

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063541.D
 Acq On : 13 Aug 2019 21:37
 Operator : JC/SY
 Sample : K4321-05
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Aug 14 09:27:11 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	7.05	168	962670	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1423694	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1163570	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	484615	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	445975	43.34	ug/l	-0.01
Spiked Amount						
			Recovery	=		86.68%
35) Dibromofluoromethane	6.93	113	497900	41.52	ug/l	0.00
Spiked Amount						
			Recovery	=		83.04%
50) Toluene-d8	10.41	98	1032713	39.17	ug/l	-0.01
Spiked Amount						
			Recovery	=		78.34%
62) 4-Bromofluorobenzene	13.56	95	406510	34.02	ug/l	0.00
Spiked Amount						
			Recovery	=		68.04%

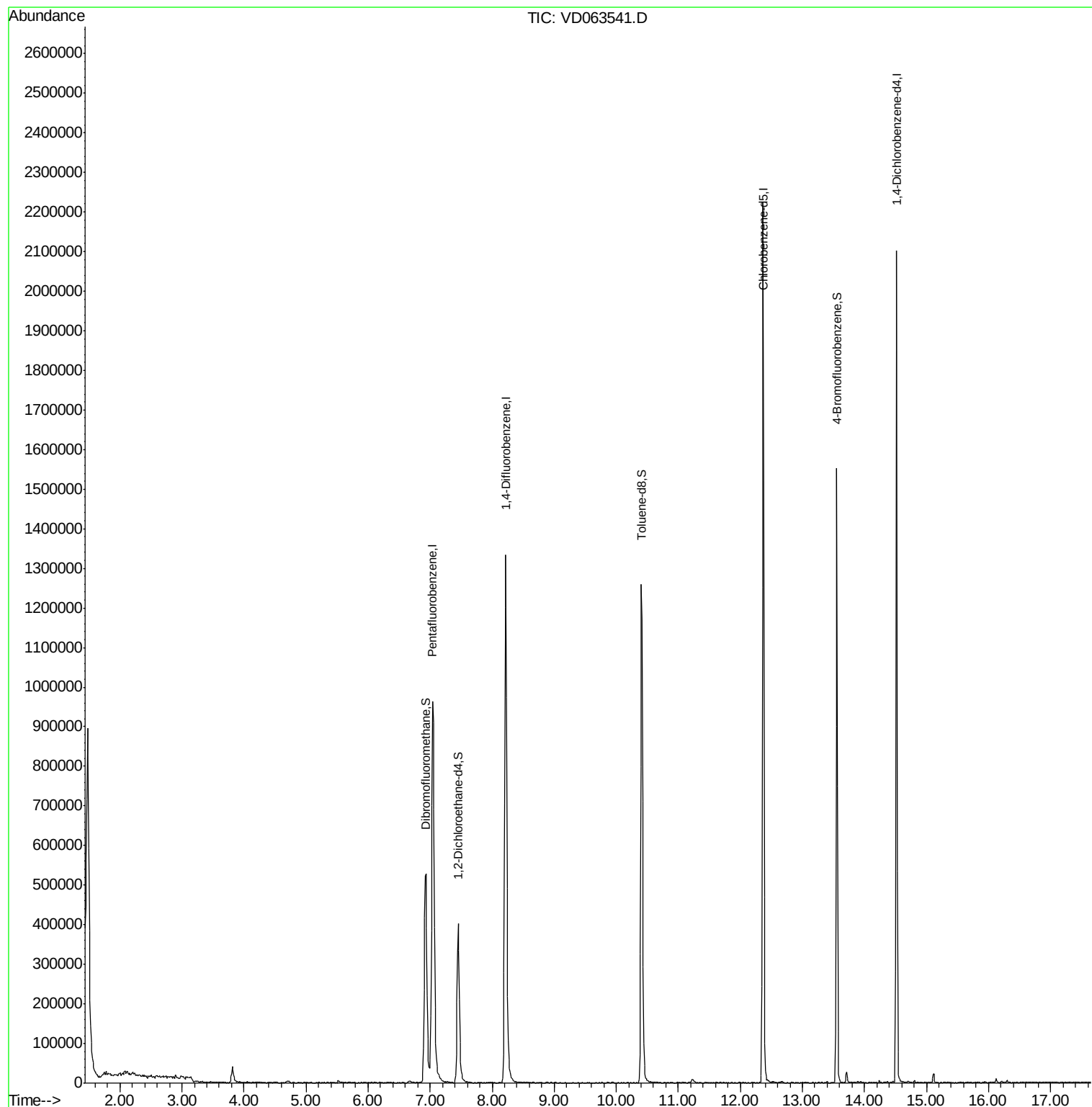
Target Compounds	Qvalue

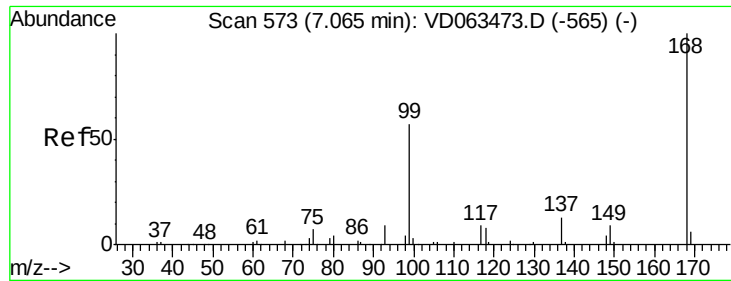
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD063541.D

Acq: 13 Aug 2019 21:37

Instrument :

MSVOA_D

ClientSampled :

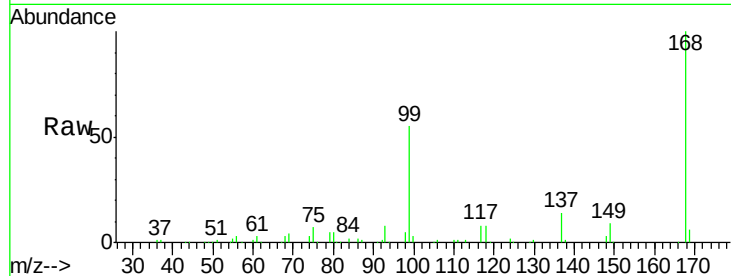
SP-3

Tot Ion:168 Resp: 962670

Ion Ratio Lower Upper

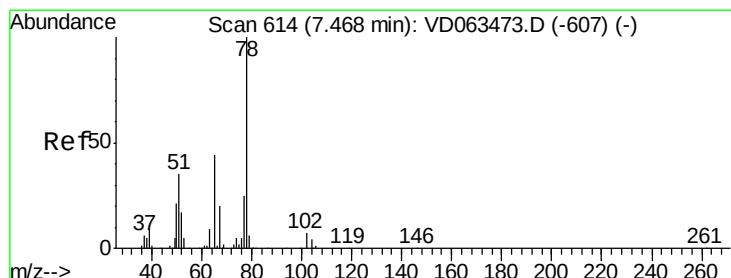
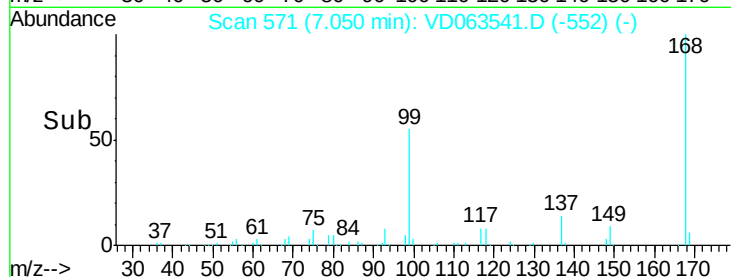
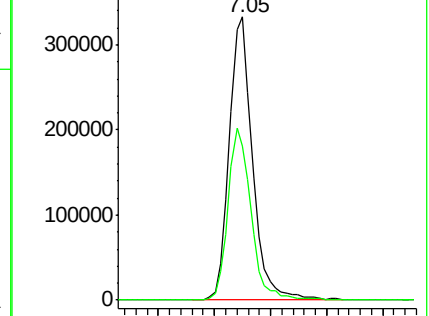
168 100

99 54.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 43.340 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063541.D

