

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063491.D
 Acq On : 12 Aug 2019 16:54
 Operator : JC/SY
 Sample : K4090-07
 Misc : 6.86g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-080919-B

Quant Time: Aug 13 08:28:22 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

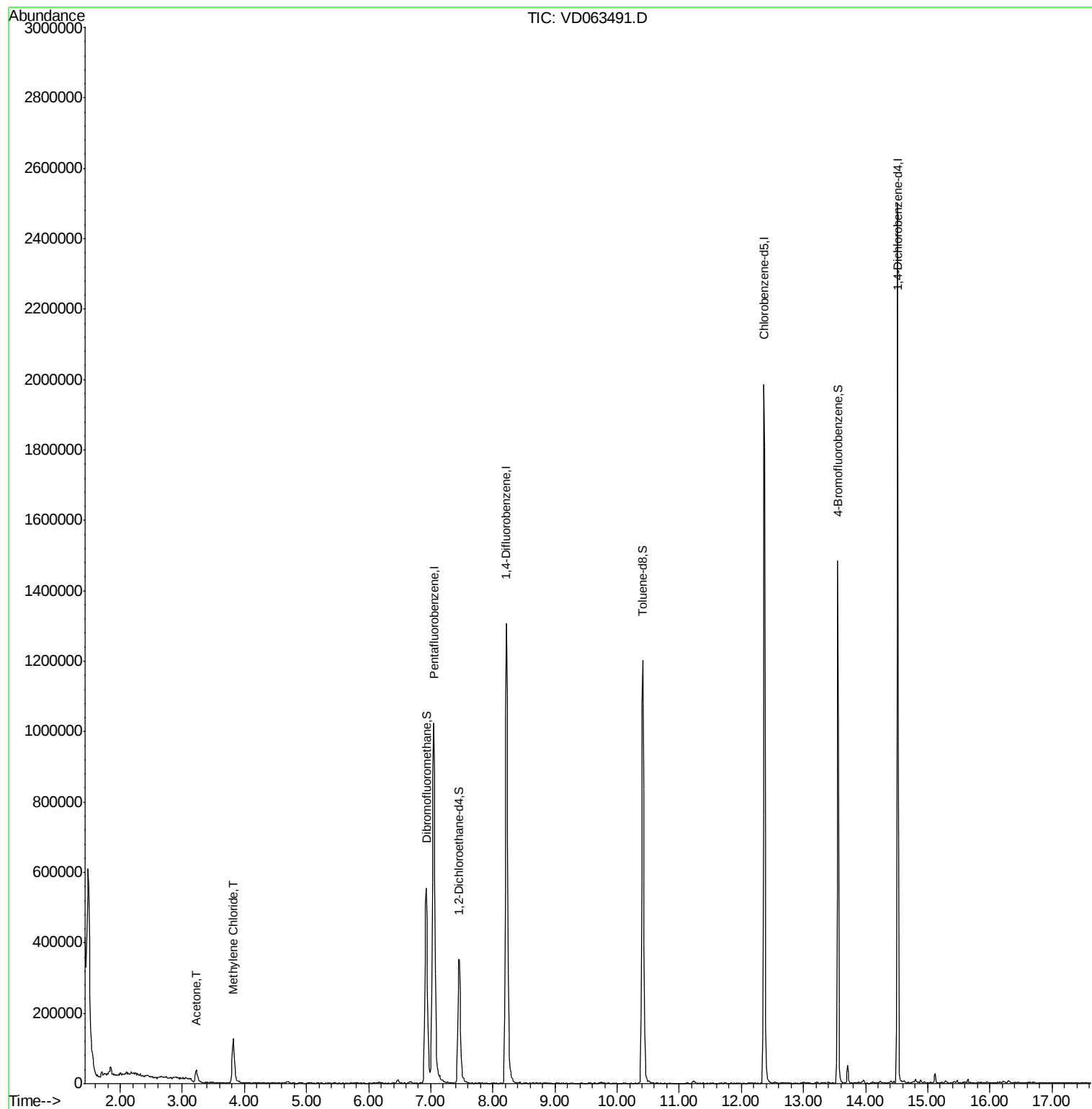
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1002092	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1453651	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1098547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	503377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	433556	40.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.96%	
35) Dibromofluoromethane	6.93	113	495620	40.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.96%	
50) Toluene-d8	10.41	98	991142	36.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.64%	
62) 4-Bromofluorobenzene	13.55	95	396970	32.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.08%	
Target Compounds						
16) Acetone	3.23	43	67216	30.869	ug/l #	87
20) Methylene Chloride	3.83	84	79281	8.420	ug/l	87

