

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063600.D
 Acq On : 15 Aug 2019 4:54
 Operator : JC/SY
 Sample : K4339-05
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-A4-(0)

Quant Time: Aug 15 13:23:44 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

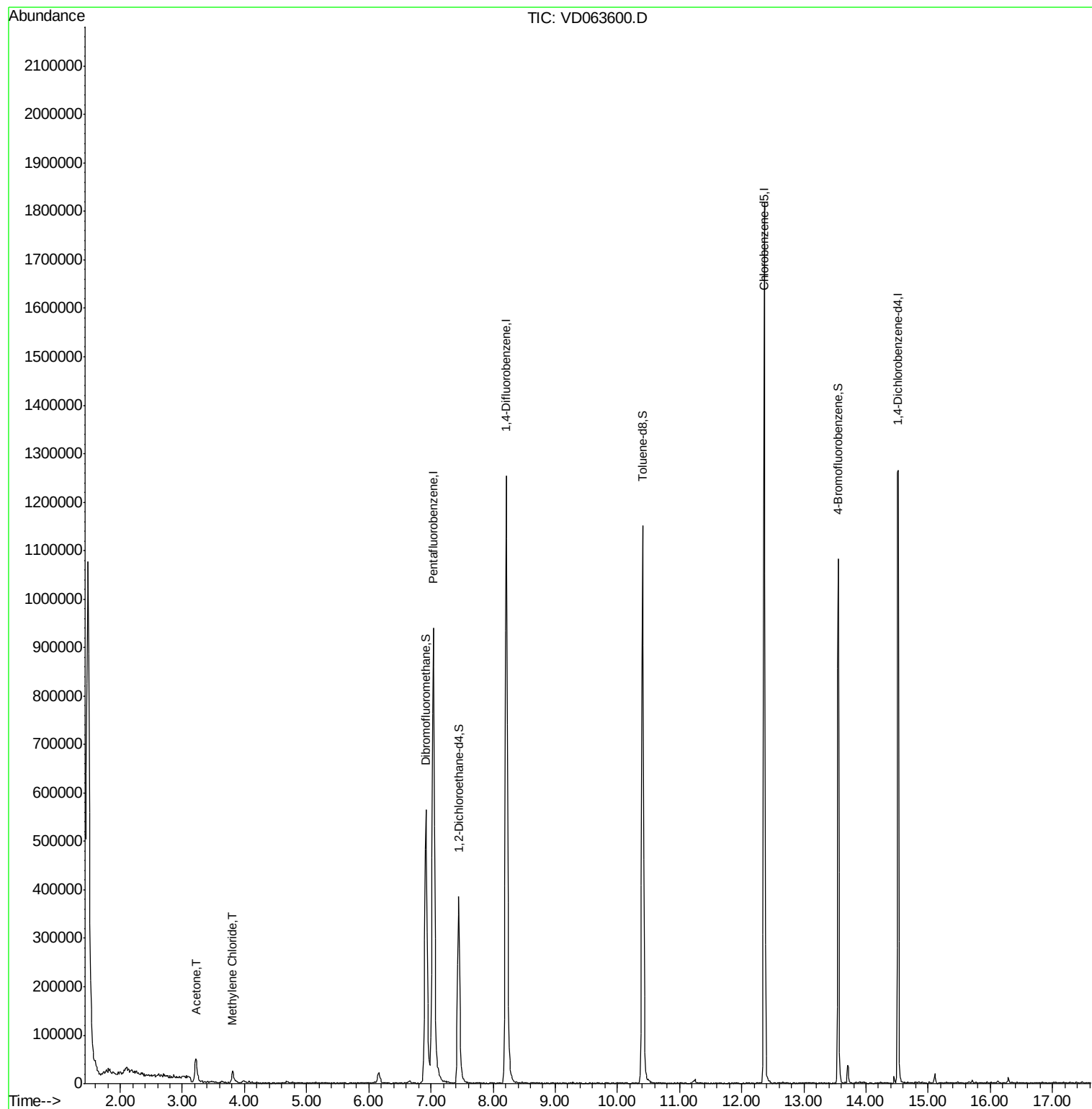
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	924290	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1398258	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	958456	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	309483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	429296	43.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.90%	
35) Dibromofluoromethane	6.92	113	498903	42.37	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.74%	
50) Toluene-d8	10.40	98	908528	35.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	70.18%	
62) 4-Bromofluorobenzene	13.55	95	308970	26.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.66%	
Target Compounds						
16) Acetone	3.22	43	93507	46.558	ug/l	96
20) Methylene Chloride	3.82	84	13357	1.538	ug/l	88