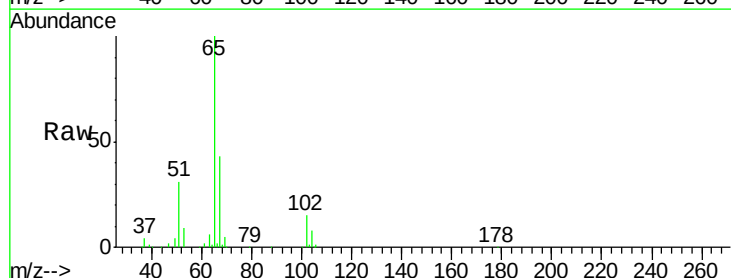
Acq: 13 Aug 2019 21:37

Tgt Ion: 65 Resp: 445975

Ion Ratio Lower Upper

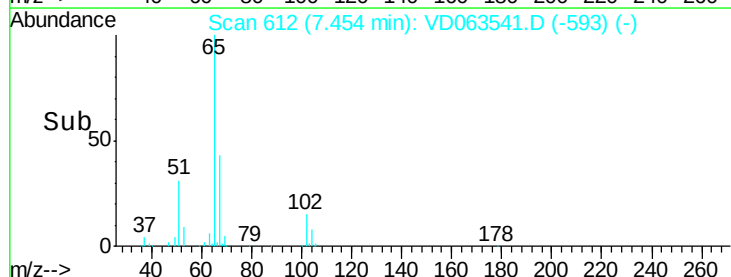
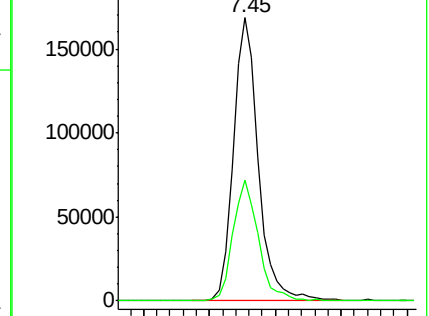
65 100

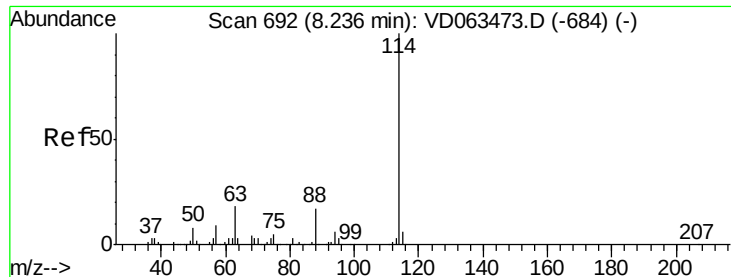
67 42.8 0.0 89.2



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: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063541.D

Acq: 13 Aug 2019 21:37

Instrument :

MSVOA_D

ClientSampleId :