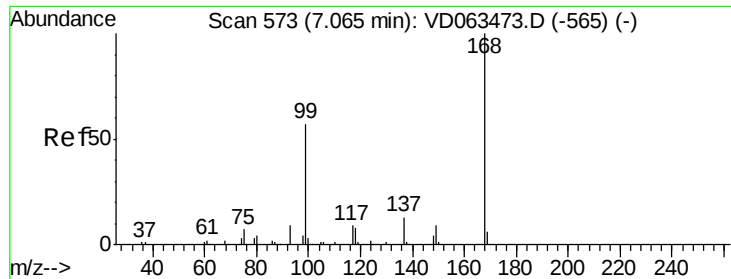
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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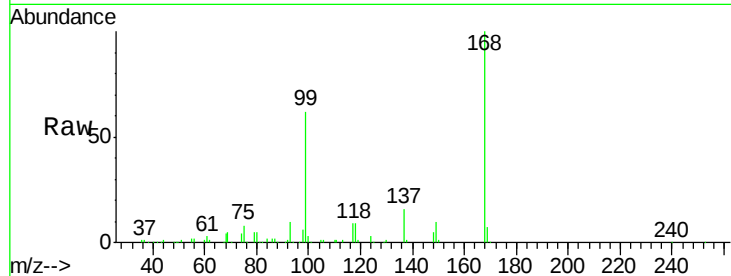


#1

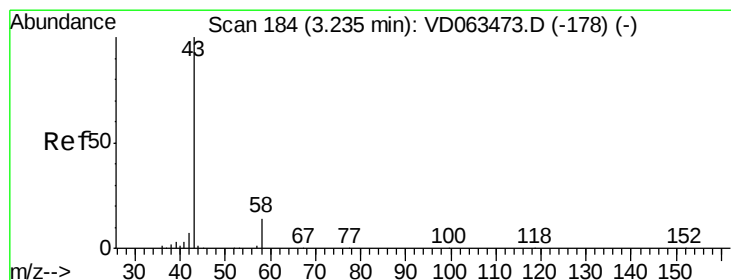
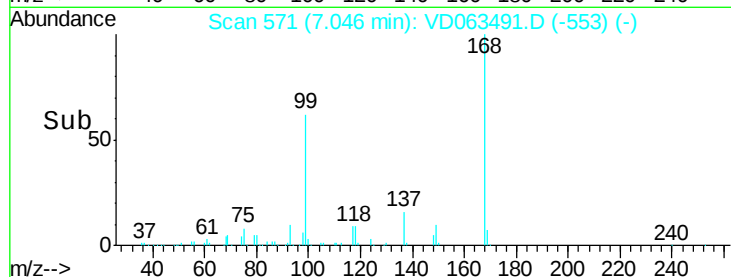
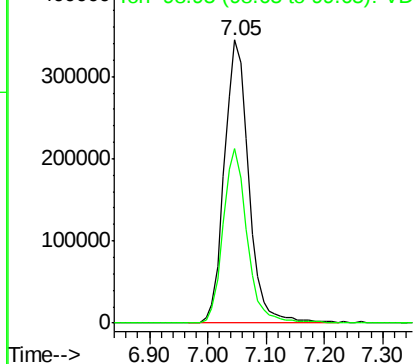
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: VD063491.D
 Acq: 12 Aug 2019 16:54

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-080919-B

Tot Ion:168 Resp: 1002092
 Ion Ratio Lower Upper
 168 100
 99 61.5 46.7 70.1



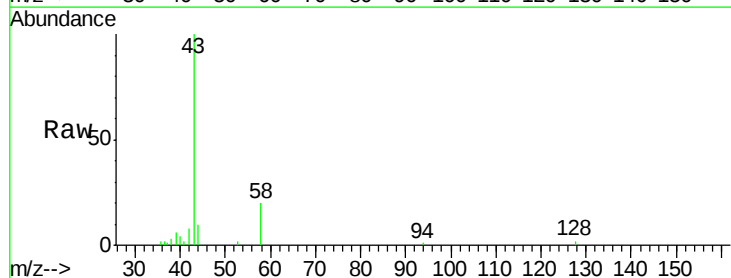
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



