

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
 Data File : VD063663.D
 Acq On : 19 Aug 2019 17:45
 Operator : JC/SY
 Sample : K4385-20
 Misc : 5.54g/5ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-E1-(0)

Quant Time: Aug 20 08:16:22 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	7.04	168	1065663	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1551387	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1090980	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	384912	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	551862	48.45	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	96.90%	
35) Dibromofluoromethane	6.92	113	648796	49.66	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	99.32%	
50) Toluene-d8	10.40	98	1393168	48.50	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	13.55	95	472377	36.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.56%	

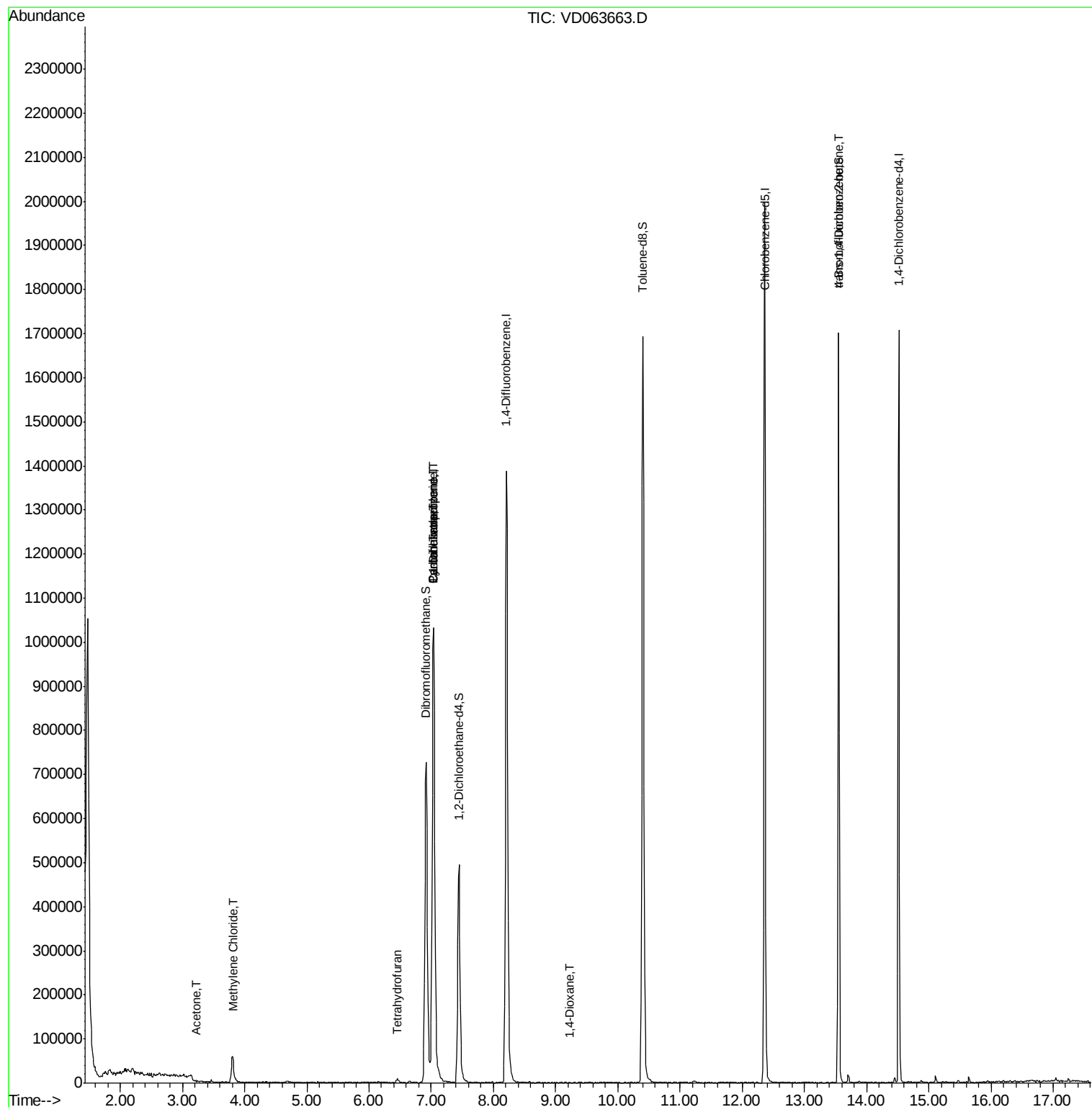
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	2890	1.248	ug/l #	65
20) Methylene Chloride	3.80	84	38849	3.880	ug/l #	92
29) Tetrahydrofuran	6.46	42	6532	6.130	ug/l	96
31) Cyclohexane	7.04	56	22986	2.235	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	80262	5.852	ug/l #	50
38) Carbon Tetrachloride	7.03	117	97924	4.738	ug/l #	19
49) 1,4-Dioxane	9.23	88	183	28.569	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.55	75	205747	173.288	ug/l #	1