SP-3

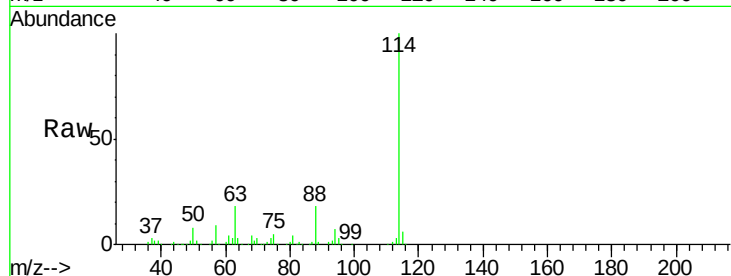
Tot Ion:114 Resp: 1423694

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.2

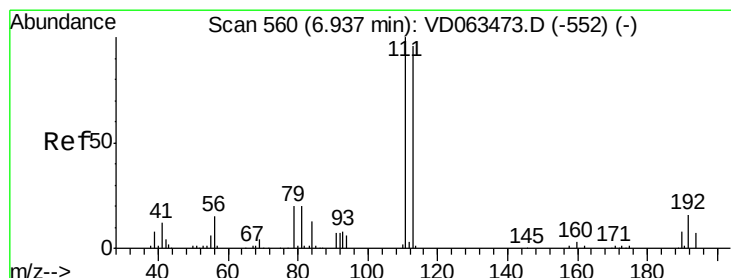
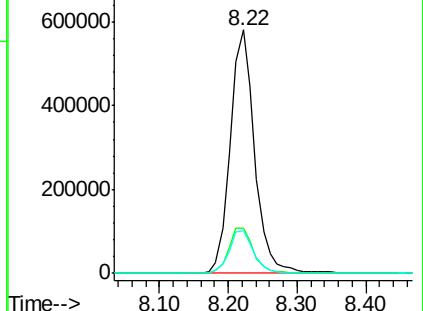
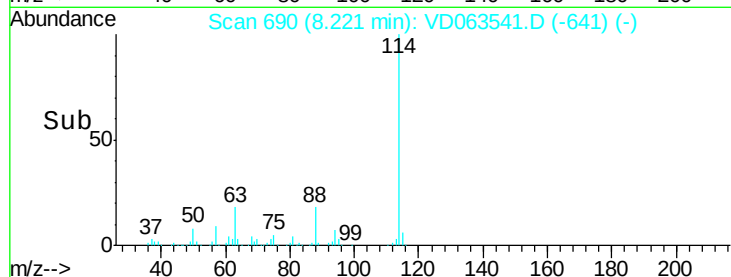
88 17.7 0.0 35.0



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: 41.525 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063541.D

Acq: 13 Aug 2019 21:37

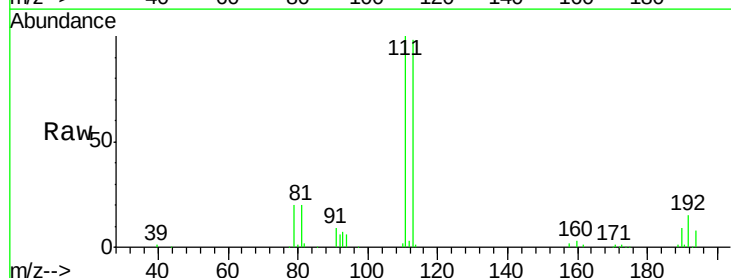
Tgt Ion:113 Resp: 497900

Ion Ratio Lower Upper

113 100

111 102.1 83.1 124.7

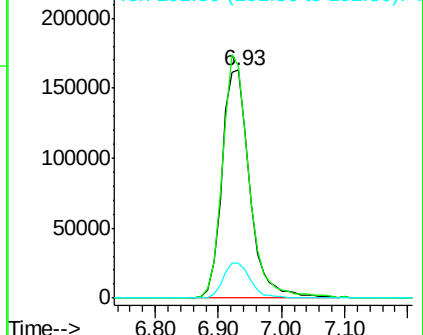
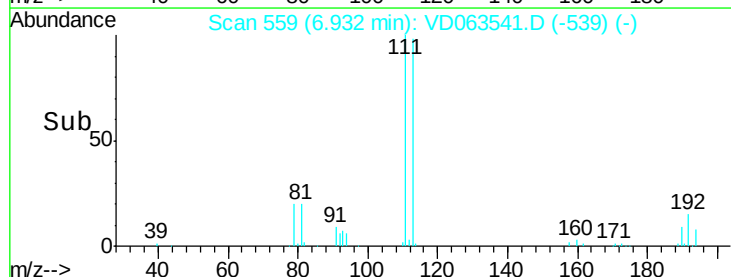
192 15.4 13.1 19.7