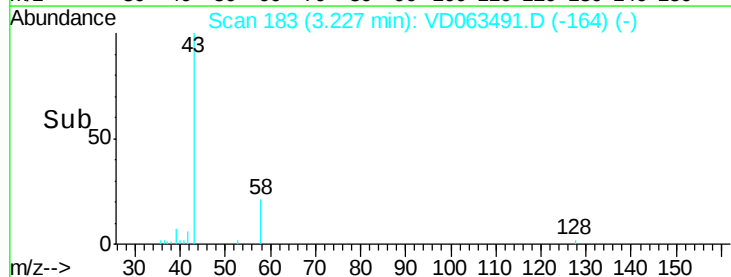
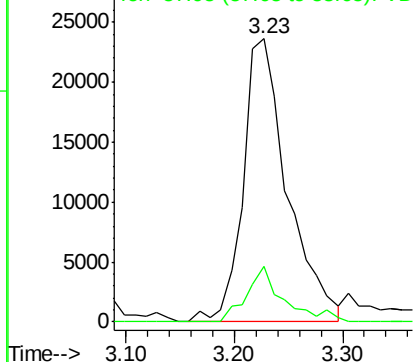
#16

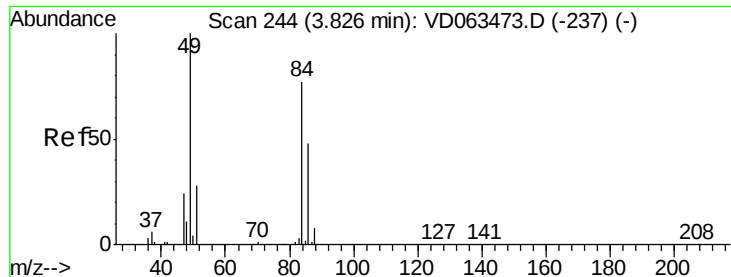
Acetone
 Concen: 30.869 ug/l
 RT: 3.23 min Scan# 183
 Delta R.T. -0.01 min
 Lab File: VD063491.D
 Acq: 12 Aug 2019 16:54

Tgt Ion: 43 Resp: 67216
 Ion Ratio Lower Upper
 43 100
 58 19.6 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

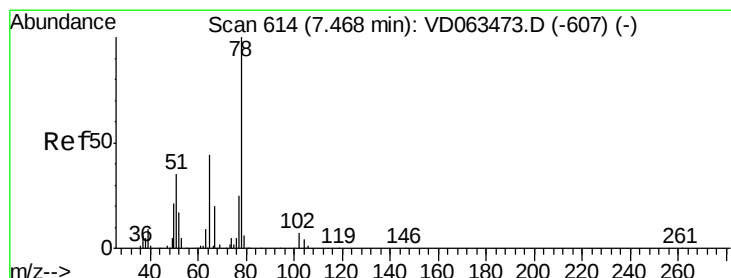
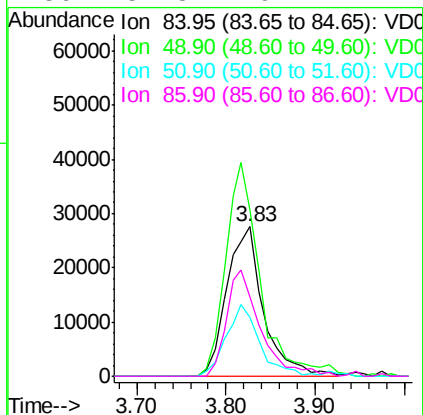
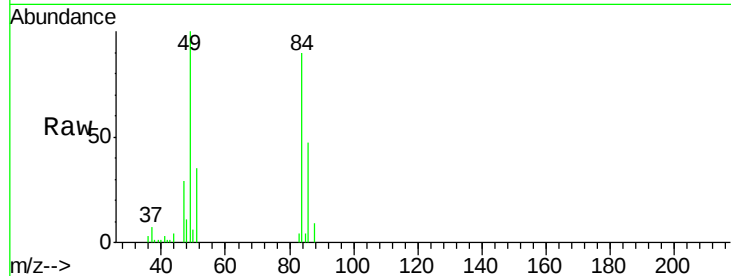