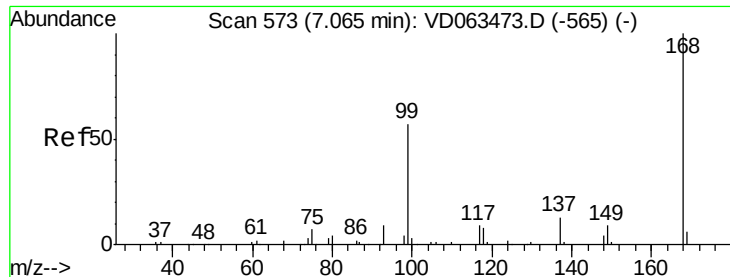
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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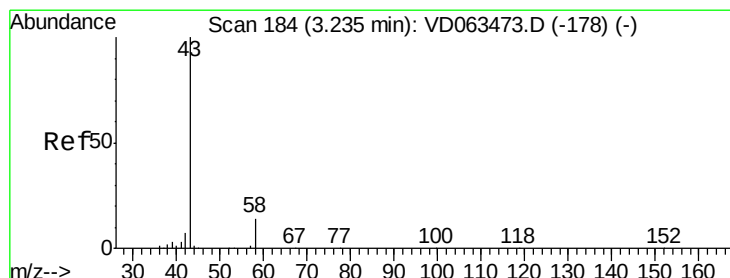
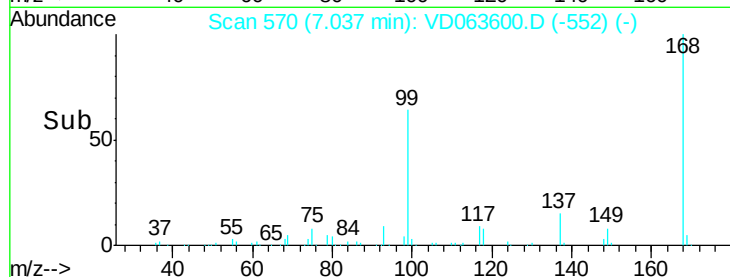
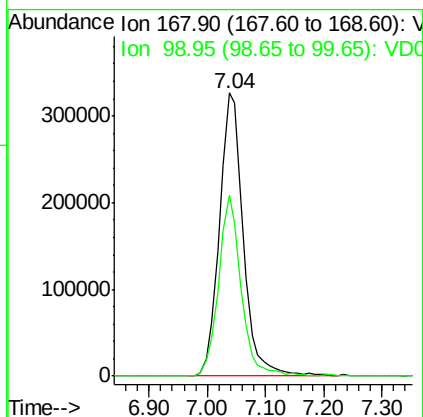
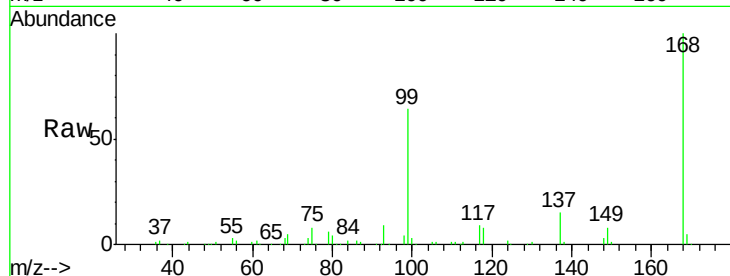




