

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063658.D
 Acq On : 19 Aug 2019 15:29
 Operator : JC/SY
 Sample : K4389-07
 Misc : 4.84g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-F(2)

Quant Time: Aug 20 08:37:40 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

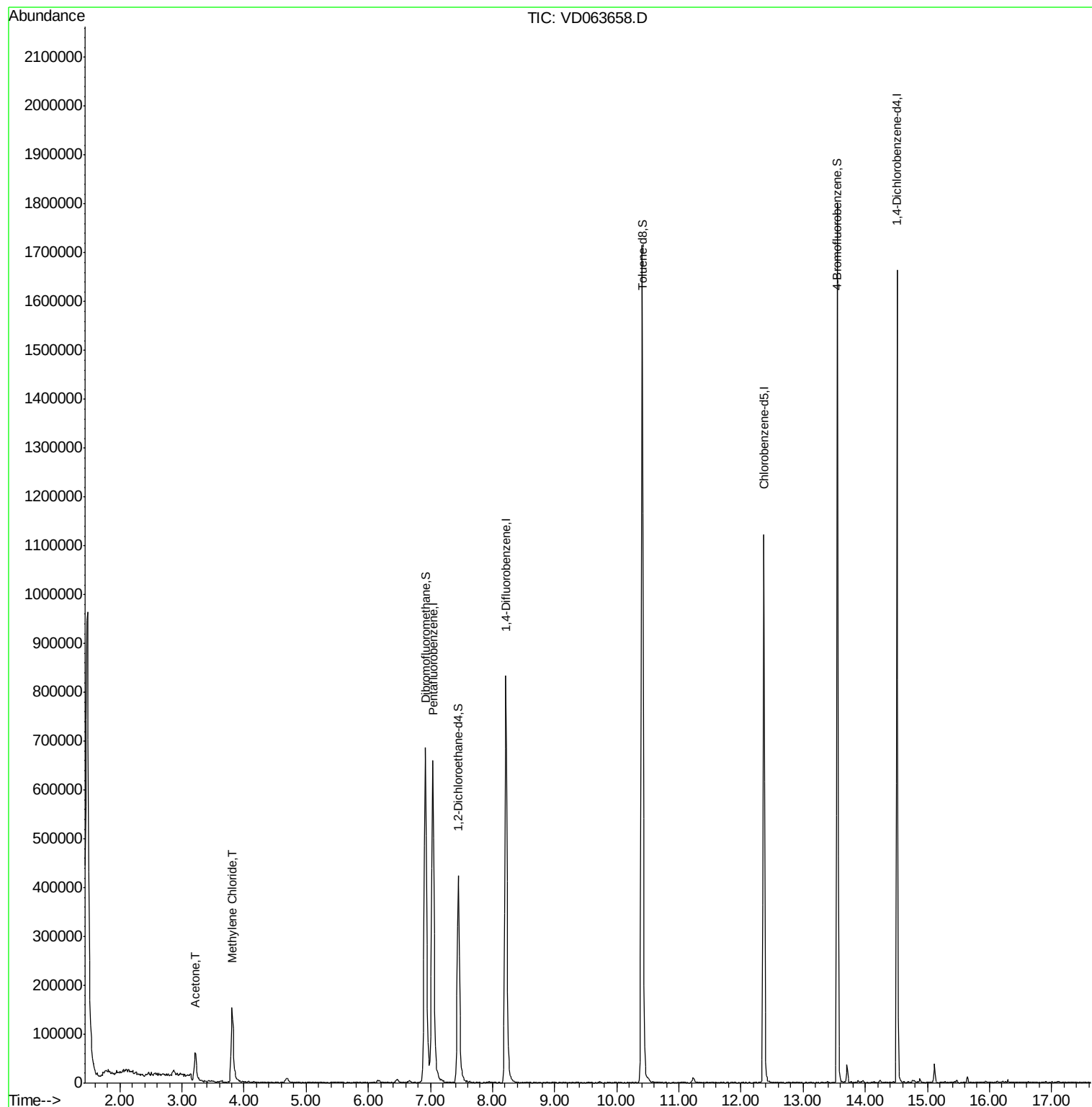
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	656907	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	897507	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	675059	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	335206	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	489545	69.72	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	139.44%	
35) Dibromofluoromethane	6.92	113	615170	81.38	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	162.76%	
50) Toluene-d8	10.41	98	1378434	82.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	165.90%	
62) 4-Bromofluorobenzene	13.55	95	531234	70.53	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	141.06%	
Target Compounds						
16) Acetone	3.21	43	118054	82.706	ug/l	98
20) Methylene Chloride	3.80	84	94844	15.366	ug/l	94

