

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
 Data File : VD063651.D
 Acq On : 19 Aug 2019 12:12
 Operator : JC/SY
 Sample : VD0819SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBL01

Quant Time: Aug 20 08:12:33 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	1058029	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1546740	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1259678	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	642735	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	619311	54.76	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	109.52%	
35) Dibromofluoromethane	6.92	113	652440	50.08	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	100.16%	
50) Toluene-d8	10.40	98	1349656	47.13	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	13.55	95	640029	49.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.62%	

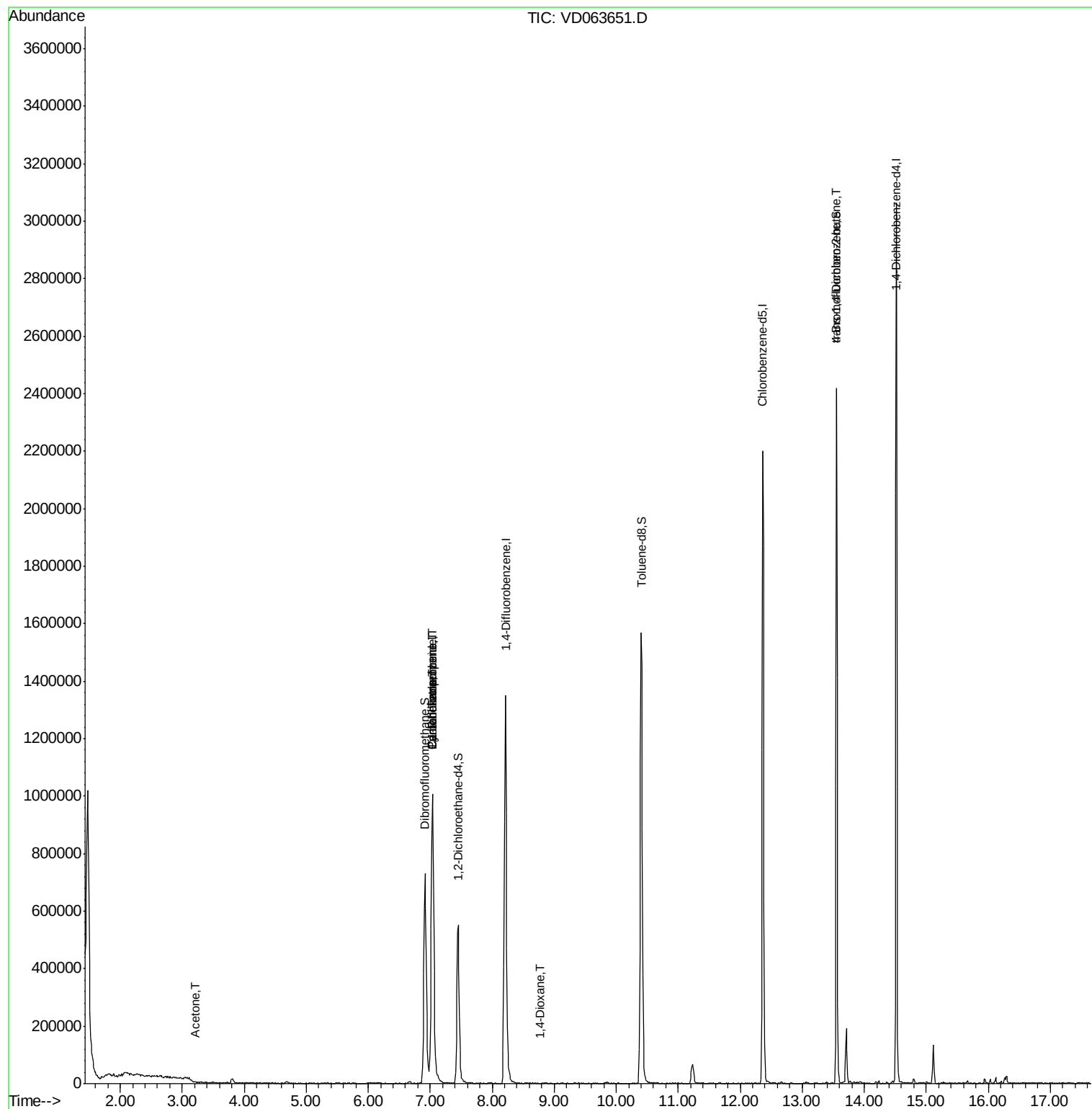
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	4252	1.849	ug/l #	17
31) Cyclohexane	7.04	56	23515	2.303	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	77632	5.678	ug/l #	48
38) Carbon Tetrachloride	7.04	117	96193	4.668	ug/l #	16
49) 1,4-Dioxane	8.78	88	235	29.672	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.55	75	290655	146.603	ug/l #	1

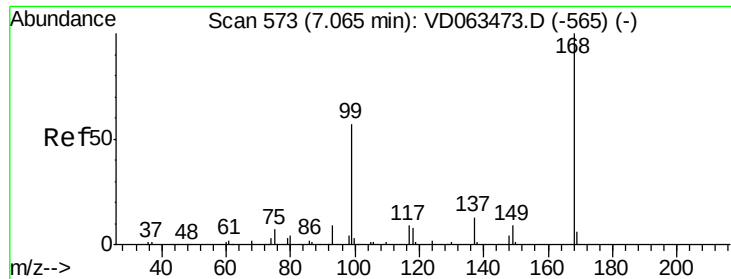
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
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Quant Title : SW846 8260
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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: VD063651.D