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.03 min
Lab File: VD063600.D
Acq: 15 Aug 2019 4:54

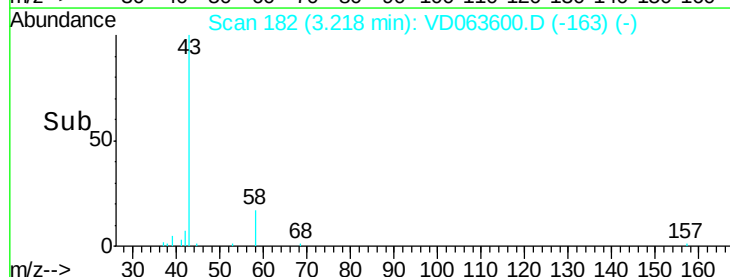
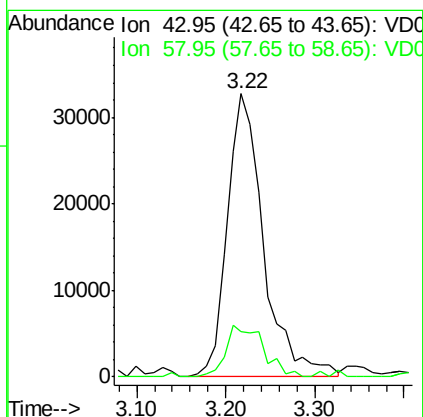
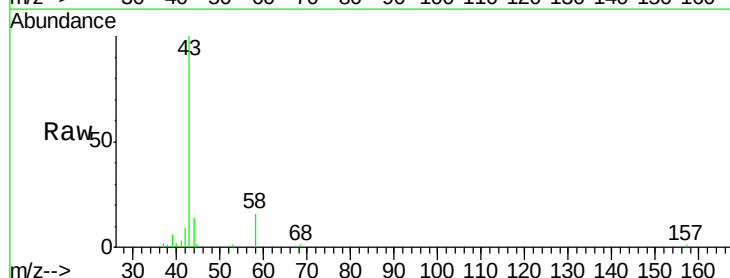
Instrument :
MSVOA_D
ClientSampleId :
T8-A4-(0)

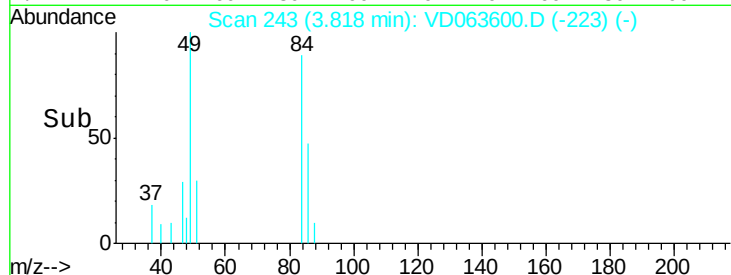
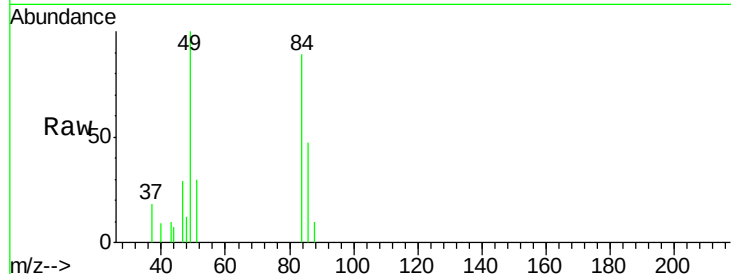
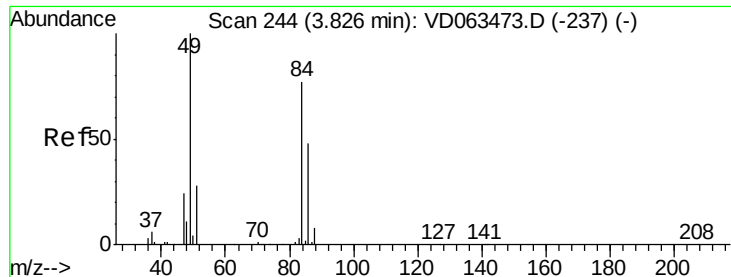
Tot Ion:168 Resp: 924290
Ion Ratio Lower Upper
168 100
99 63.9 46.7 70.1