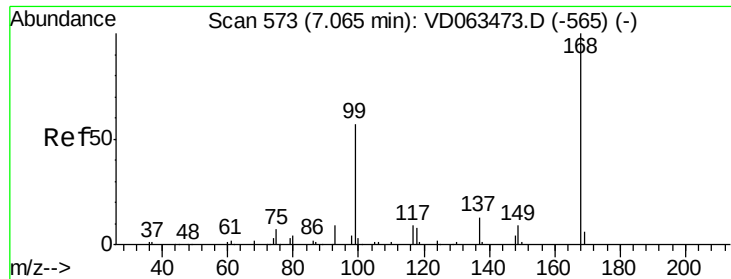
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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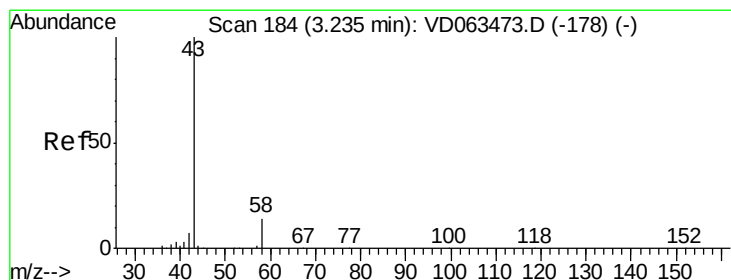
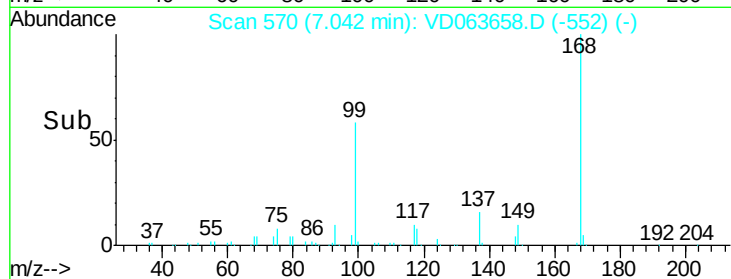
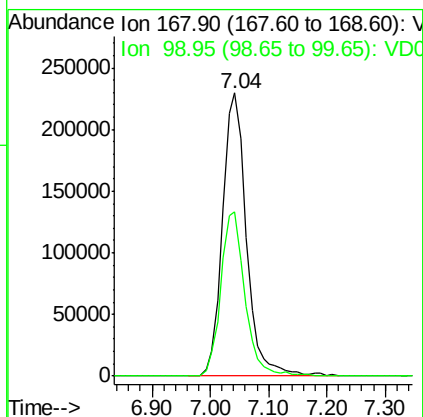
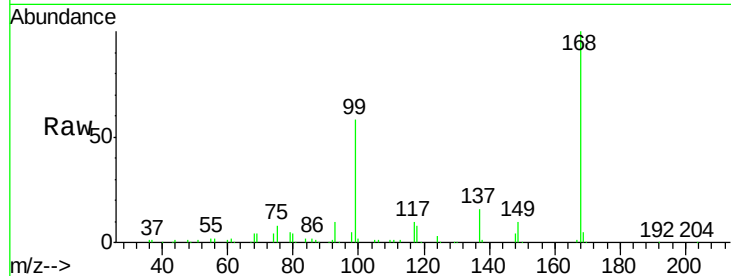