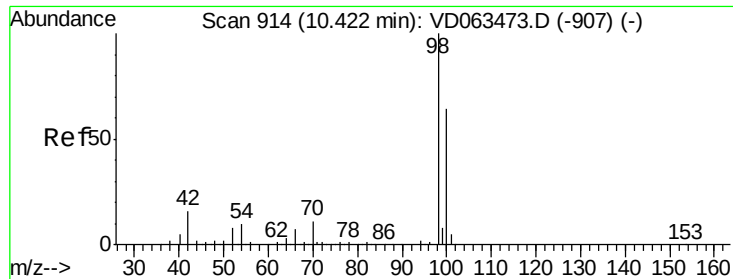


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

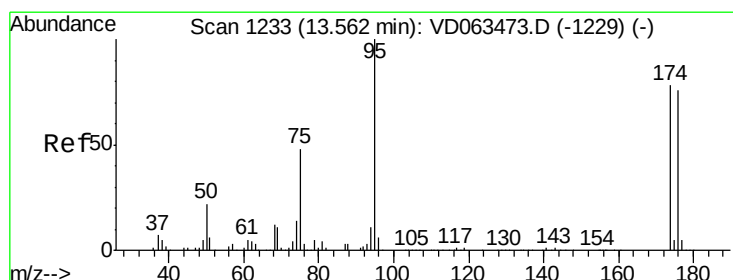
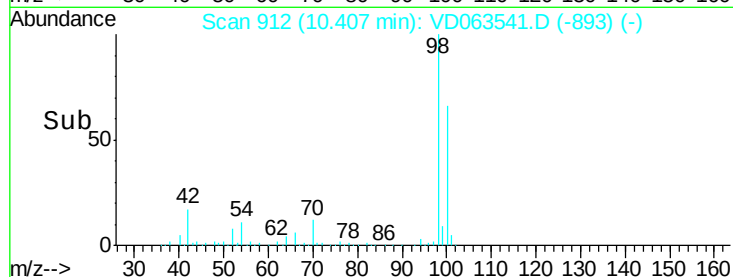
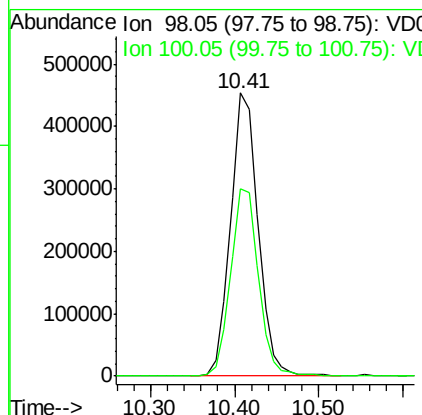
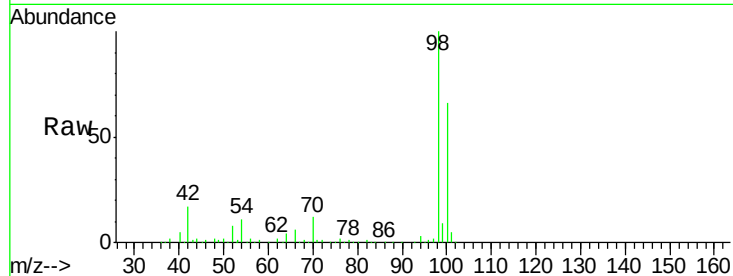




#50
Toluene-d8
Concen: 39.175 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063541.D
Acq: 13 Aug 2019 21:37

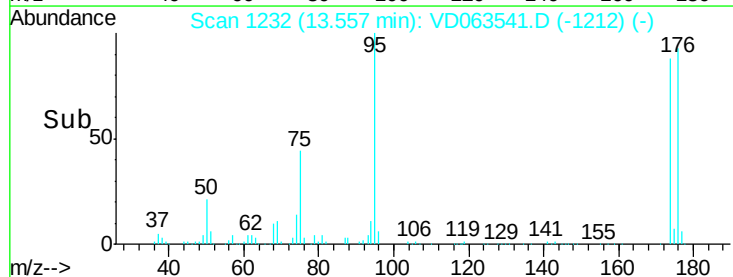
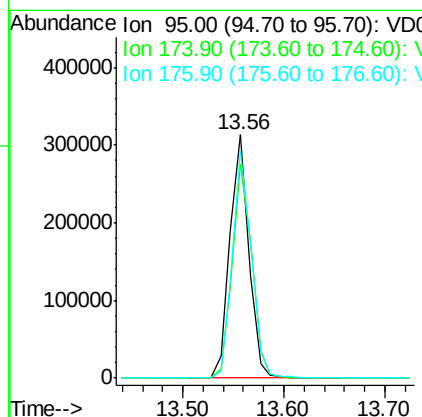
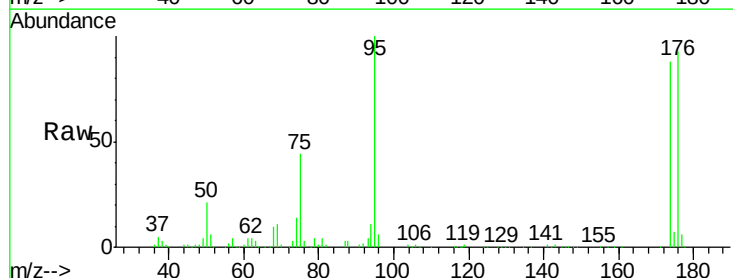
Instrument :
MSVOA_D
ClientSampled :
SP-3

