

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
 Data File : VD063720.D
 Acq On : 21 Aug 2019 18:32
 Operator : JC/SY
 Sample : K4404-04
 Misc : 5.56g/5ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-L-(2.5)

Quant Time: Aug 22 01:28:15 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

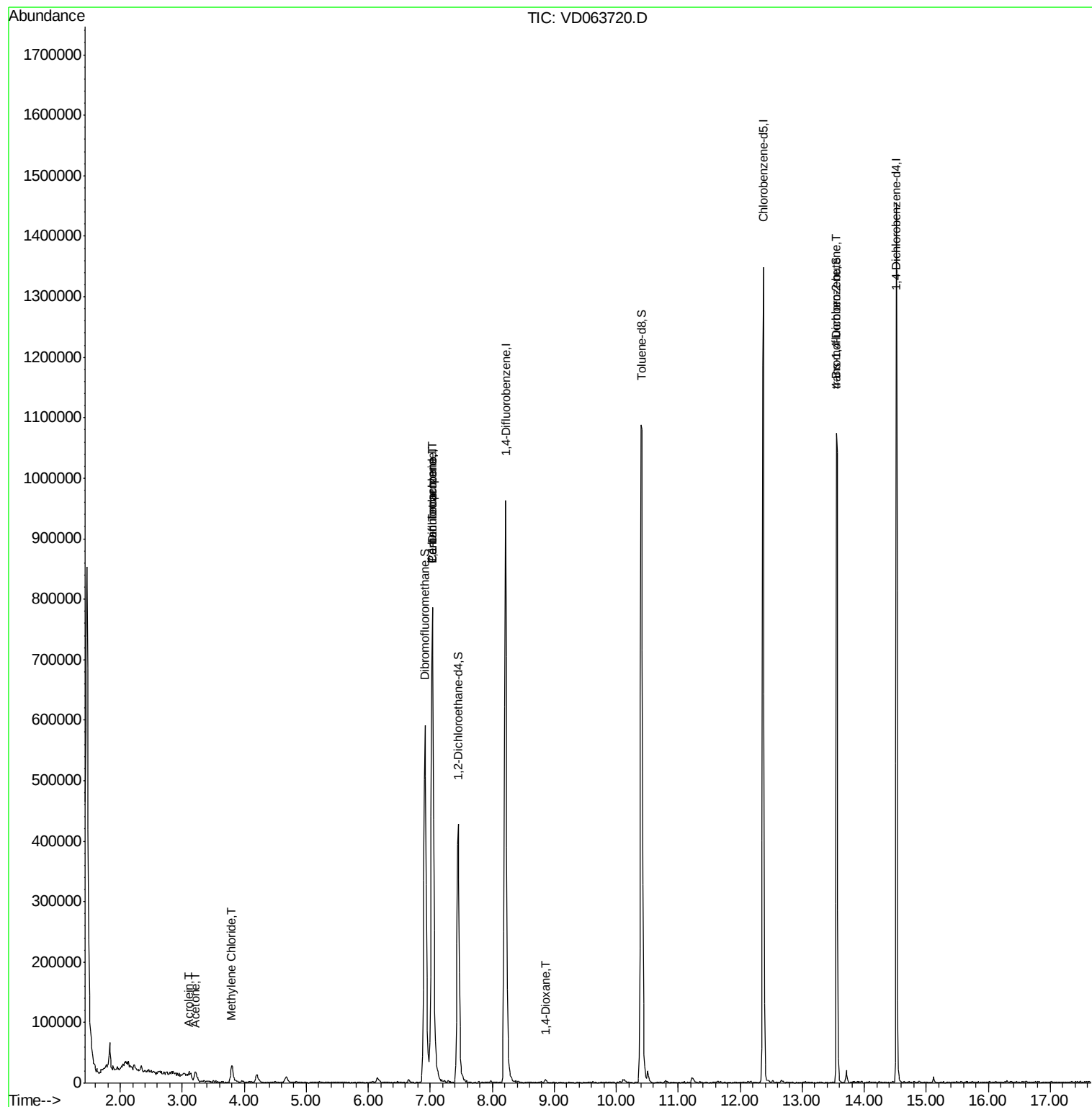
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	771102	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1102099	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	735459	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	292637	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	473127	57.40	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.80%	
35) Dibromofluoromethane	6.92	113	515944	55.59	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.18%	
50) Toluene-d8	10.40	98	924349	45.30	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.60%	
62) 4-Bromofluorobenzene	13.55	95	322036	34.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	69.64%	
Target Compounds						
					Qvalue	
13) Acrolein	3.10	56	638	1.806	ug/l #	18
16) Acetone	3.21	43	31114	18.570	ug/l	99
20) Methylene Chloride	3.81	84	18254	2.519	ug/l	87
36) 1,1-Dichloropropene	7.03	75	53962	5.539	ug/l #	51
38) Carbon Tetrachloride	7.03	117	74494	5.073	ug/l #	17
49) 1,4-Dioxane	8.86	88	195	30.483	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.55	75	150355	166.566	ug/l #	1

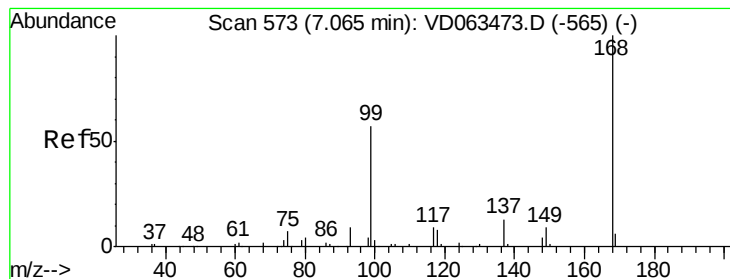
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
Data File : VD063720.D
Acq On : 21 Aug 2019 18:32
Operator : JC/SY
Sample : K4404-04
Misc : 5.56g/5ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T1-L-(2.5)