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.02 min
Lab File: VD063658.D
Acq: 19 Aug 2019 15:29

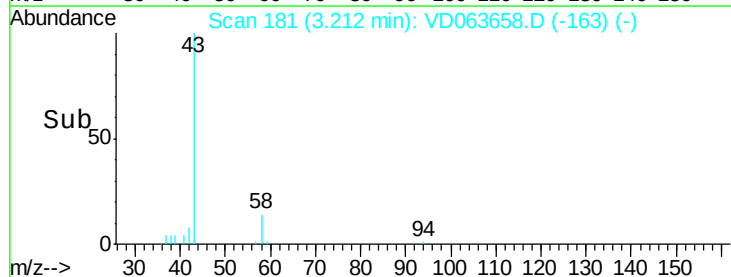
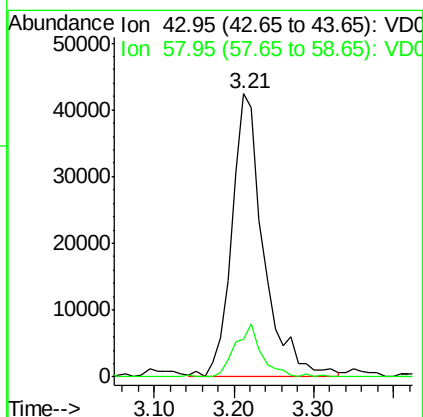
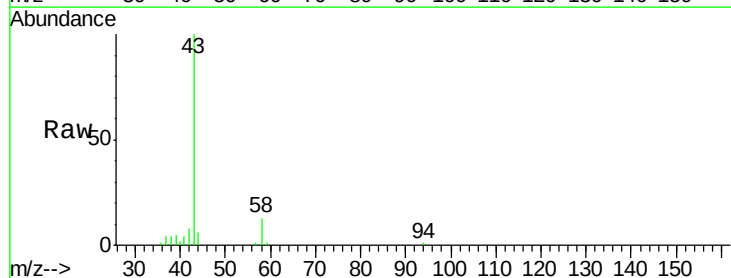
Instrument :
MSVOA_D
ClientSampleId :
T4-F(2)

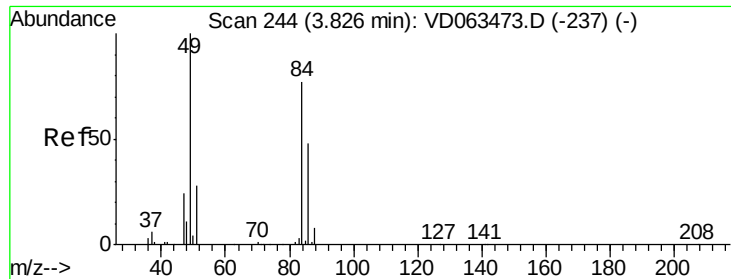
Tot Ion:168 Resp: 656907
Ion Ratio Lower Upper
168 100
99 58.1 46.7 70.1



#16
Acetone
Concen: 82.706 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD063658.D
Acq: 19 Aug 2019 15:29