Acq: 19 Aug 2019 12:12

Instrument :

MSVOA_D

ClientSampleId :

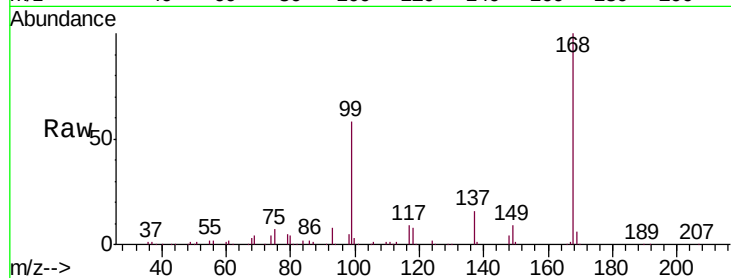
VD0819SBL01

Tgt Ion:168 Resp: 1058029

Ion Ratio Lower Upper

168 100

99 58.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

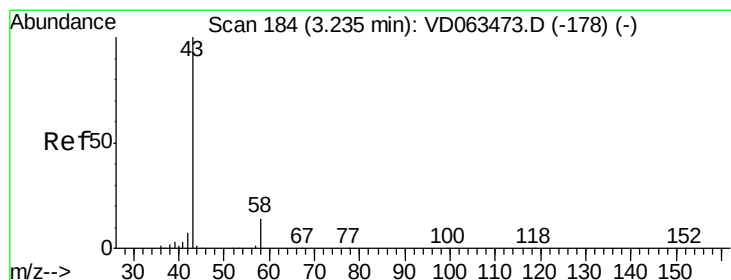
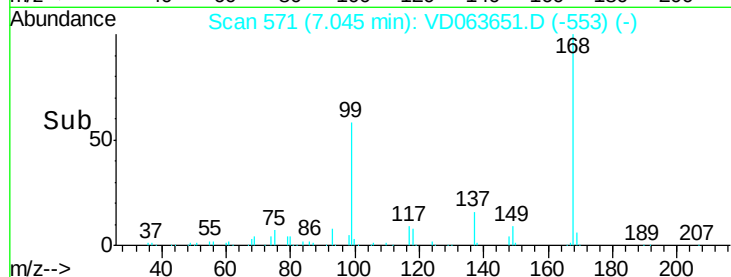
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.849 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063651.D