#20
Methvlene Chloride
Concen: 8.420 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD063491.D
Acq: 12 Aug 2019 16:54

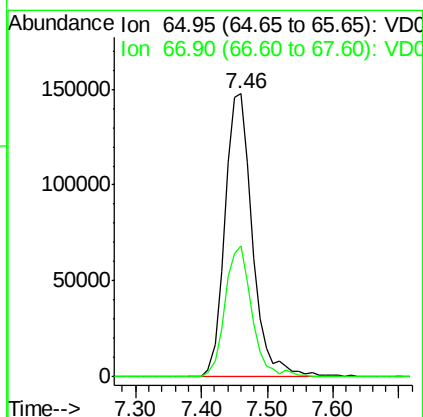
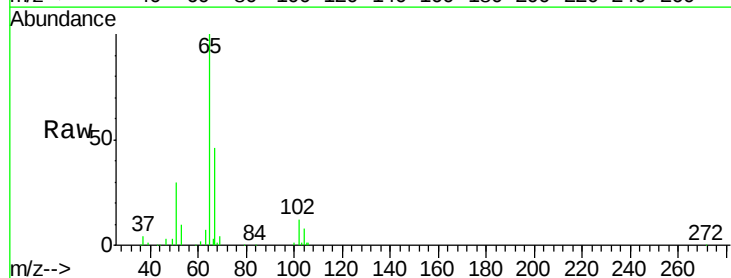
Instrument :
MSVOA_D
ClientSampleId :
OR-03-080919-B

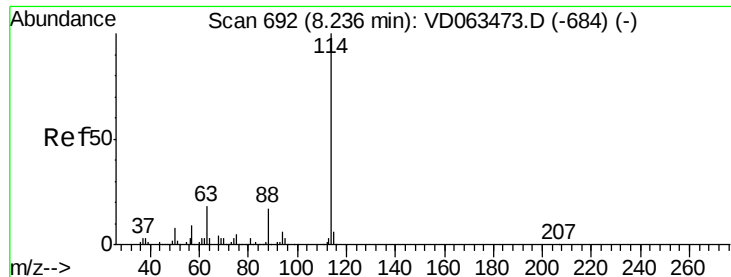
Tot Ion:	84	Resp:	79281
Ion	Ratio	Lower	Upper
84	100		
49	111.6	103.4	155.2
51	39.0	28.5	42.7
86	52.8	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 40.475 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063491.D
Acq: 12 Aug 2019 16:54

Tgt Ion:	65	Resp:	433556
Ion	Ratio	Lower	Upper
65	100		
67	46.1	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063491.D