Quant Time: Aug 22 01:28:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
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: 7.03 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063720.D

Acq: 21 Aug 2019 18:32

Instrument :

MSVOA_D

ClientSampleId :

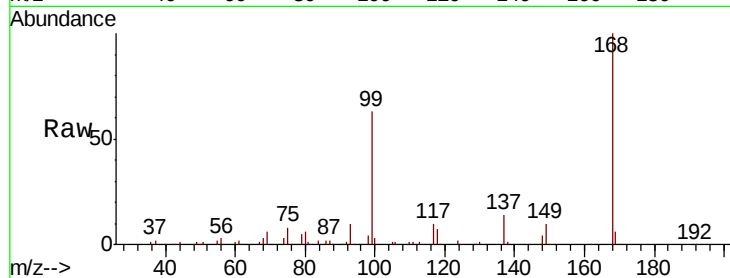
T1-L-(2.5)

Tgt Ion:168 Resp: 771102

Ion Ratio Lower Upper

168 100

99 62.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

300000

250000

200000

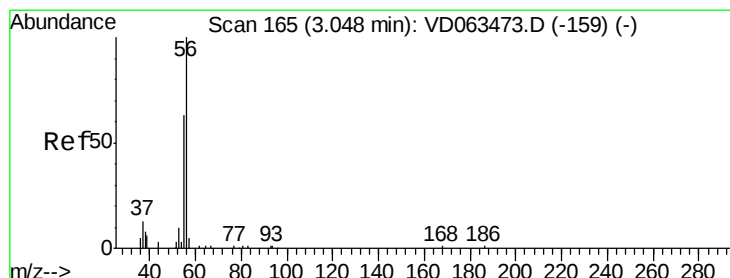
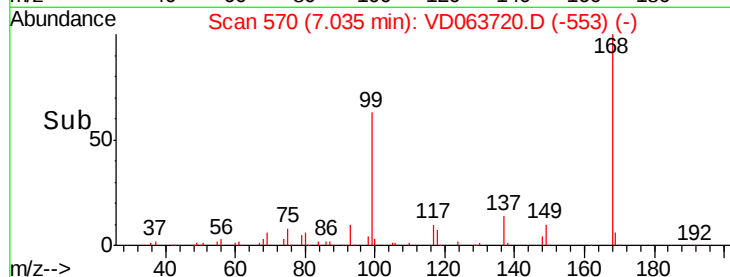
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 1.806 ug/l

RT: 3.10 min Scan# 170

Delta R.T. 0.05 min

Lab File: VD063720.D

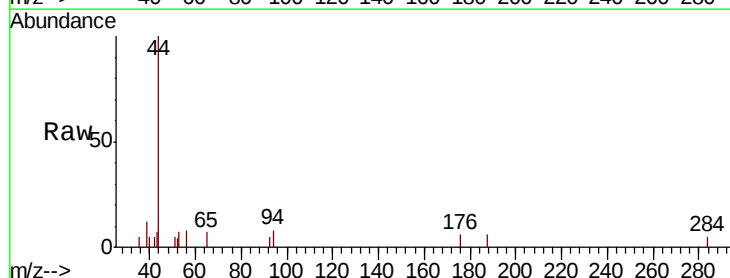
Acq: 21 Aug 2019 18:32

Tgt Ion: 56 Resp: 638

Ion Ratio Lower Upper

56 100

55 0.0 51.3 76.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.10

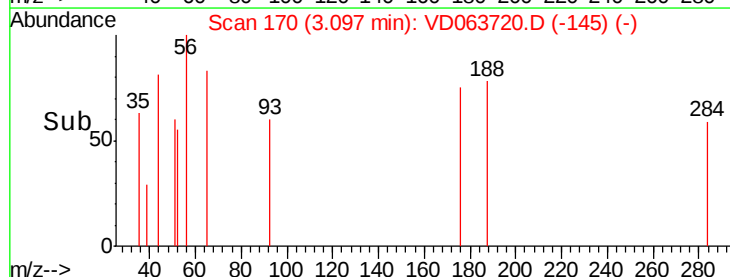
600

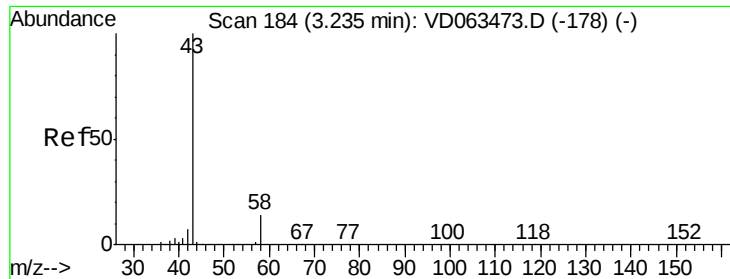
400

200

0

Time-->





#16

Acetone

Concen: 18.570 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063720.D

Acq: 21 Aug 2019 18:32

Instrument :

MSVOA_D

ClientSampleId :