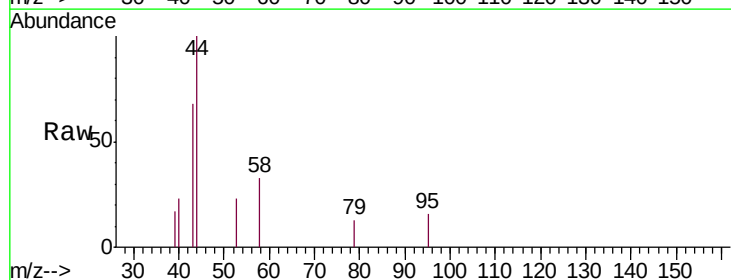
Acq: 19 Aug 2019 12:12

Tgt Ion: 43 Resp: 4252

Ion Ratio Lower Upper

43 100

58 48.1 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

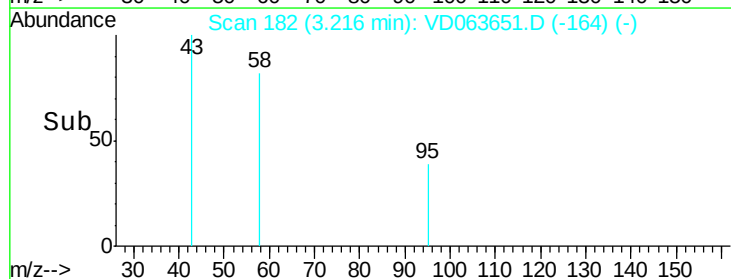
1500

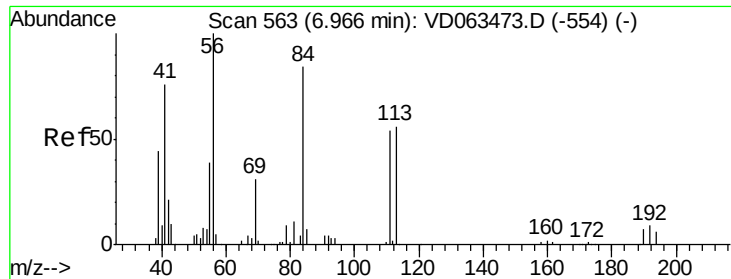
1000

500

0

Time-->

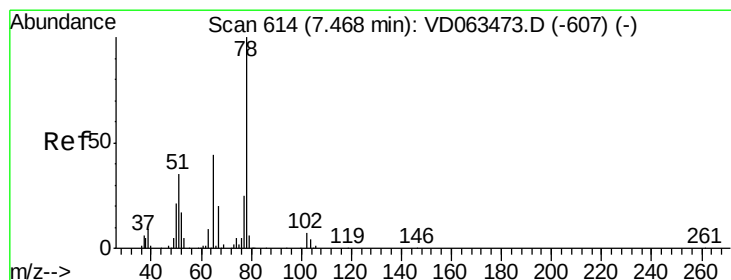
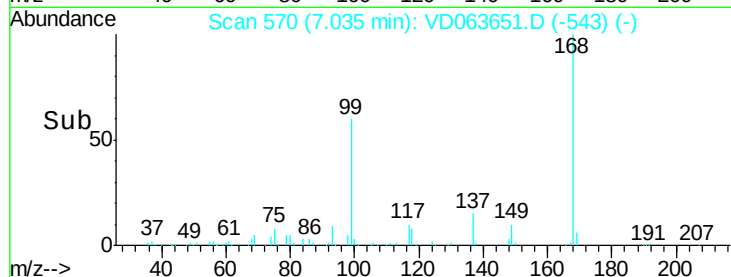
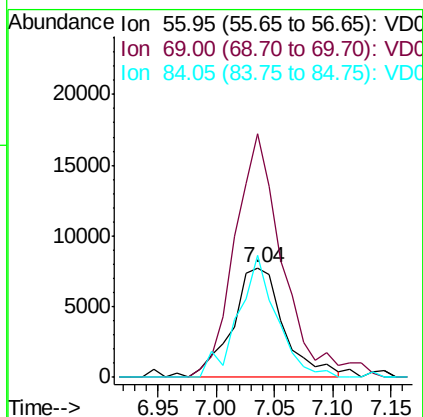
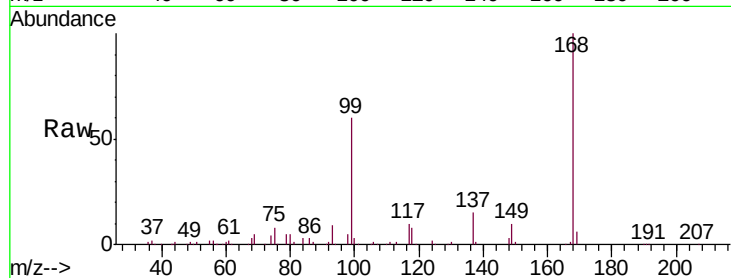




#31
Cyclohexane
Concen: 2.303 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD063651.D
Acq: 19 Aug 2019 12:12

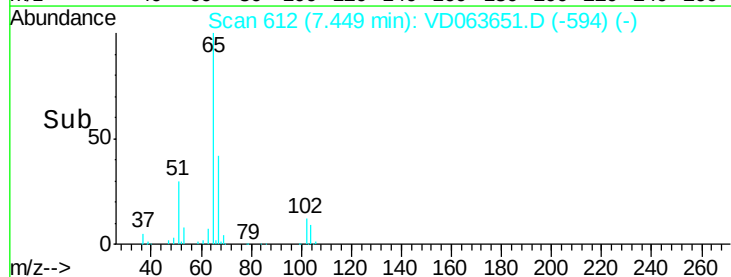
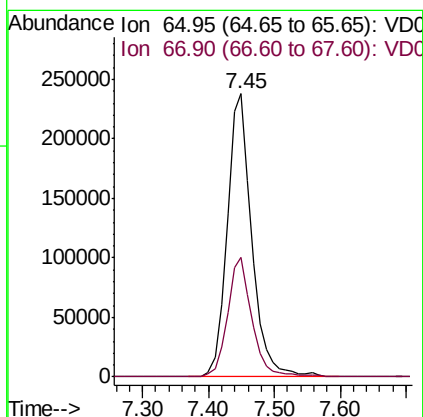
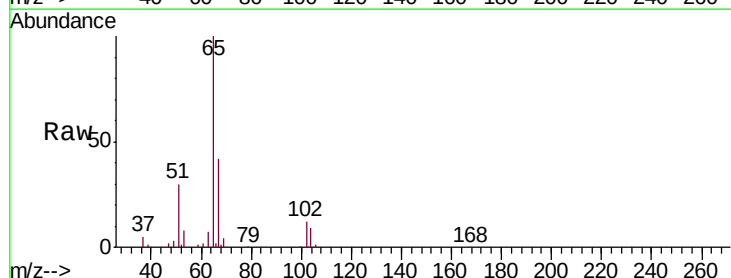
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

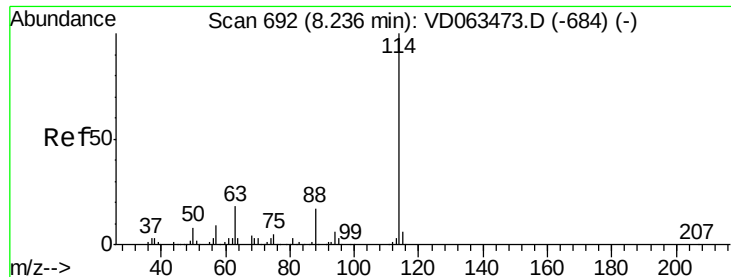
Tgt Ion: 56 Resp: 23515
Ion Ratio Lower Upper
56 100
69 222.3 25.0 37.6#
84 111.8 69.7 104.5#



