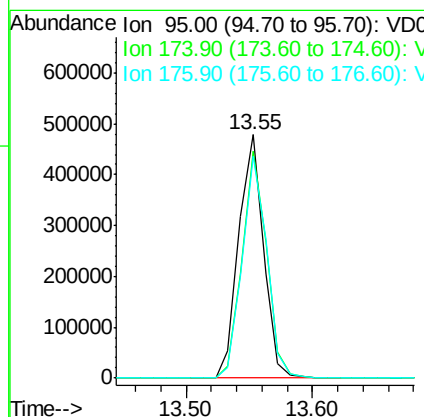
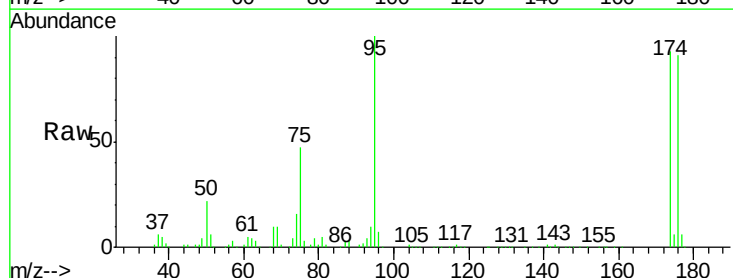
Instrument :
MSVOA_D
ClientSampleId :
TP-1(1-3)

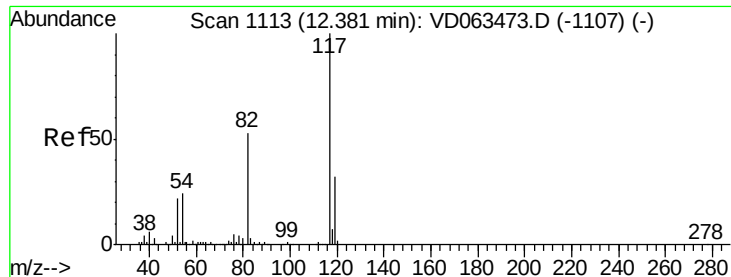
Tot Ion: 98 Resp: 1574281
Ion Ratio Lower Upper
98 100
100 67.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 57.387 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063762.D
Acq: 23 Aug 2019 13:22

Tgt Ion: 95 Resp: 646851
Ion Ratio Lower Upper
95 100
174 93.2 0.0 155.4
176 91.3 0.0 152.4

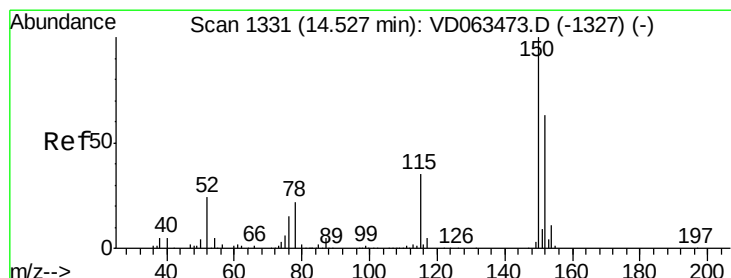
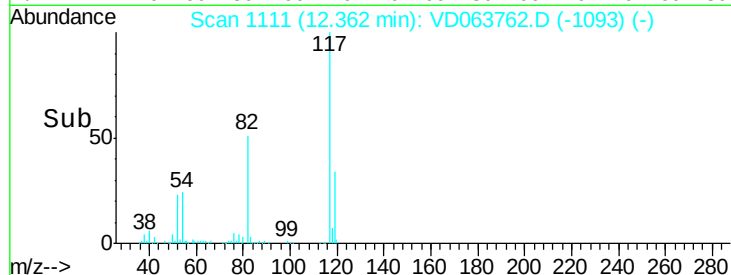
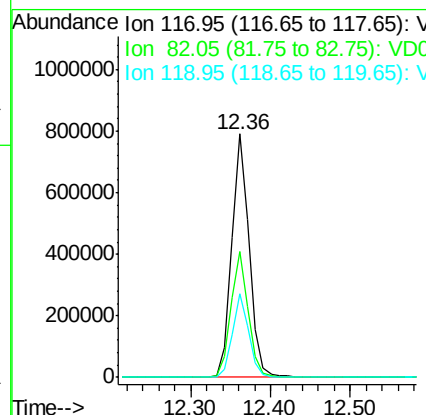
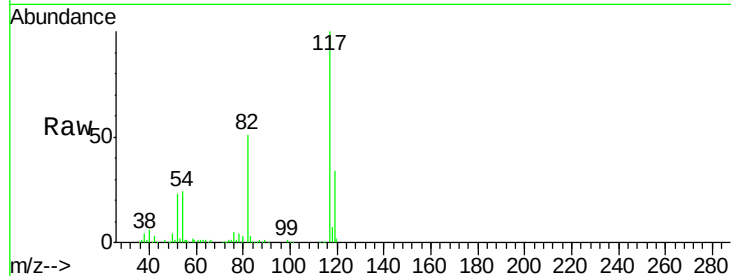




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063762.D
Acq: 23 Aug 2019 13:22

Instrument :
MSVOA_D
ClientSampled :
TP-1(1-3)

Tot Ion:117 Resp: 1227295
Ion Ratio Lower Upper
117 100
82 51.5 42.0 63.0
119 34.3 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: VD063762.D
Acq: 23 Aug 2019 13:22

Tgt Ion:152 Resp: 620809
Ion Ratio Lower Upper
152 100
115 54.5 30.9 92.7
150 156.0 0.0 318.6