#16
Acetone
Concen: 46.558 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.02 min
Lab File: VD063600.D
Acq: 15 Aug 2019 4:54

Tgt Ion: 43 Resp: 93507
Ion Ratio Lower Upper
43 100
58 16.1 11.4 17.2

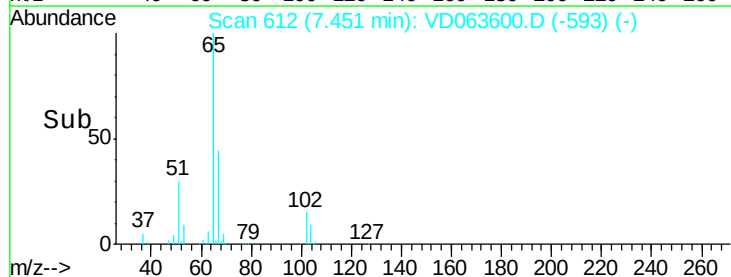
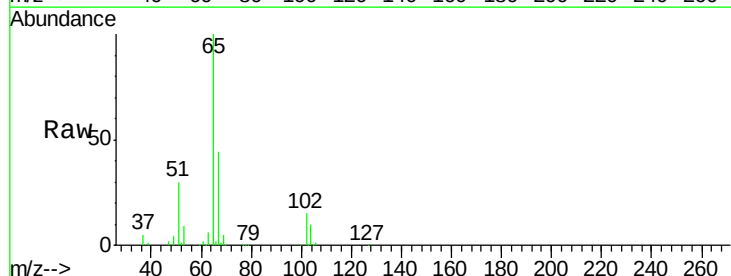
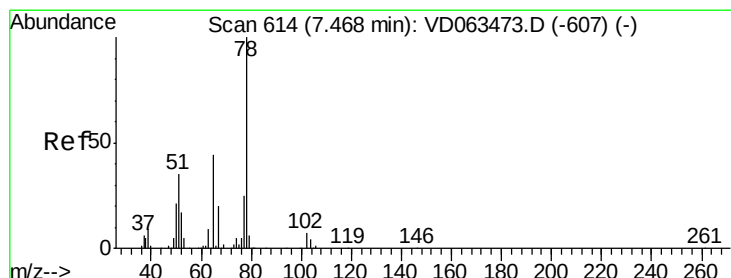
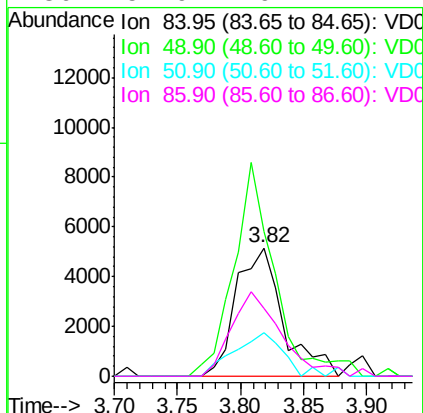




#20
Methylene Chloride
Concen: 1.538 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063600.D
Acq: 15 Aug 2019 4:54

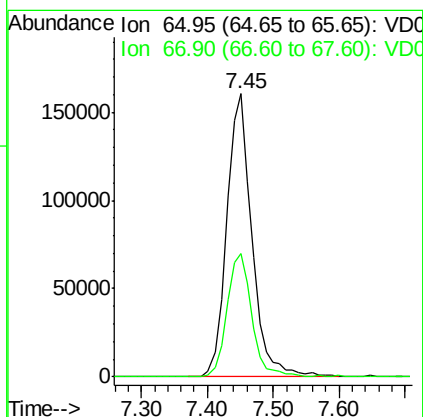
Instrument :
MSVOA_D
ClientSampleId :
T8-A4-(0)