#33
1,2-Dichloroethane-d4
Concen: 54.760 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063651.D
Acq: 19 Aug 2019 12:12

Tgt Ion: 65 Resp: 619311
Ion Ratio Lower Upper
65 100
67 42.0 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: VD063651.D

Acq: 19 Aug 2019 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBL01

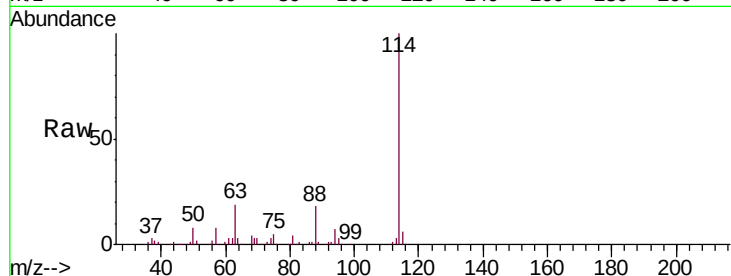
Tgt Ion:114 Resp: 1546740

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.2

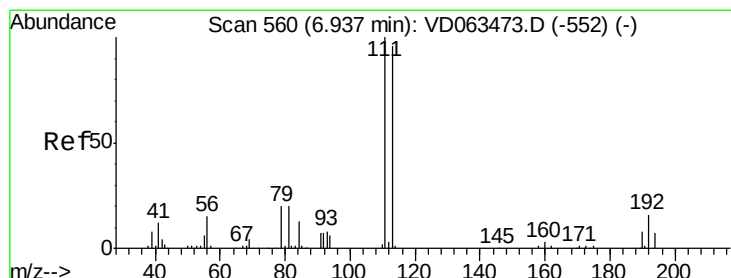
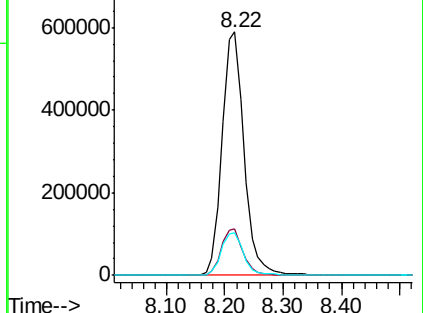
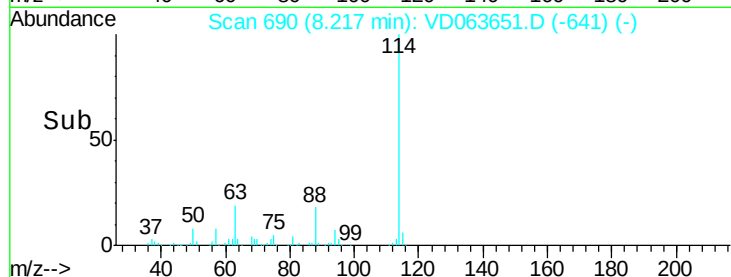
88 17.7 0.0 35.0



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: 50.085 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063651.D

Acq: 19 Aug 2019 12:12

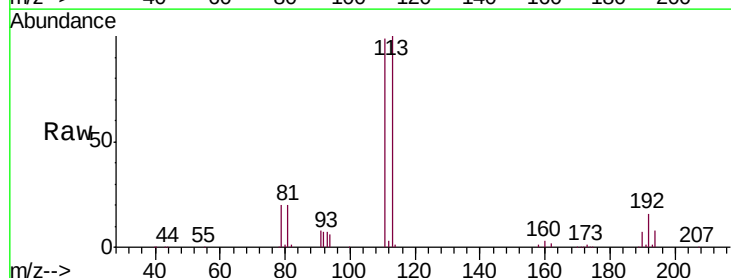
Tgt Ion:113 Resp: 652440

Ion Ratio Lower Upper

113 100

111 98.8 83.1 124.7

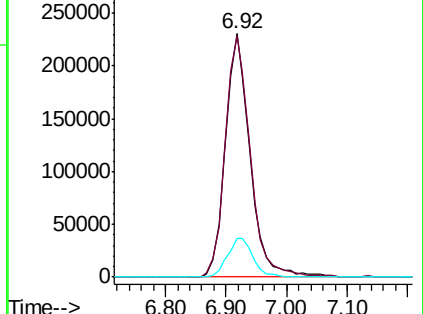
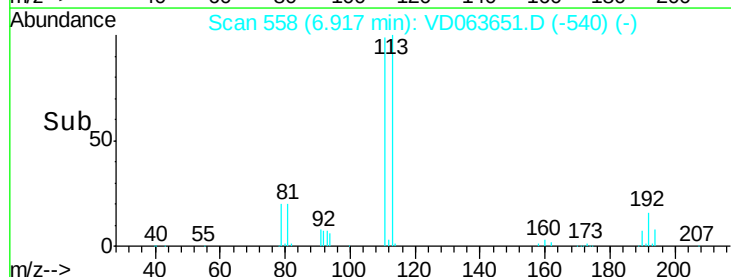
192 15.8 13.1 19.7