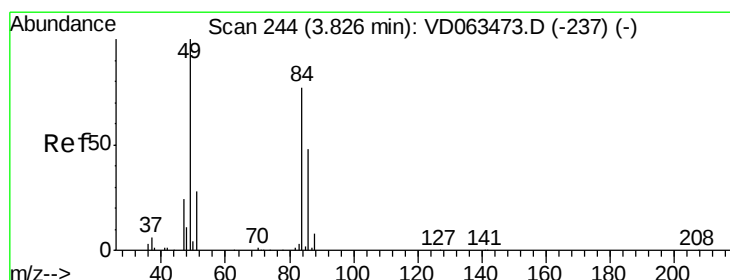
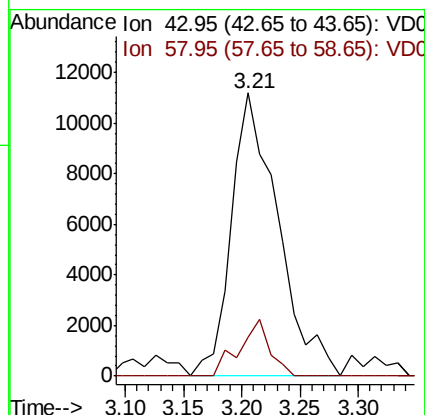
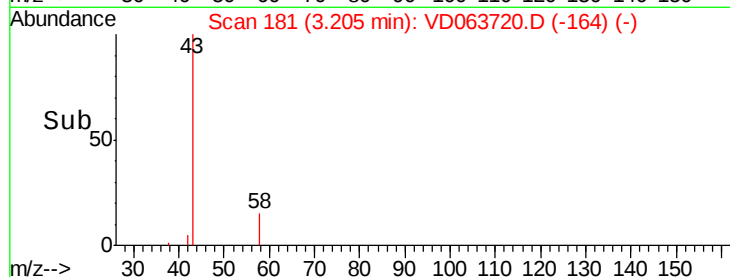
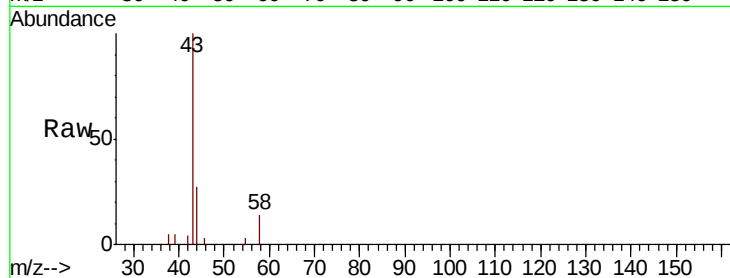
T1-L-(2.5)

Tgt Ion: 43 Resp: 31114

Ion Ratio Lower Upper

43 100

58 13.9 11.4 17.2



#20

Methylene Chloride

Concen: 2.519 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063720.D

Acq: 21 Aug 2019 18:32

Tgt Ion: 84 Resp: 18254

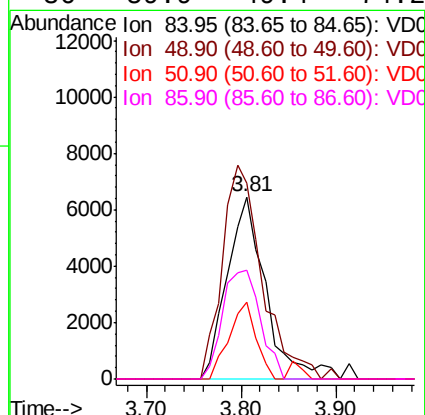
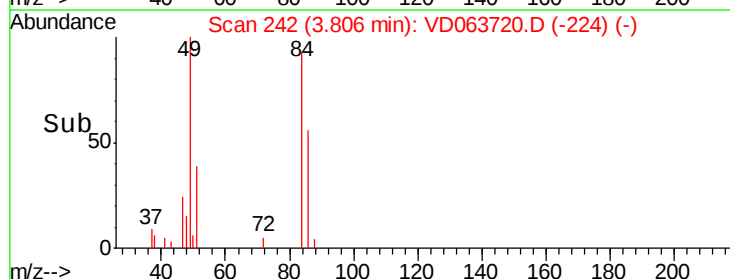
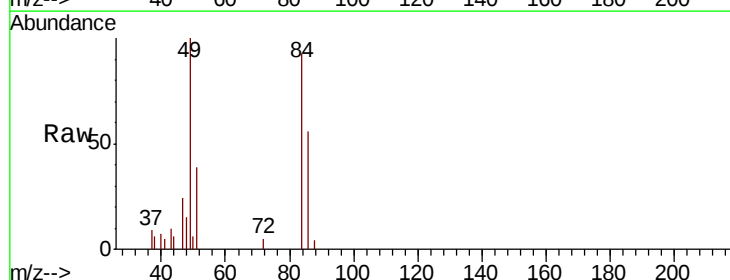
Ion Ratio Lower Upper