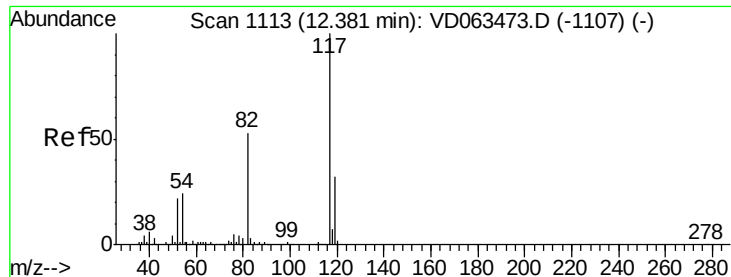
Tot Ion: 98 Resp: 1032713
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 34.023 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063541.D
Acq: 13 Aug 2019 21:37

Tgt Ion: 95 Resp: 406510
Ion Ratio Lower Upper
95 100
174 87.7 0.0 155.4
176 93.3 0.0 152.4

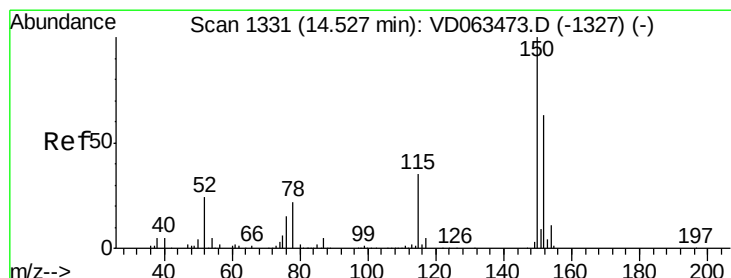
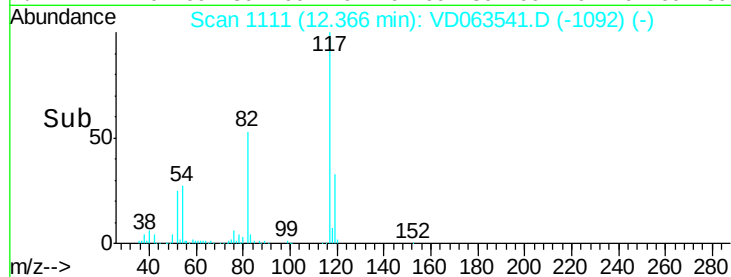
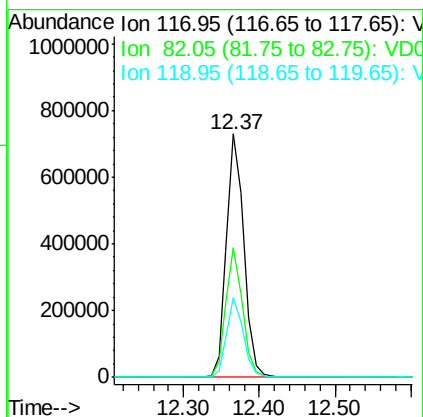
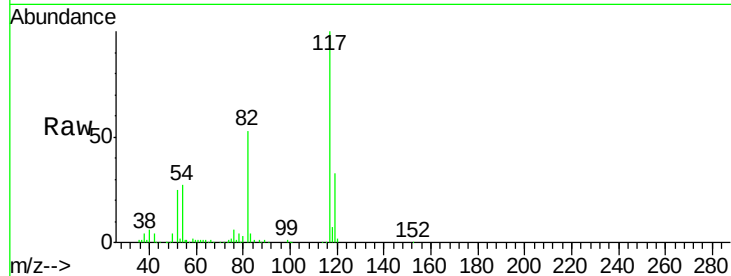




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063541.D
Acq: 13 Aug 2019 21:37

Instrument :
MSVOA_D
ClientSampled :
SP-3

Tot Ion:117 Resp: 1163570
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 32.6 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: VD063541.D
Acq: 13 Aug 2019 21:37

Tgt Ion:152 Resp: 484615
Ion Ratio Lower Upper
152 100
115 54.7 30.9 92.7
150 156.5 0.0 318.6