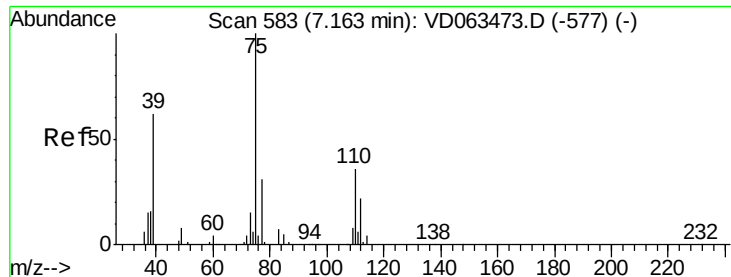


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

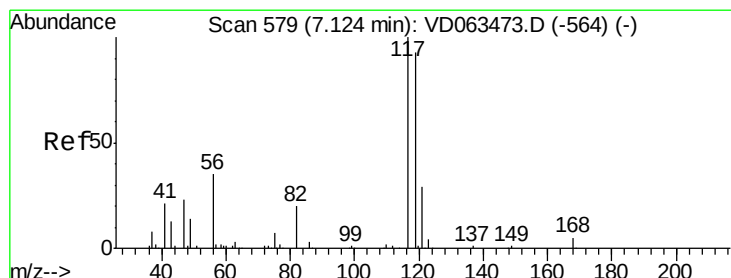
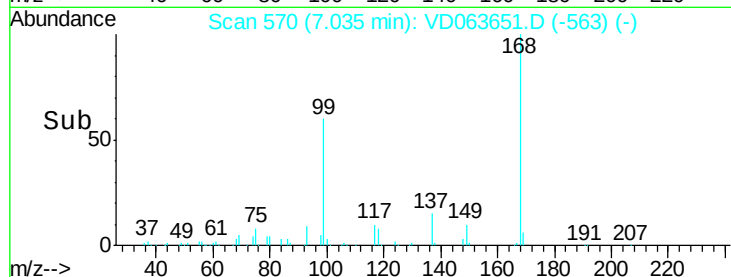
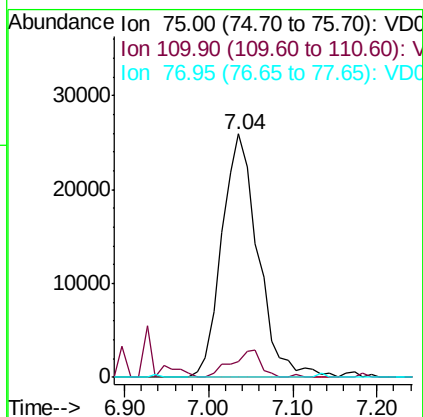
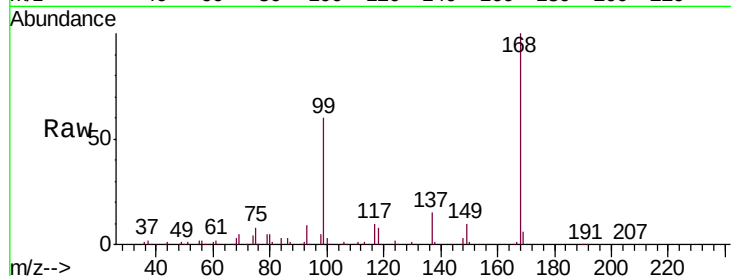




#36
 1,1-Dichloropropene
 Concen: 5.678 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.13 min
 Lab File: VD063651.D
 Acq: 19 Aug 2019 12:12

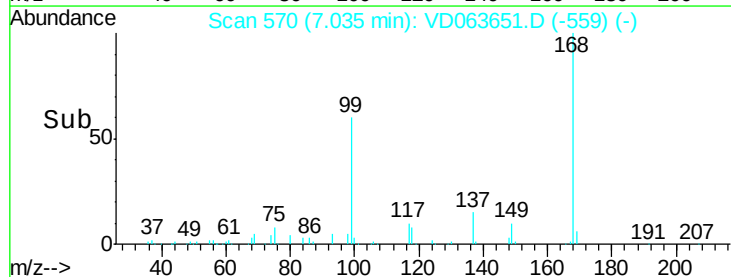
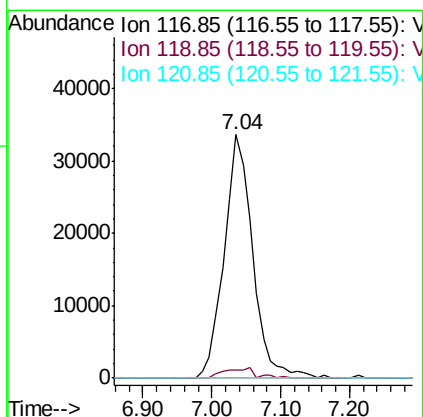
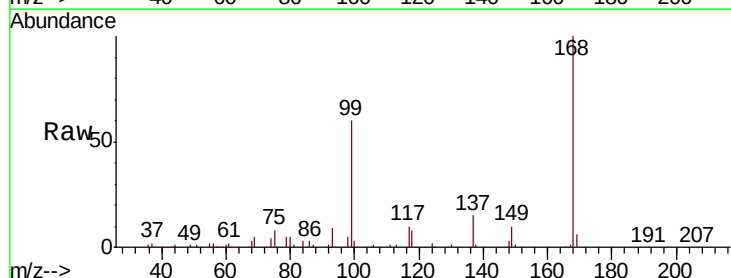
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBL01