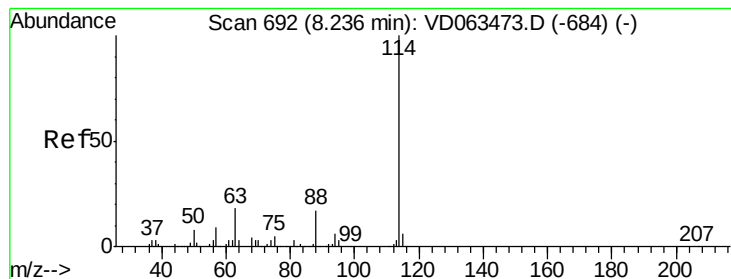
Tot Ion:	84	Resp:	13357
Ion	Ratio	Lower	Upper
84	100		
49	113.0	103.4	155.2
51	34.1	28.5	42.7
86	52.9	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 43.451 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063600.D
Acq: 15 Aug 2019 4:54

Tgt Ion:	65	Resp:	429296
Ion	Ratio	Lower	Upper
65	100		
67	43.6	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: VD063600.D

Acq: 15 Aug 2019 4:54

Instrument :

MSVOA_D

ClientSampleId :

T8-A4-(0)

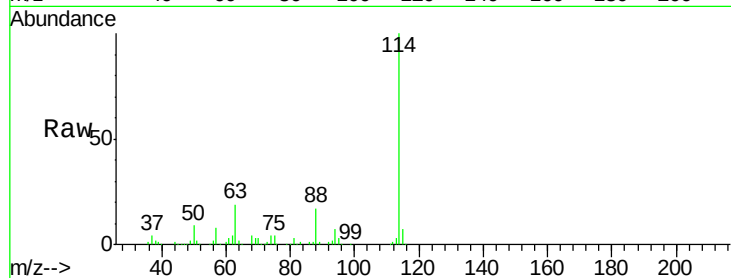
Tot Ion:114 Resp: 1398258

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.2

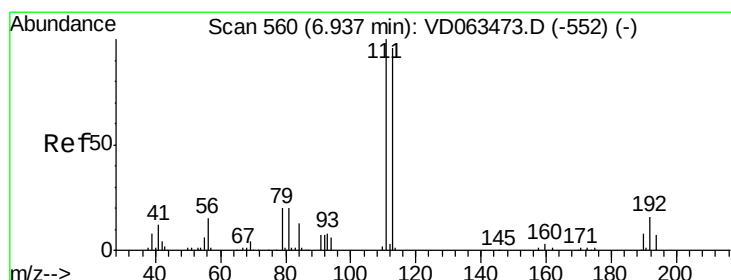
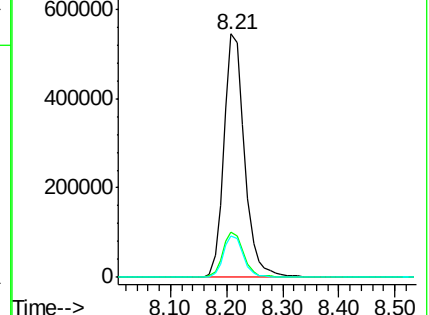
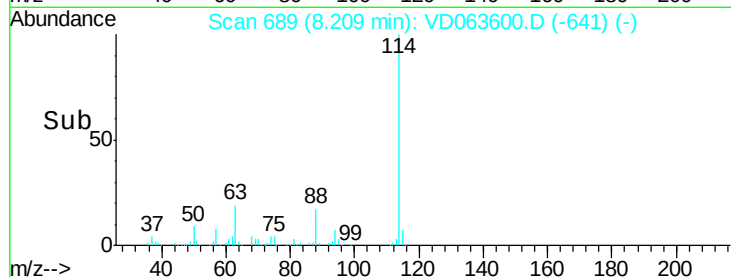
88 17.2 0.0 35.0