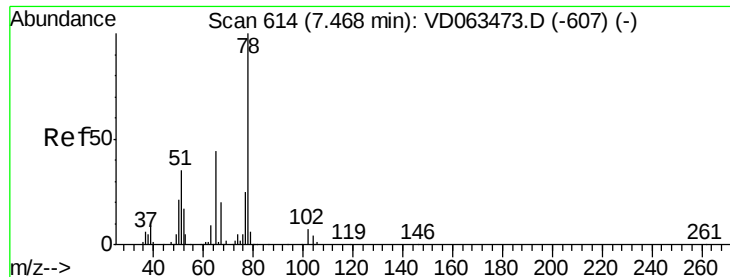
84 100

49 107.5 103.4 155.2

51 41.9 28.5 42.7

86 59.9 49.4 74.2

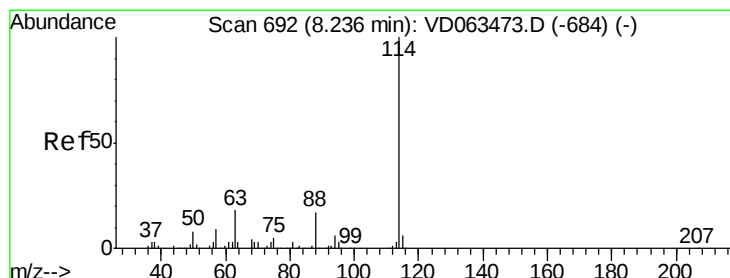
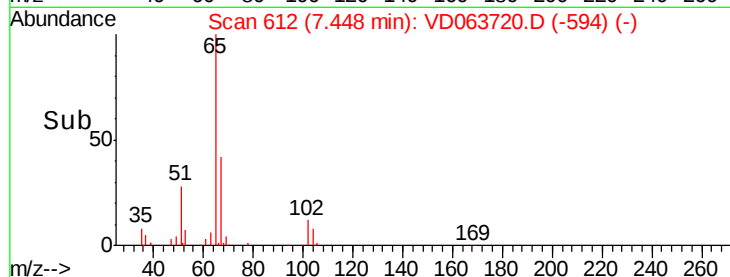
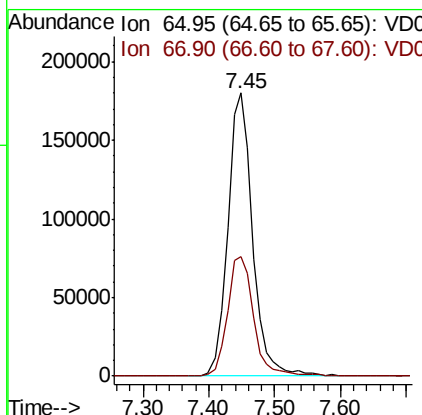
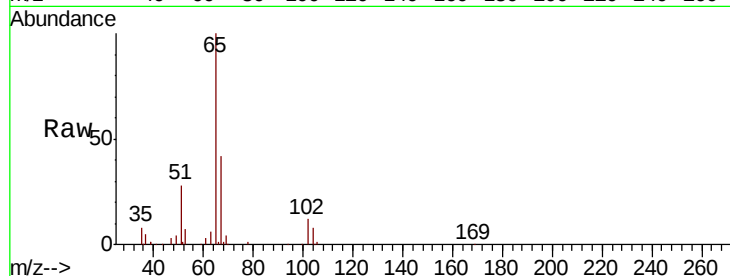




#33
 1,2-Dichloroethane-d4
 Concen: 57.401 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063720.D
 Acq: 21 Aug 2019 18:32

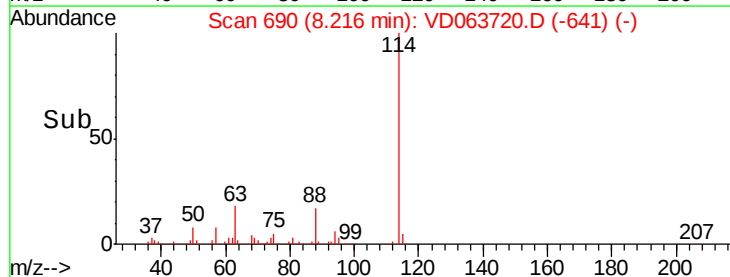
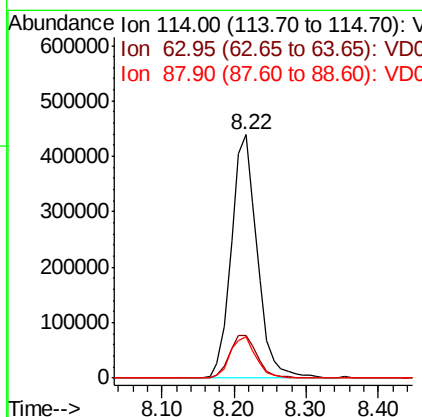
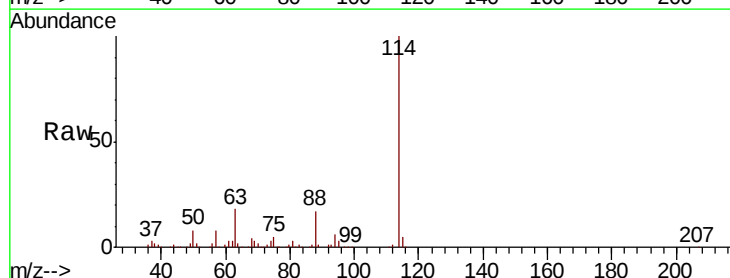
Instrument :
 MSVOA_D
 ClientSampleId :
 T1-L-(2.5)

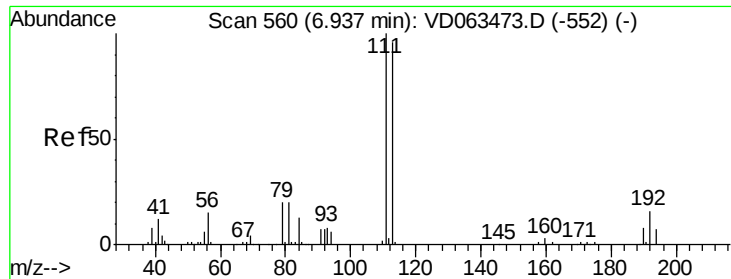
Tgt Ion: 65 Resp: 473127
 Ion Ratio Lower Upper
 65 100
 67 42.3 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063720.D
 Acq: 21 Aug 2019 18:32

Tgt Ion: 114 Resp: 1102099
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.2
 88 17.2 0.0 35.0