Tgt Ion: 43 Resp: 118054
Ion Ratio Lower Upper
43 100
58 13.5 11.4 17.2

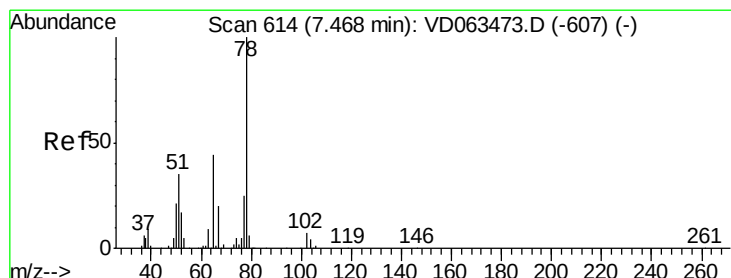
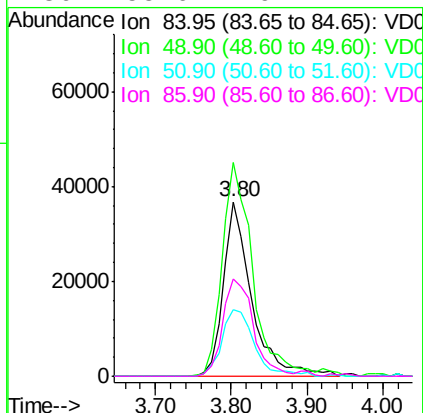
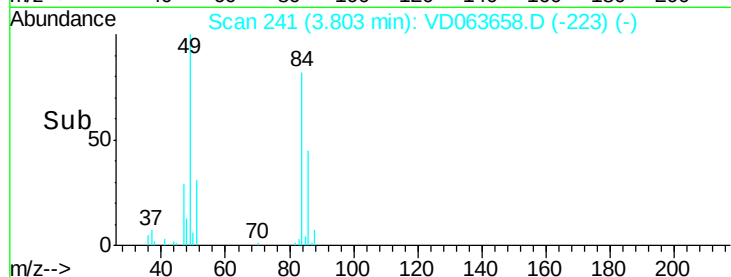
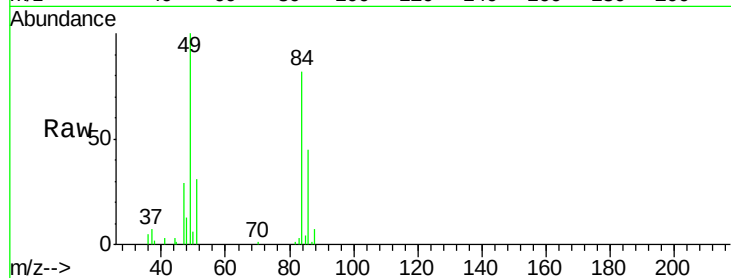




#20
Methylene Chloride
Concen: 15.366 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063658.D
Acq: 19 Aug 2019 15:29

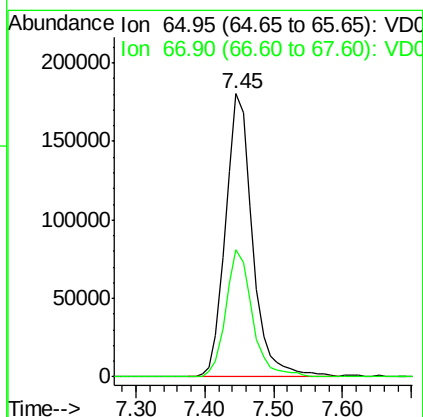
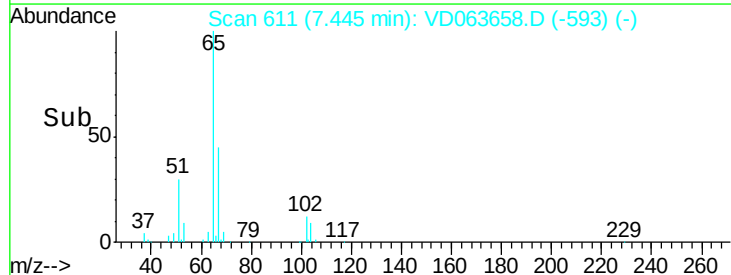
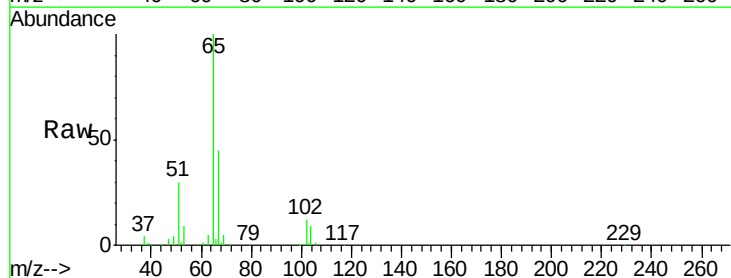
Instrument :
MSVOA_D
ClientSampleId :
T4-F(2)