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: 42.365 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063600.D

Acq: 15 Aug 2019 4:54

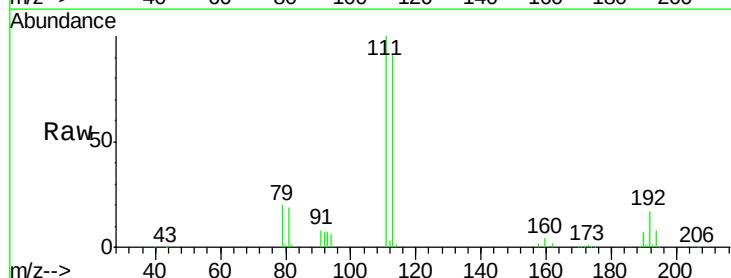
Tgt Ion:113 Resp: 498903

Ion Ratio Lower Upper

113 100

111 110.3 83.1 124.7

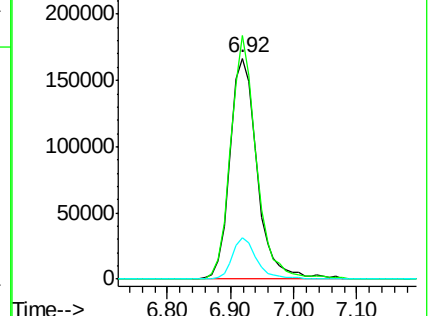
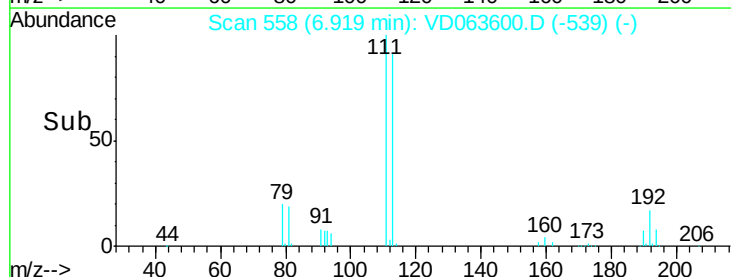
192 19.0 13.1 19.7