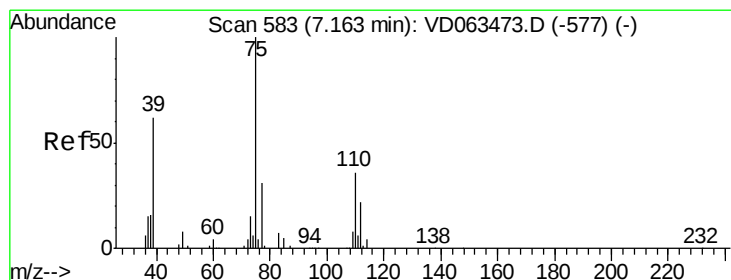
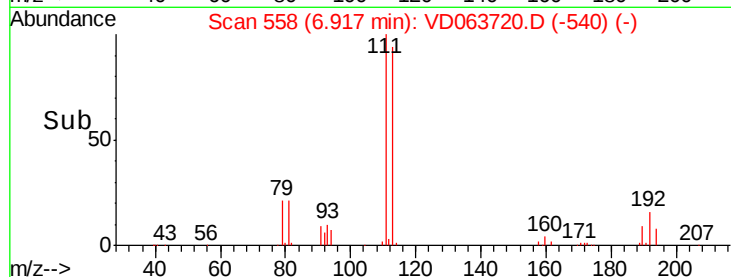
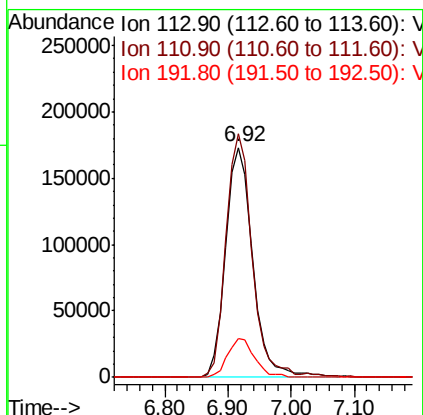
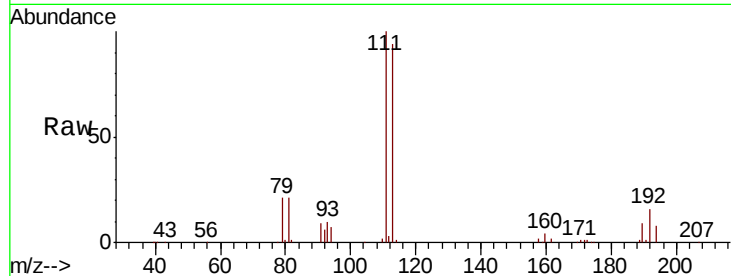




#35
 Dibromofluoromethane
 Concen: 55.586 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD063720.D
 Acq: 21 Aug 2019 18:32

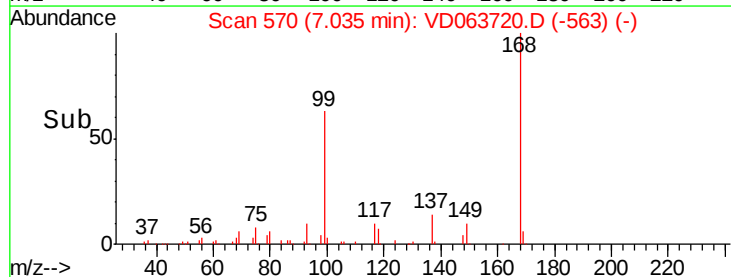
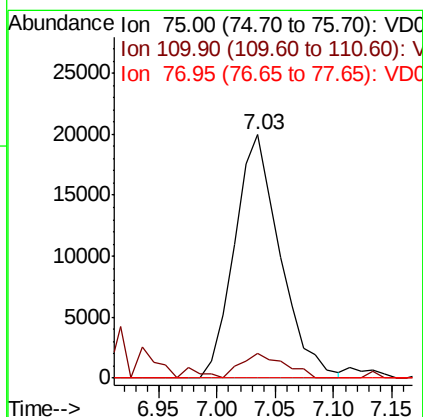
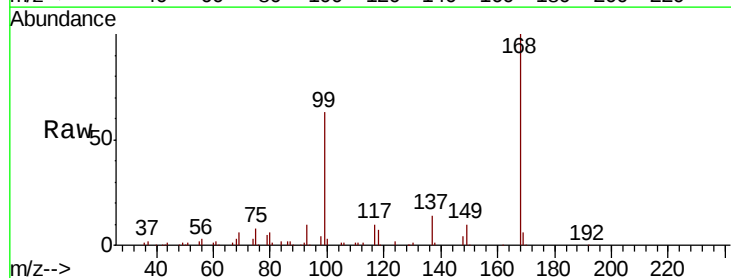
Instrument :
 MSVOA_D
 ClientSampleId :
 T1-L-(2.5)

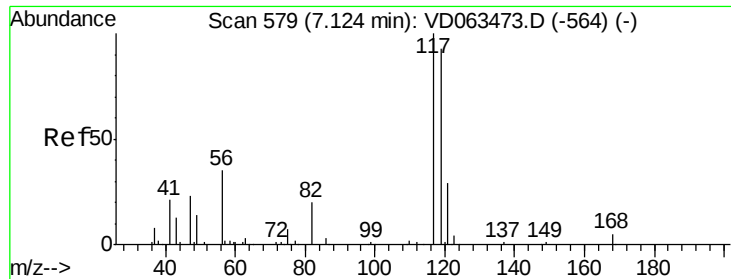
Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.1	83.1	124.7
192	16.9	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 5.539 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.13 min
 Lab File: VD063720.D
 Acq: 21 Aug 2019 18:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.6	52.8#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 5.073 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.09 min

Lab File: VD063720.D

Acq: 21 Aug 2019 18:32

Instrument :

MSVOA_D

ClientSampleId :

T1-L-(2.5)