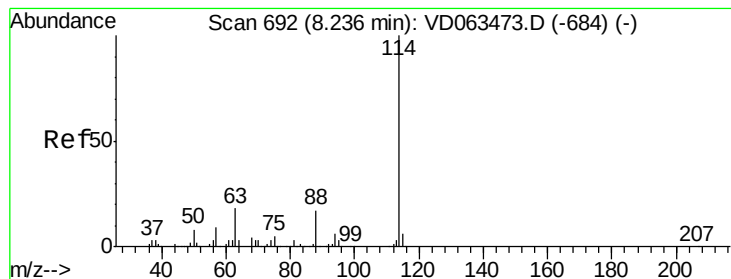
Tot Ion:	84	Resp:	94844
Ion	Ratio	Lower	Upper
84	100		
49	122.4	103.4	155.2
51	38.0	28.5	42.7
86	55.6	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 69.718 ug/l
RT: 7.45 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063658.D
Acq: 19 Aug 2019 15:29

Tgt Ion:	65	Resp:	489545
Ion	Ratio	Lower	Upper
65	100		
67	45.0	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063658.D

Acq: 19 Aug 2019 15:29

Instrument :

MSVOA_D

ClientSampleId :

T4-F(2)

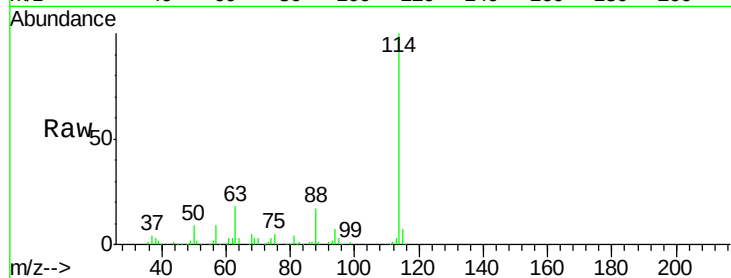
Tot Ion:114 Resp: 897507

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.2

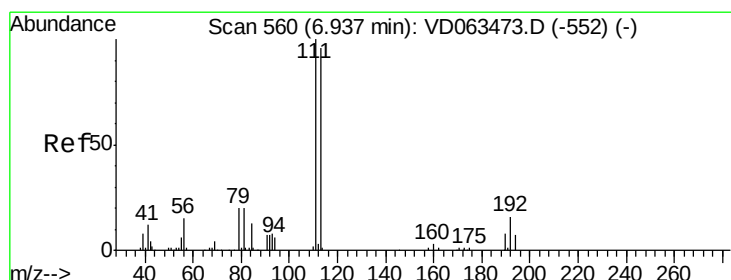
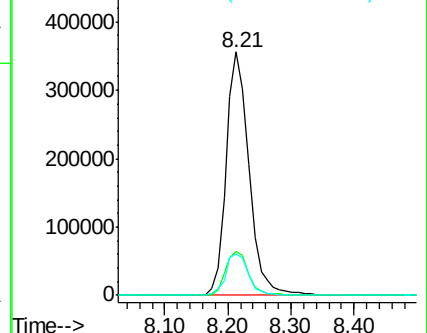
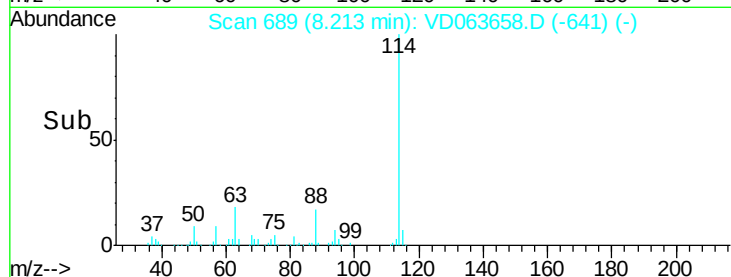
88 16.8 0.0 35.0