Acq: 12 Aug 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

OR-03-080919-B

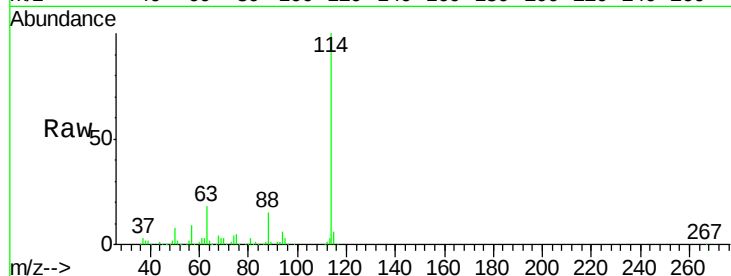
Tot Ion:114 Resp: 1453651

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.2

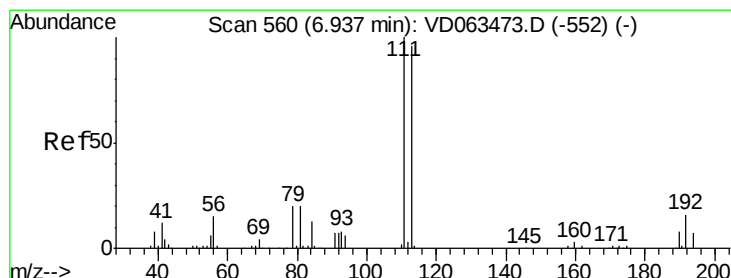
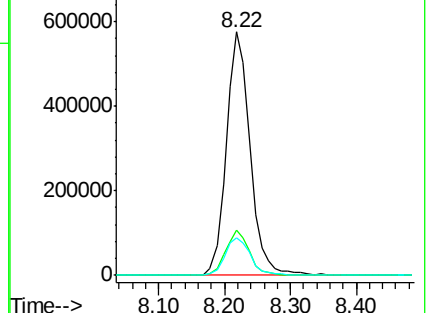
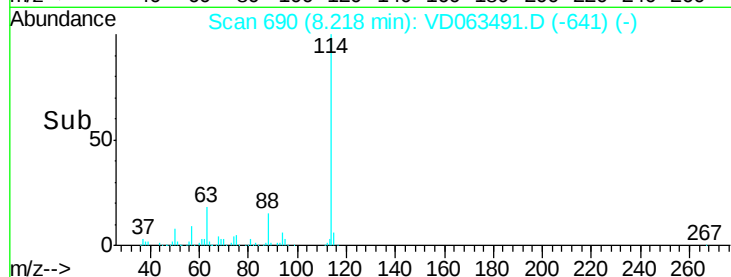
88 15.3 0.0 35.0



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: 40.483 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063491.D

Acq: 12 Aug 2019 16:54

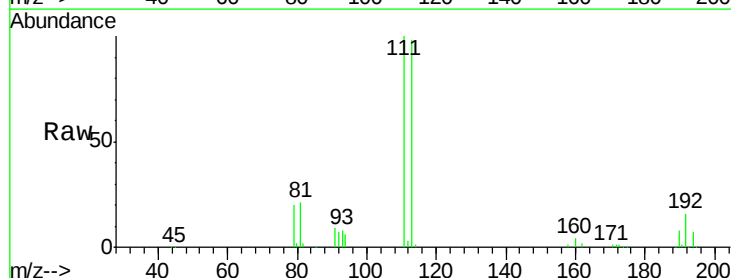
Tgt Ion:113 Resp: 495620

Ion Ratio Lower Upper

113 100

111 101.7 83.1 124.7

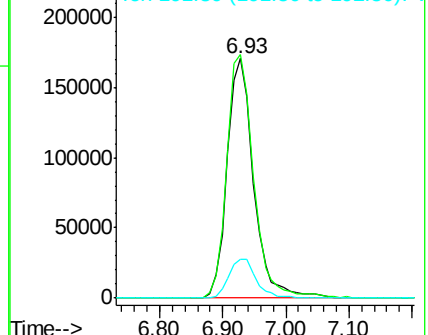
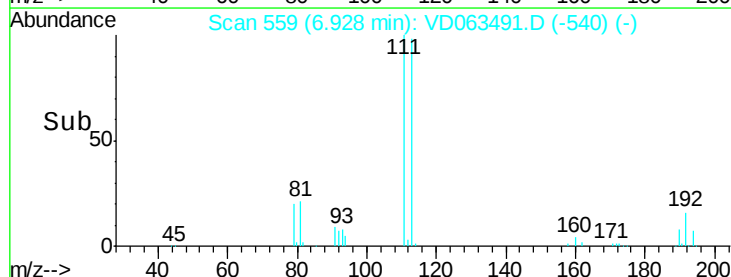
192 16.3 13.1 19.7