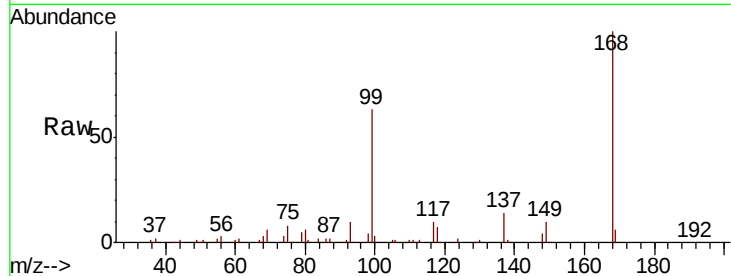
Tgt Ion:117 Resp: 74494

Ion Ratio Lower Upper

117 100

119 4.2 74.2 111.2#

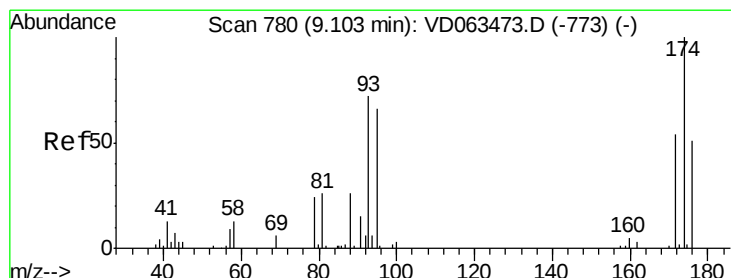
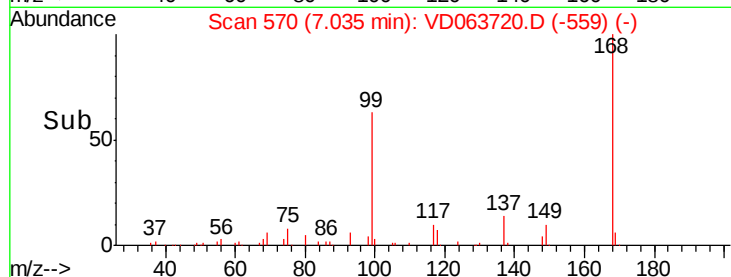
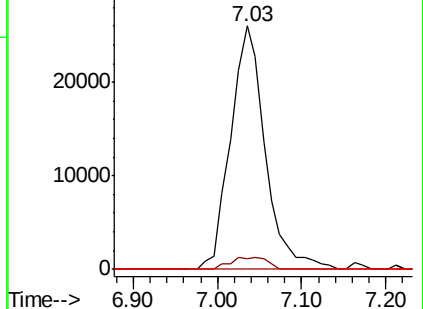
121 0.0 23.1 34.7#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#49

1,4-Dioxane

Concen: 30.483 ug/l

RT: 8.86 min Scan# 755

Delta R.T. -0.25 min

Lab File: VD063720.D

Acq: 21 Aug 2019 18:32

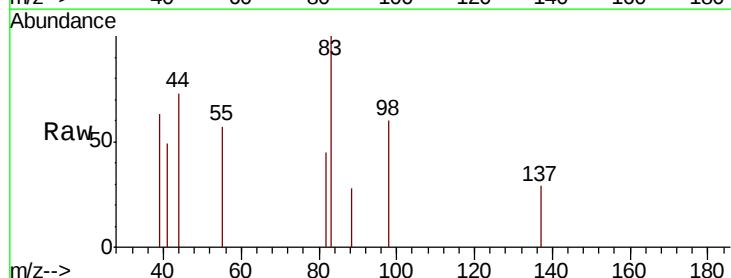
Tgt Ion: 88 Resp: 195

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

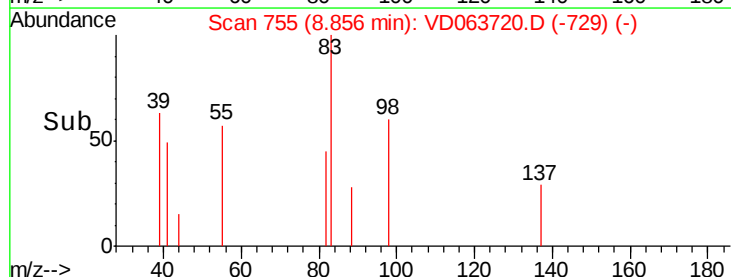
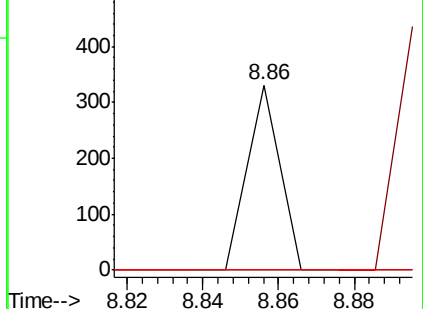
58 0.0 40.1 60.1#