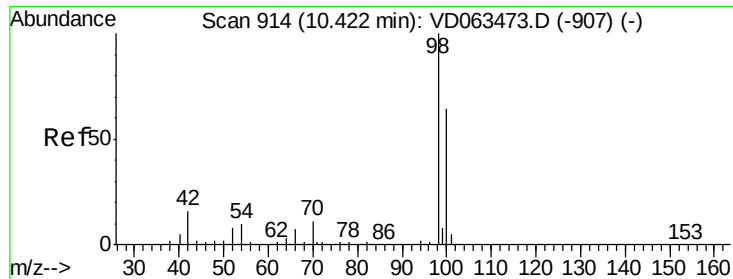


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

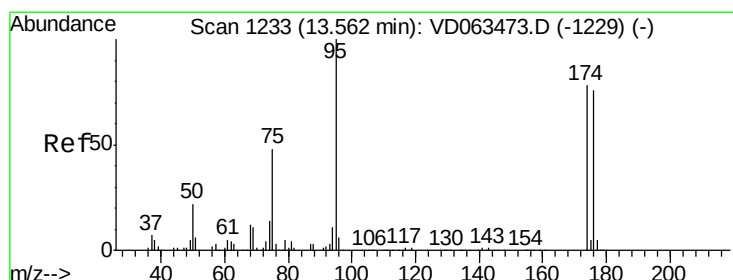
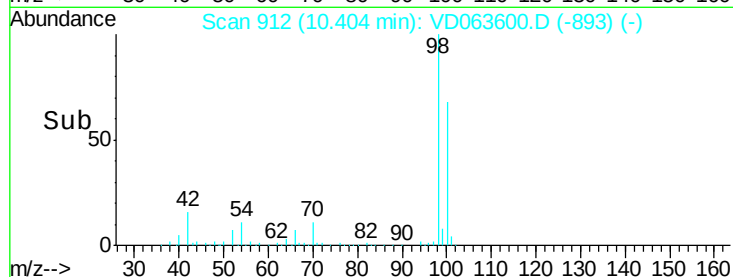
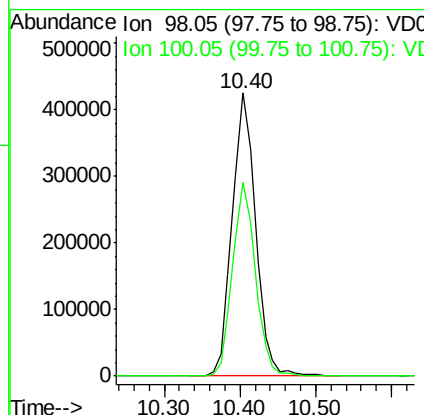
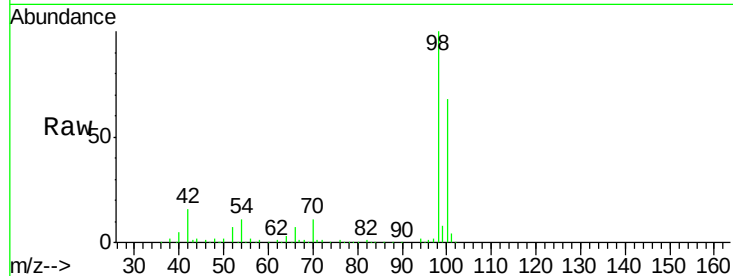




#50
Toluene-d8
Concen: 35.091 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063600.D
Acq: 15 Aug 2019 4:54

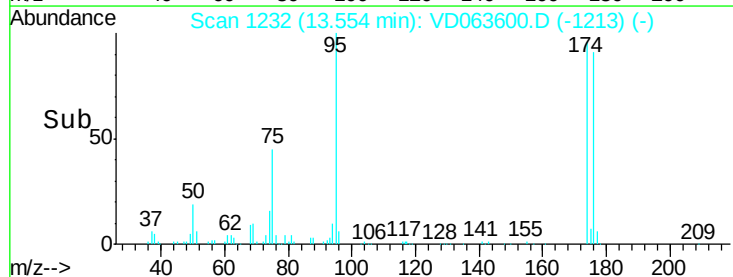
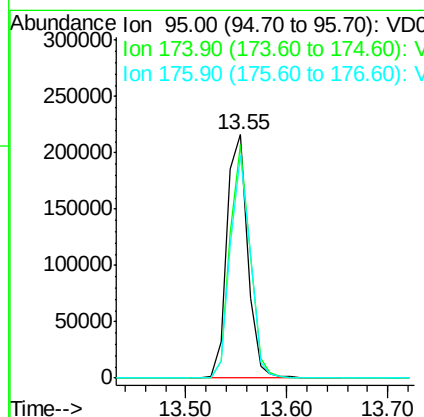
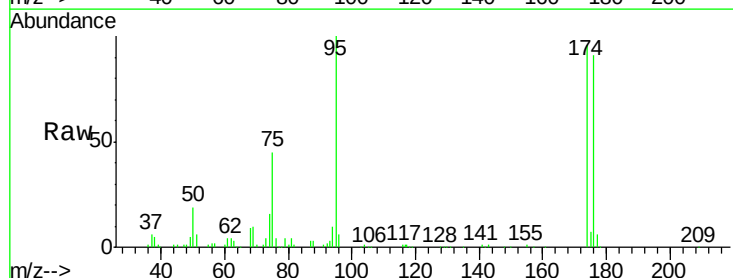
Instrument :
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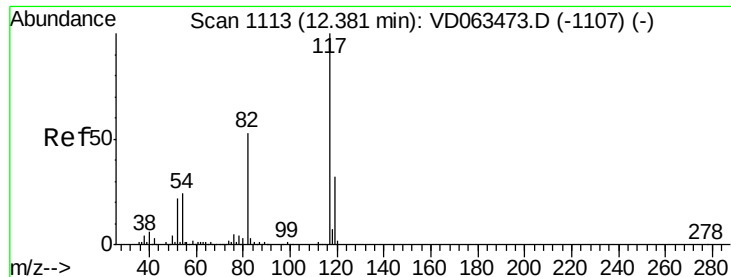
Tot Ion: 98 Resp: 908528
Ion Ratio Lower Upper
98 100
100 68.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 26.330 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063600.D
Acq: 15 Aug 2019 4:54