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: 81.384 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063658.D

Acq: 19 Aug 2019 15:29

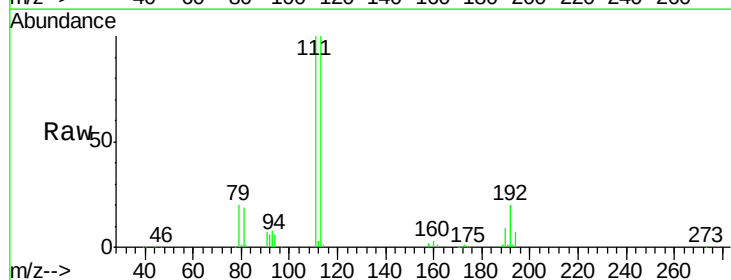
Tgt Ion:113 Resp: 615170

Ion Ratio Lower Upper

113 100

111 100.3 83.1 124.7

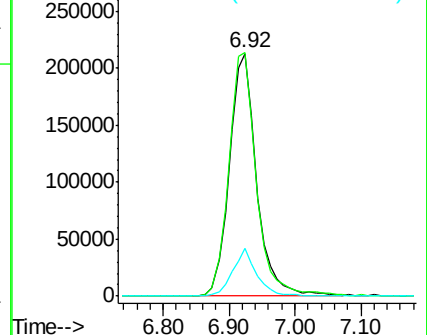
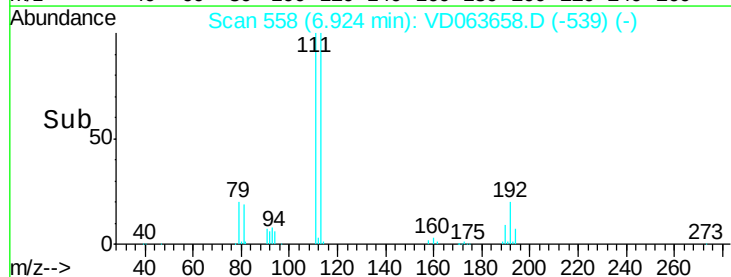
192 19.8 13.1 19.7#