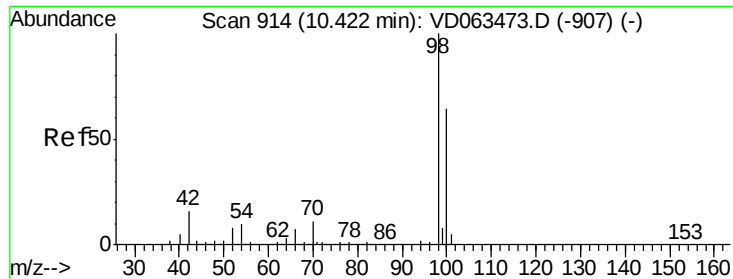


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC

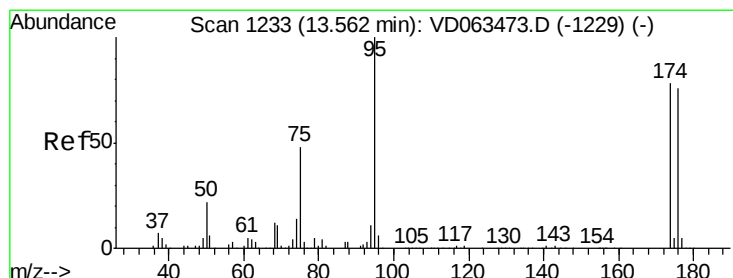
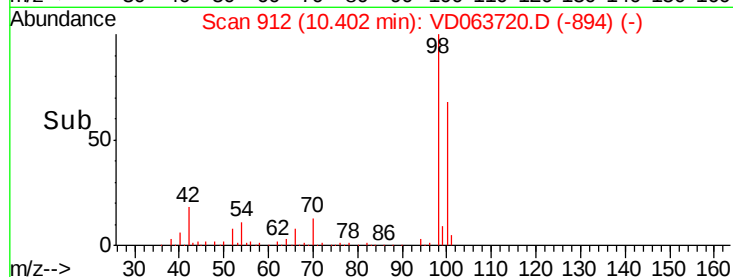
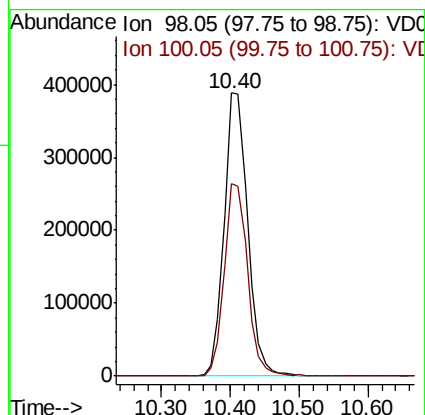
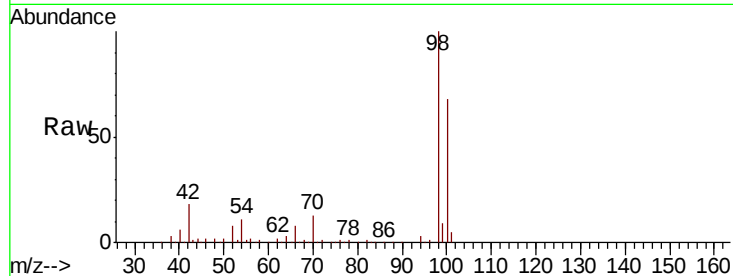




#50
Toluene-d8
Concen: 45.296 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063720.D
Acq: 21 Aug 2019 18:32

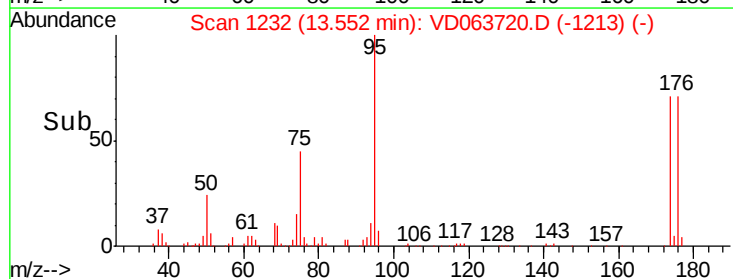
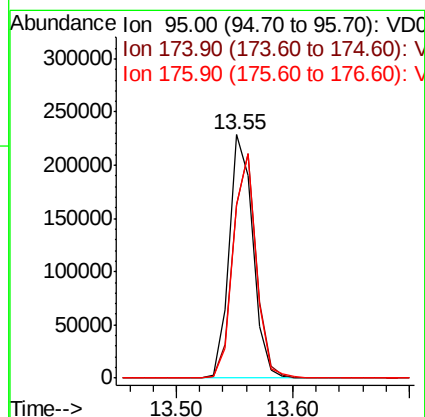
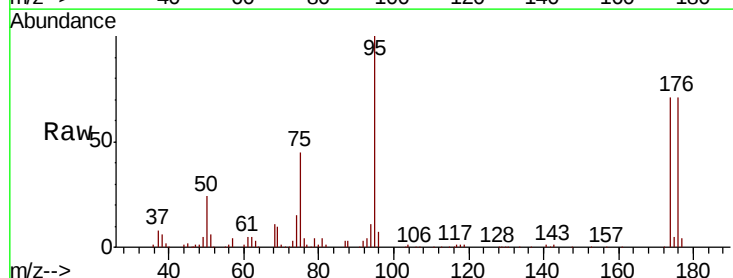
Instrument :
MSVOA_D
ClientSampleId :
T1-L-(2.5)

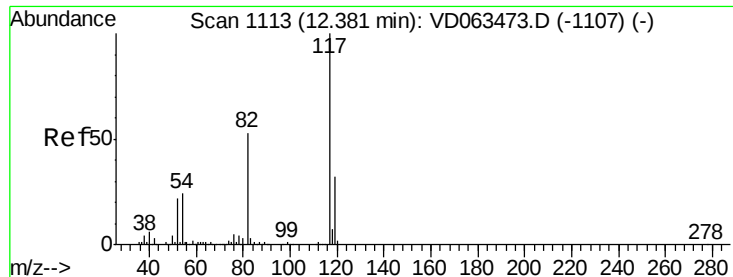
Tgt Ion: 98 Resp: 924349
Ion Ratio Lower Upper
98 100
100 67.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 34.818 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063720.D
Acq: 21 Aug 2019 18:32

Tgt Ion: 95 Resp: 322036
Ion Ratio Lower Upper
95 100
174 71.0 0.0 155.4
176 71.4 0.0 152.4