Tgt Ion: 95 Resp: 308970
Ion Ratio Lower Upper
95 100
174 95.6 0.0 155.4
176 91.4 0.0 152.4

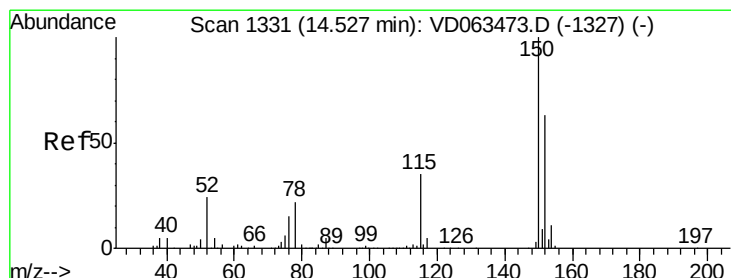
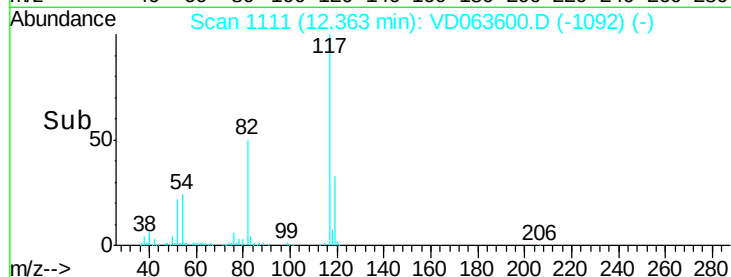
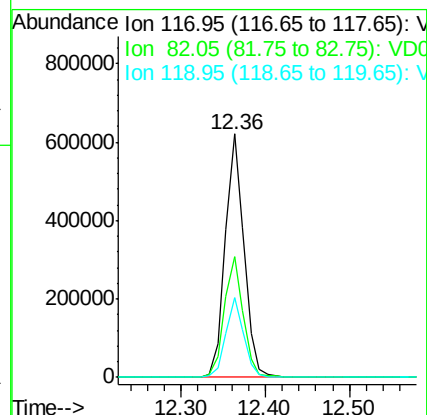
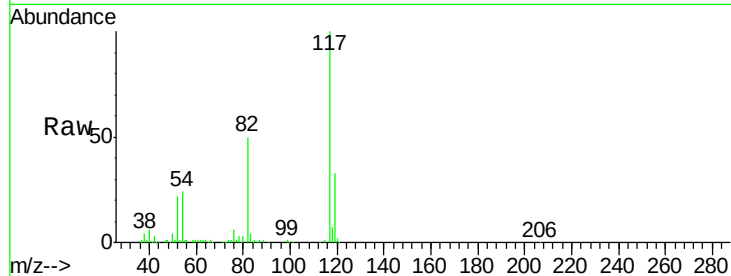




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063600.D
Acq: 15 Aug 2019 4:54

Instrument :
MSVOA_D
ClientSampleId :
T8-A4-(0)

Tot Ion:117 Resp: 958456
Ion Ratio Lower Upper
117 100
82 49.7 42.0 63.0
119 32.7 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: VD063600.D
Acq: 15 Aug 2019 4:54

Tgt Ion:152 Resp: 309483
Ion Ratio Lower Upper
152 100
115 51.8 30.9 92.7
150 155.7 0.0 318.6