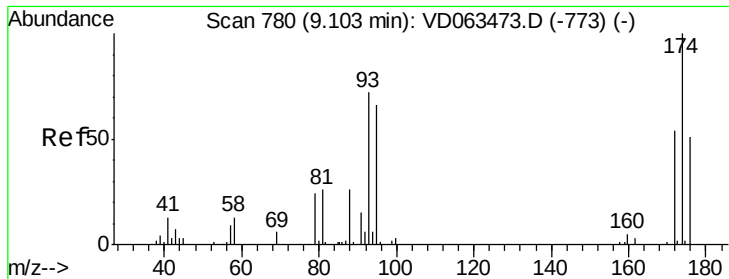
Tgt Ion: 75 Resp: 77632
 Ion Ratio Lower Upper
 75 100
 110 6.5 17.6 52.8#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 4.668 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.09 min
 Lab File: VD063651.D
 Acq: 19 Aug 2019 12:12

Tgt Ion: 117 Resp: 96193
 Ion Ratio Lower Upper
 117 100
 119 3.5 74.2 111.2#
 121 0.0 23.1 34.7#

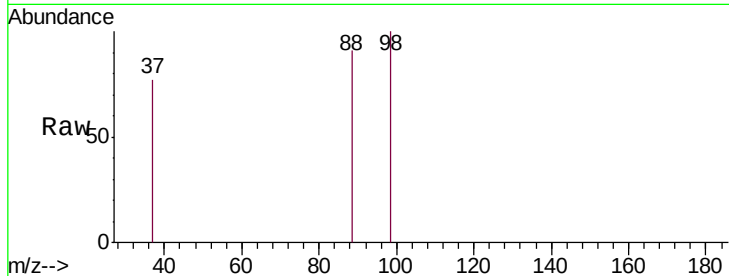




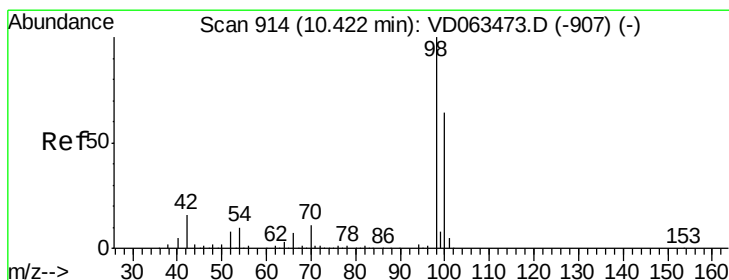
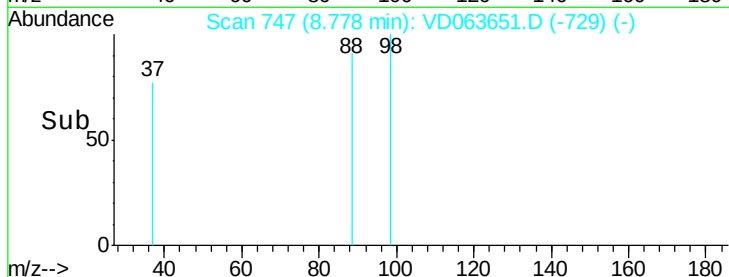
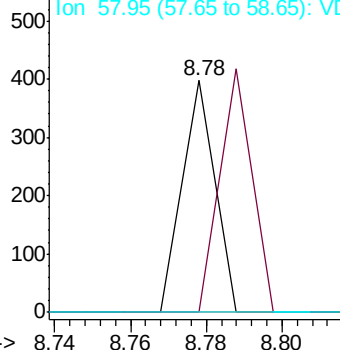
#49
 1,4-Dioxane
 Concen: 29.672 ug/l
 RT: 8.78 min Scan# 747
 Delta R.T. -0.32 min
 Lab File: VD063651.D
 Acq: 19 Aug 2019 12:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBL01

Tgt Ion: 88 Resp: 235
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.9 34.3#
 58 0.0 40.1 60.1#

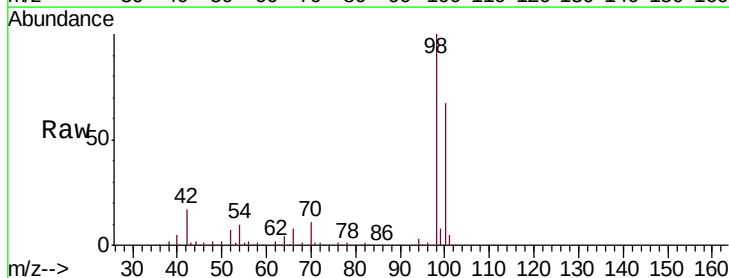


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

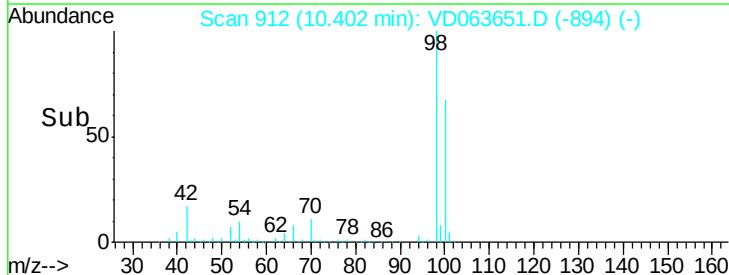
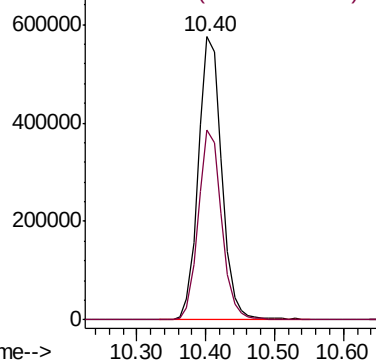