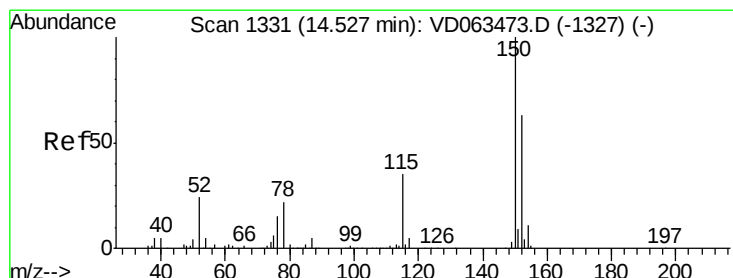
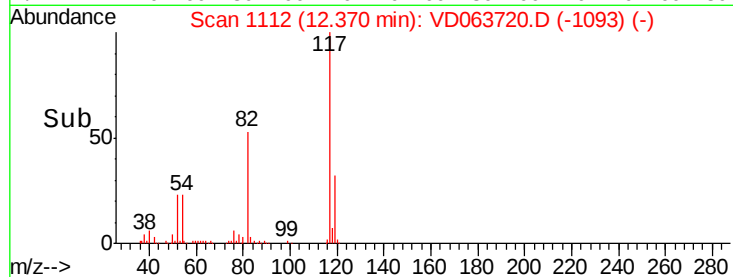
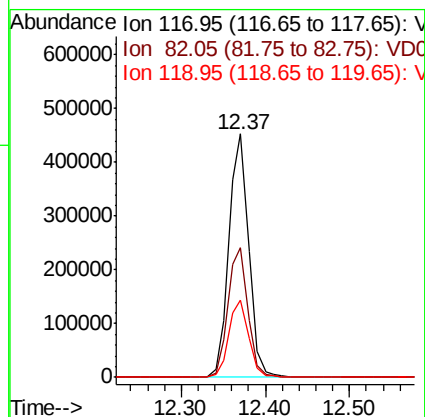
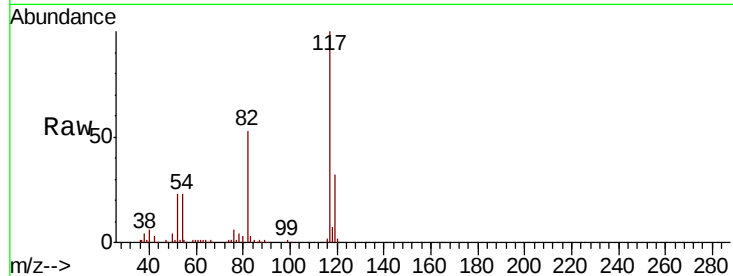




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063720.D
Acq: 21 Aug 2019 18:32

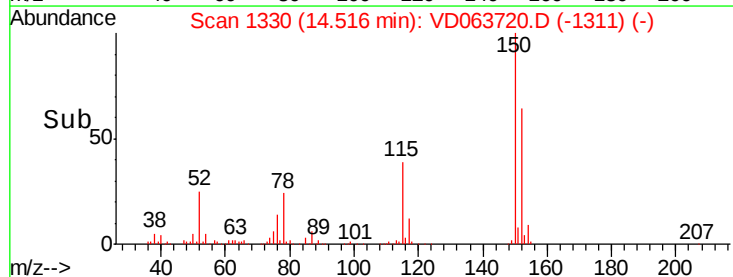
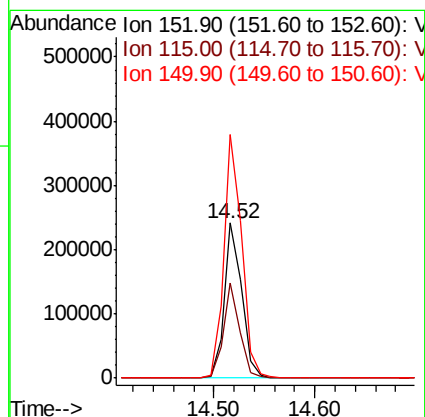
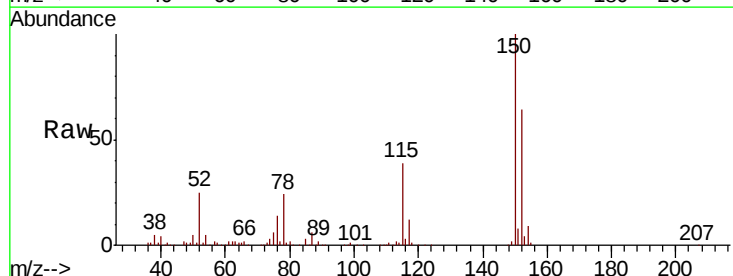
Instrument :
MSVOA_D
ClientSampleId :
T1-L-(2.5)

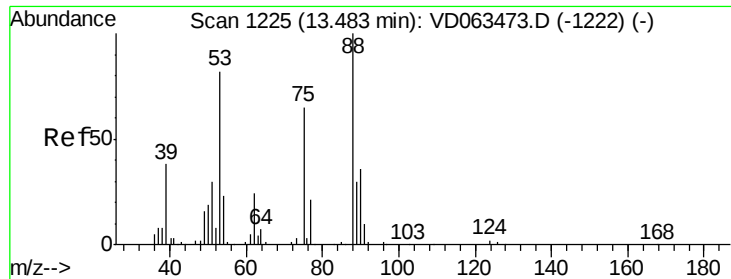
Tgt Ion:117 Resp: 735459
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063720.D
Acq: 21 Aug 2019 18:32

Tgt Ion:152 Resp: 292637
Ion Ratio Lower Upper
152 100
115 61.5 30.9 92.7
150 157.2 0.0 318.6





#81

trans-1,4-Dichloro-2-butene

Concen: 166.566 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063720.D

Acq: 21 Aug 2019 18:32

Instrument :

MSVOA_D

ClientSampleId :

T1-L-(2.5)

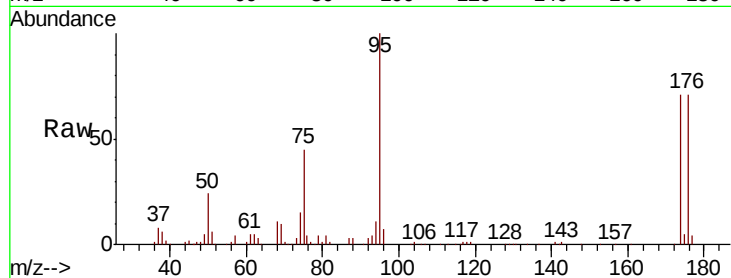
Tgt Ion: 75 Resp: 150355

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