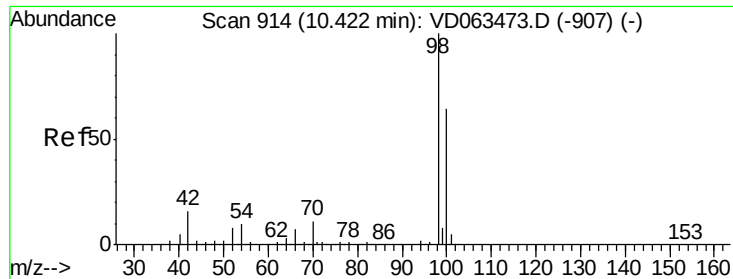


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

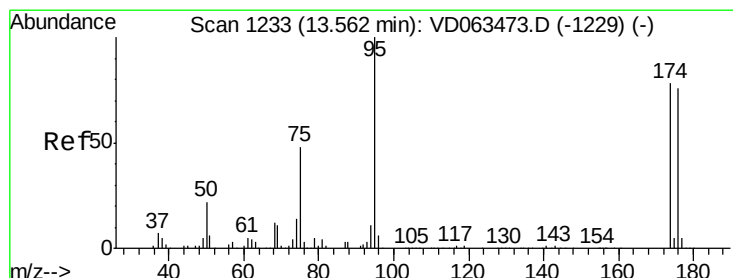
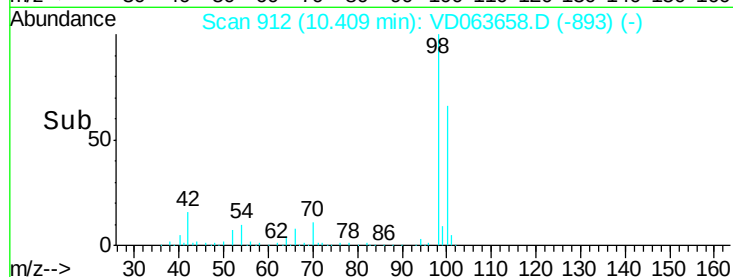
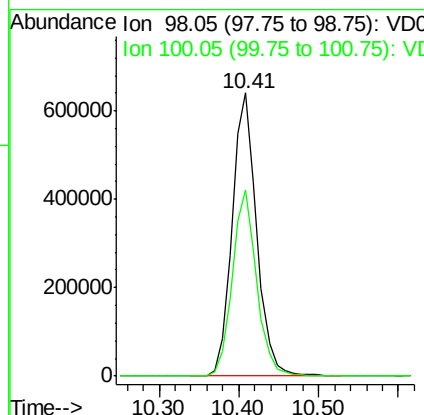
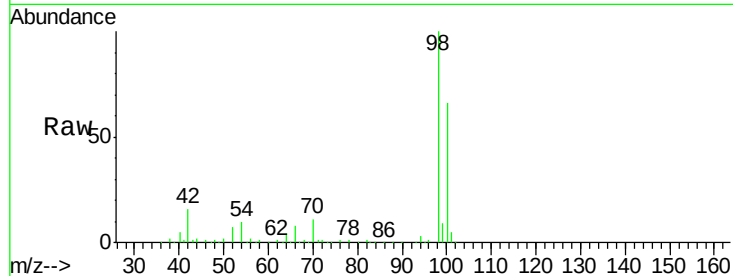




#50
Toluene-d8
Concen: 82.946 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063658.D
Acq: 19 Aug 2019 15:29

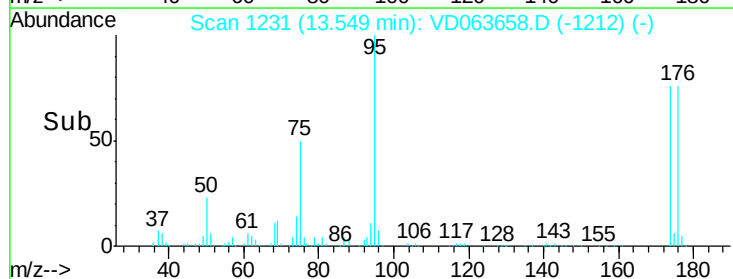
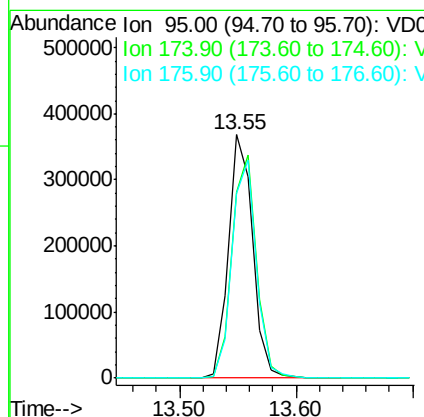
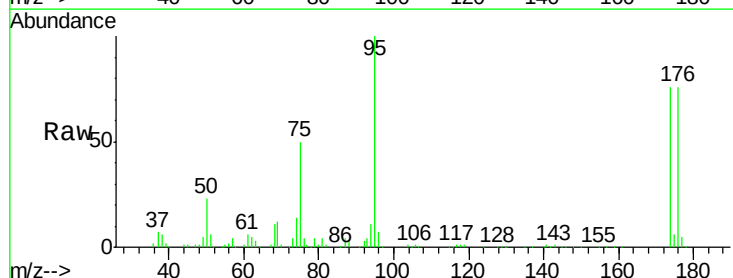
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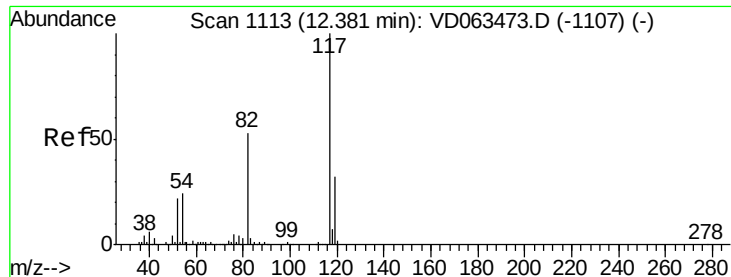
Tot Ion: 98 Resp: 1378434
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 70.528 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063658.D
Acq: 19 Aug 2019 15:29