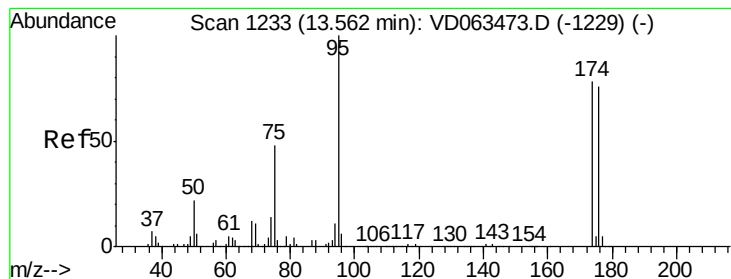
#50
 Toluene-d8
 Concen: 47.125 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD063651.D
 Acq: 19 Aug 2019 12:12

Tgt Ion: 98 Resp: 1349656
 Ion Ratio Lower Upper
 98 100
 100 67.3 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 49.306 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063651.D

Acq: 19 Aug 2019 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBL01

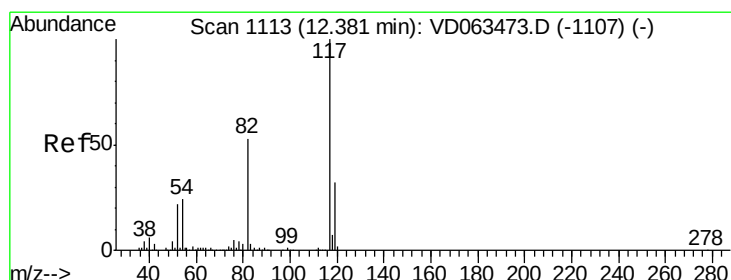
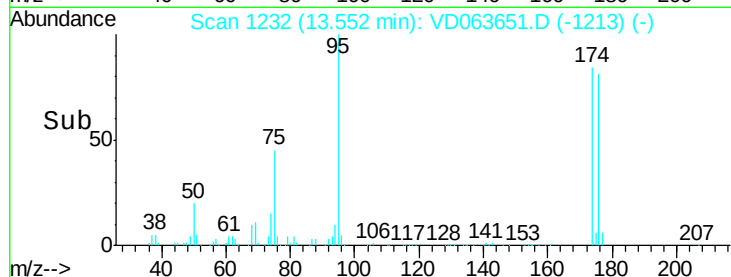
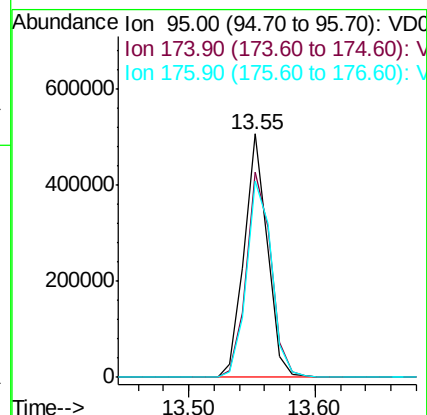
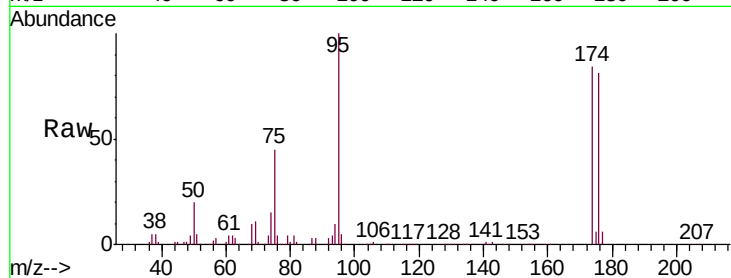
Tgt Ion: 95 Resp: 640029