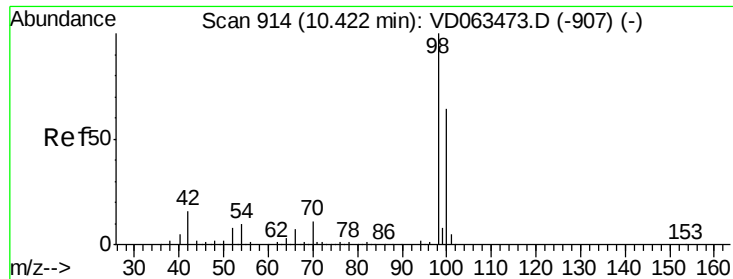


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

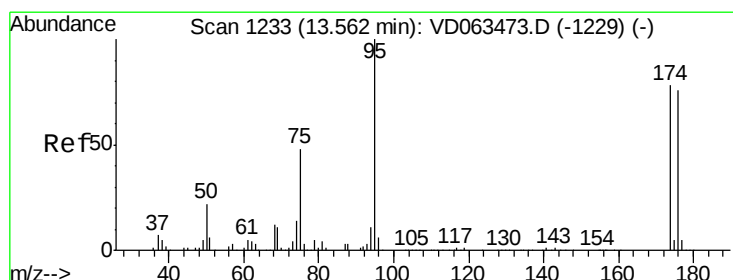
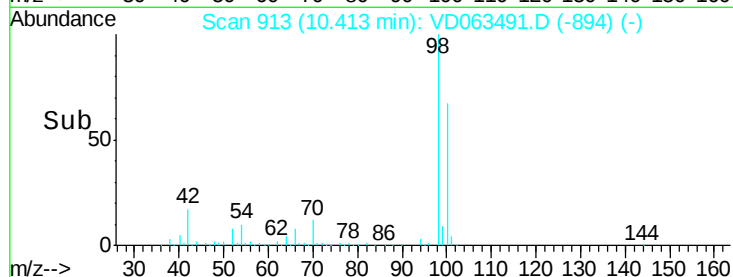
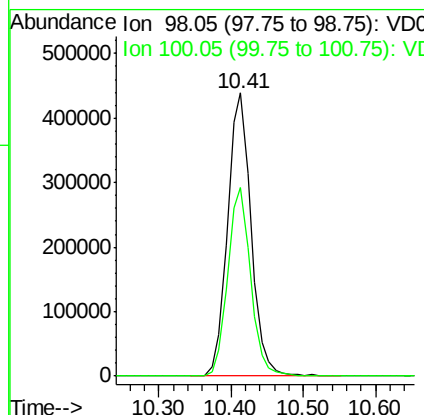
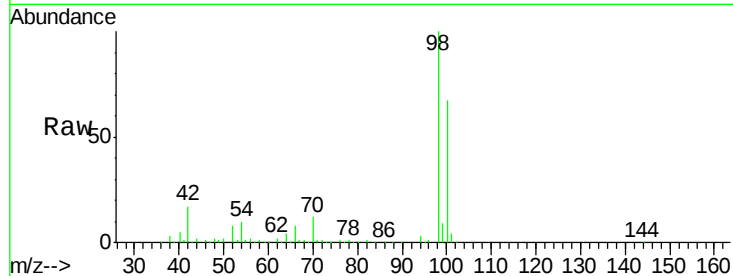




#50
Toluene-d8
Concen: 36.823 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063491.D
Acq: 12 Aug 2019 16:54

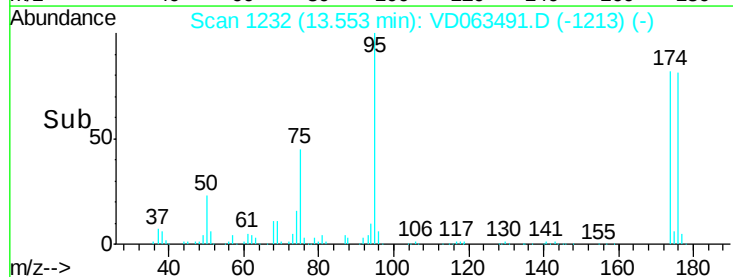
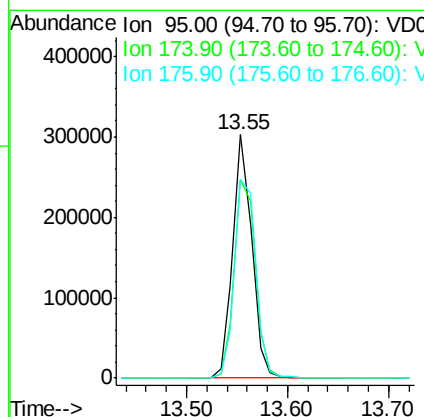
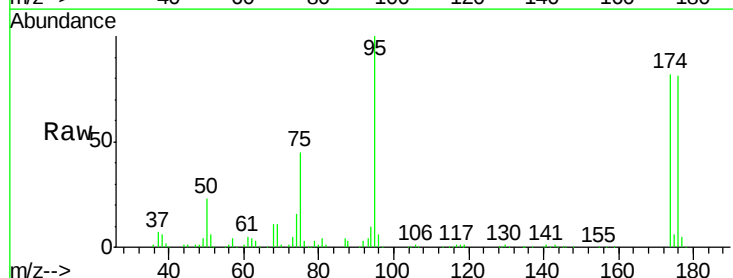
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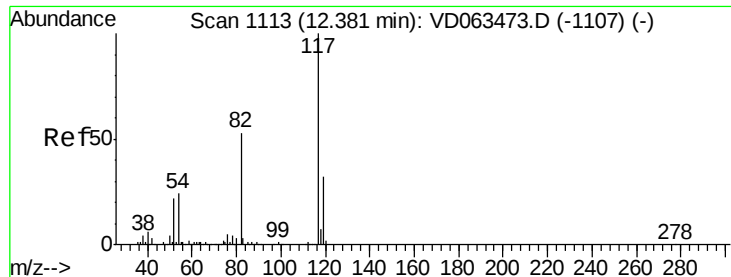
Tot Ion: 98 Resp: 991142
Ion Ratio Lower Upper
98 100
100 66.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 32.540 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063491.D
Acq: 12 Aug 2019 16:54