Tgt Ion: 95 Resp: 531234
Ion Ratio Lower Upper
95 100
174 76.4 0.0 155.4
176 76.1 0.0 152.4

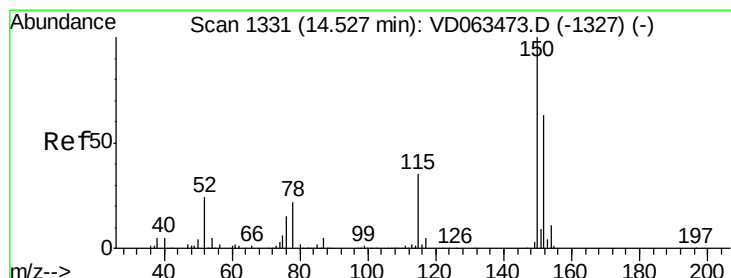
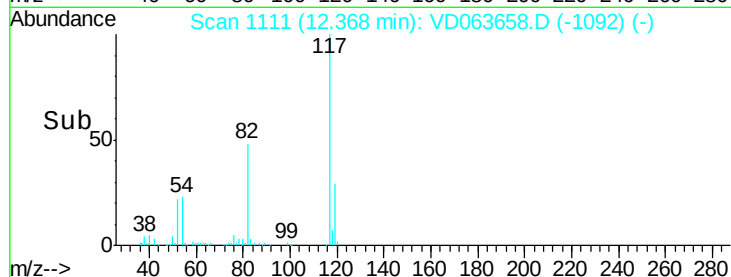
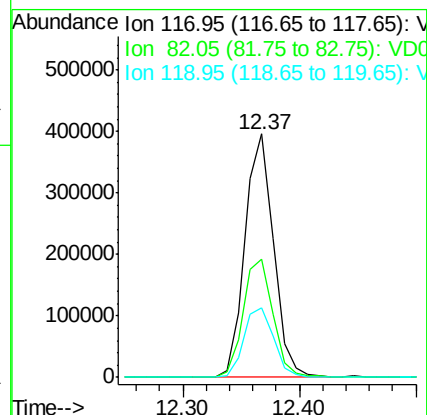
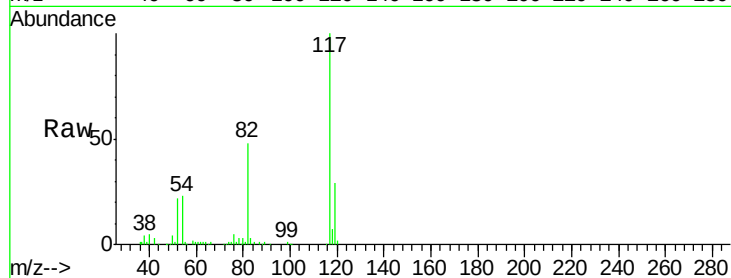




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063658.D
Acq: 19 Aug 2019 15:29

Instrument :
MSVOA_D
ClientSampleId :
T4-F(2)

Tot Ion:117 Resp: 675059
Ion Ratio Lower Upper
117 100
82 48.4 42.0 63.0
119 28.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063658.D
Acq: 19 Aug 2019 15:29

Tgt Ion:152 Resp: 335206
Ion Ratio Lower Upper
152 100
115 56.5 30.9 92.7
150 148.6 0.0 318.6