Ion Ratio Lower Upper

95 100

174 84.3 0.0 155.4

176 80.5 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: VD063651.D

Acq: 19 Aug 2019 12:12

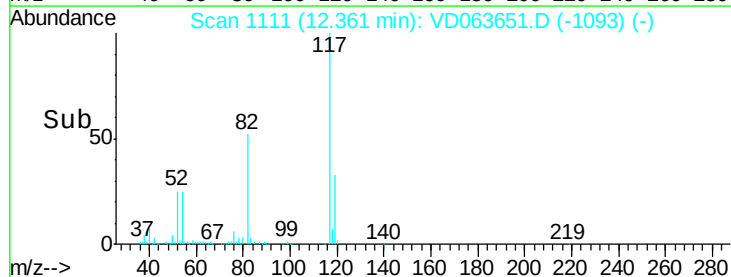
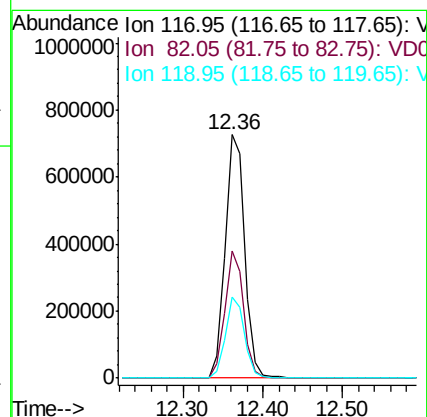
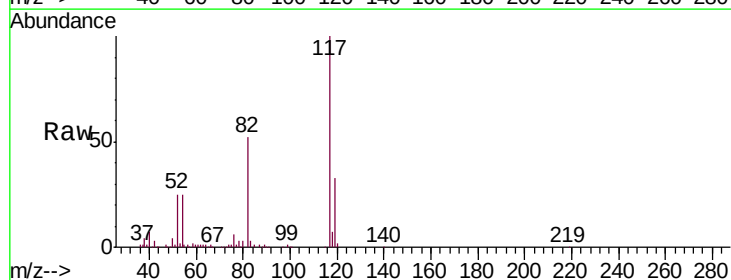
Tgt Ion: 117 Resp: 1259678

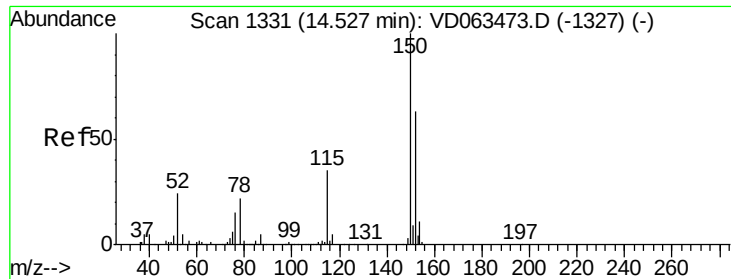
Ion Ratio Lower Upper

117 100

82 52.3 42.0 63.0

119 33.1 25.4 38.0

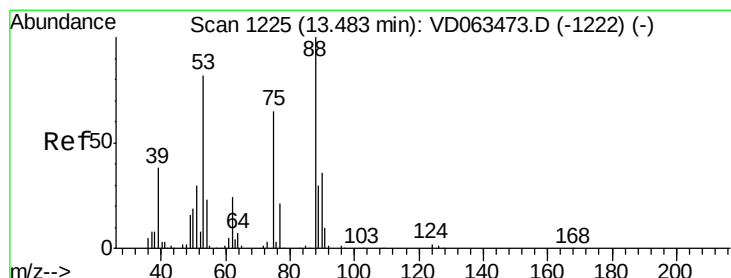
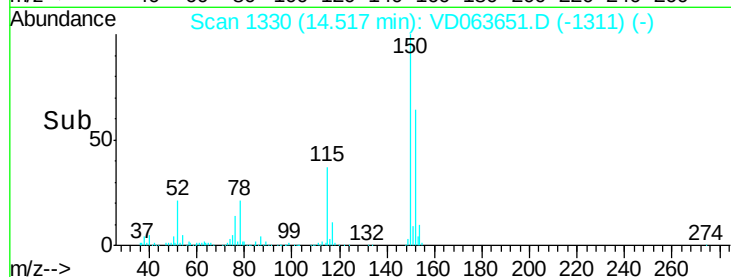
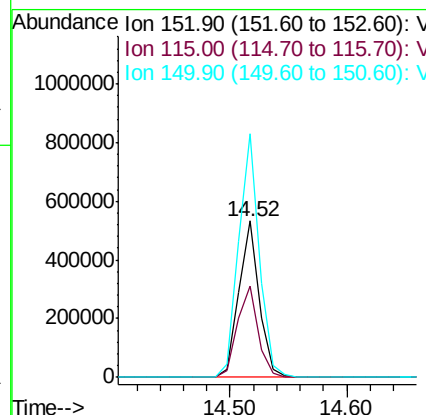
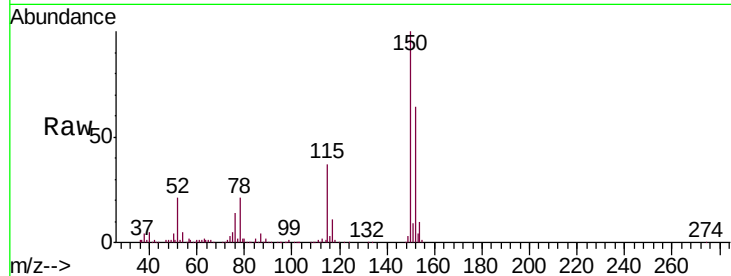




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD063651.D
 Acq: 19 Aug 2019 12:12

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0819SBL01

Tgt Ion: 152 Resp: 642735
 Ion Ratio Lower Upper
 152 100
 115 58.5 30.9 92.7
 150 156.0 0.0 318.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.603 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.07 min
 Lab File: VD063651.D
 Acq: 19 Aug 2019 12:12

Tgt Ion: 75 Resp: 290655
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.0 151.4#
 89 0.0 37.0 55.6#