Tgt Ion: 95 Resp: 396970
Ion Ratio Lower Upper
95 100
174 81.9 0.0 155.4
176 81.4 0.0 152.4

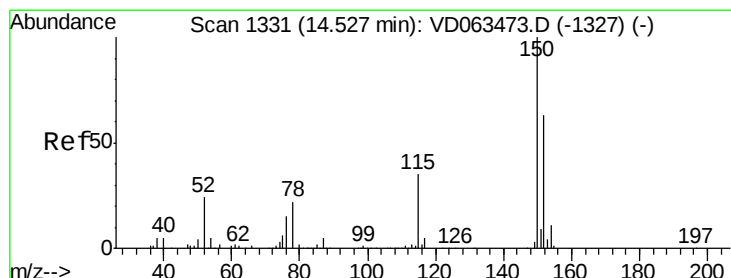
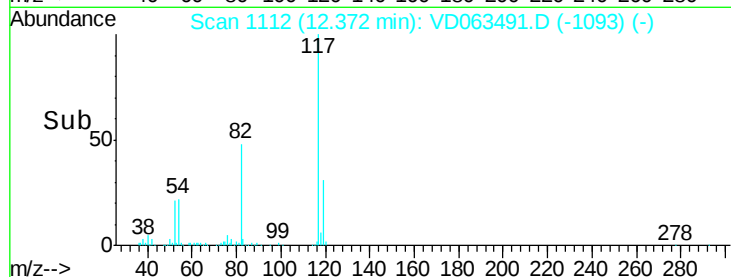
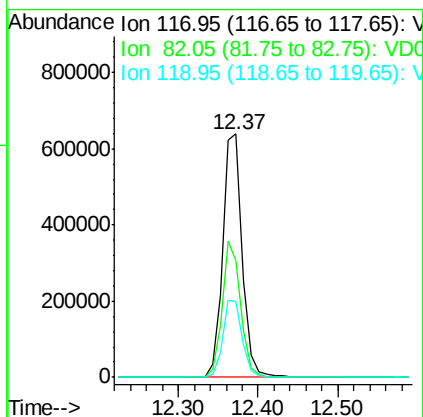
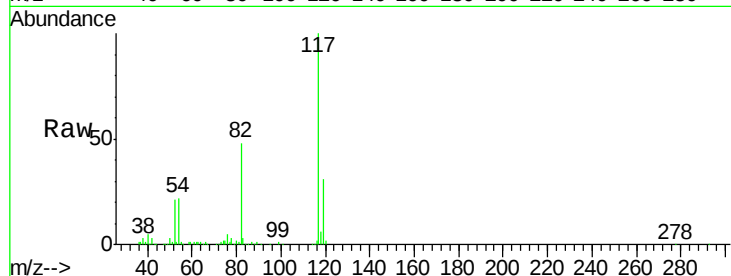




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063491.D
Acq: 12 Aug 2019 16:54

Instrument :
MSVOA_D
ClientSampleId :
OR-03-080919-B

Tot Ion:117 Resp: 1098547
Ion Ratio Lower Upper
117 100
82 47.8 42.0 63.0
119 31.0 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: VD063491.D
Acq: 12 Aug 2019 16:54

Tgt Ion:152 Resp: 503377
Ion Ratio Lower Upper
152 100
115 62.1 30.9 92.7
150 166.1 0.0 318.6