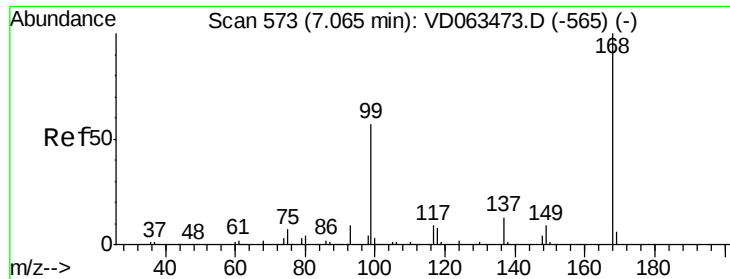
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
Data File : VD063663.D
Acq On : 19 Aug 2019 17:45
Operator : JC/SY
Sample : K4385-20
Misc : 5.54g/5ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T8-E1-(0)

Quant Time: Aug 20 08:16:22 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: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063663.D

Acq: 19 Aug 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

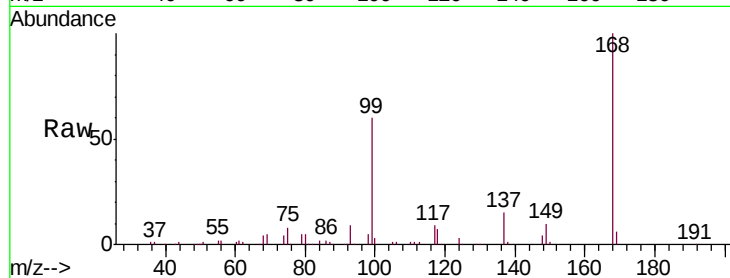
T8-E1-(0)

Tgt Ion:168 Resp: 1065663

Ion Ratio Lower Upper

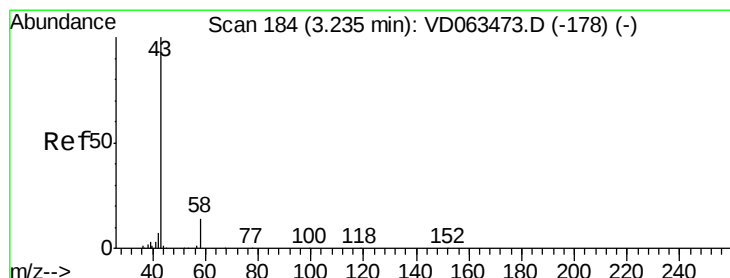
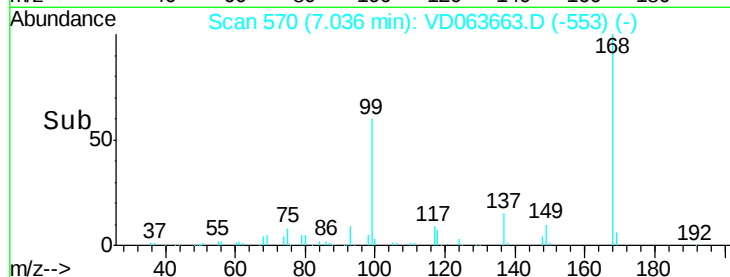
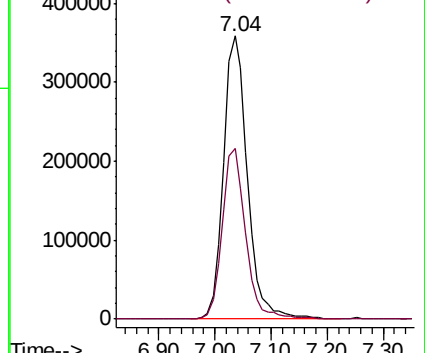
168 100

99 60.3 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: 1.248 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063663.D

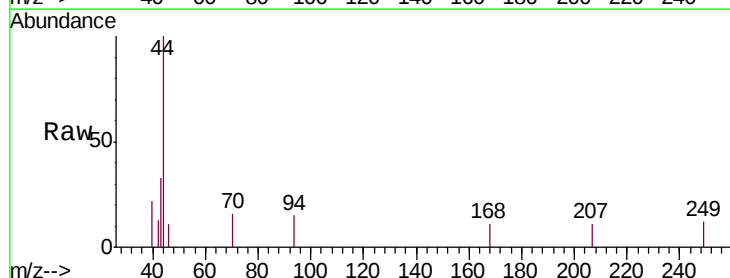
Acq: 19 Aug 2019 17:45

Tgt Ion: 43 Resp: 2890

Ion Ratio Lower Upper

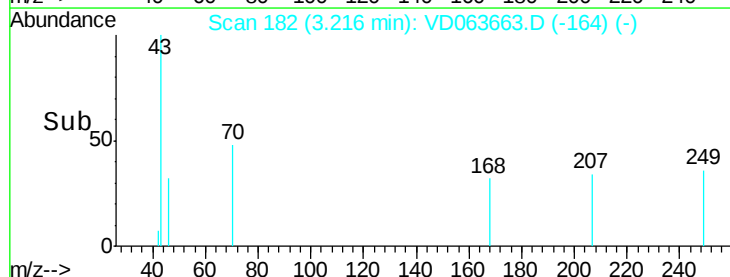
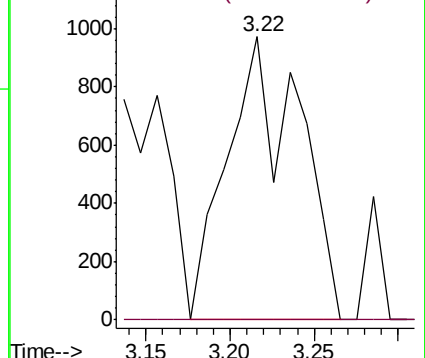
43 100

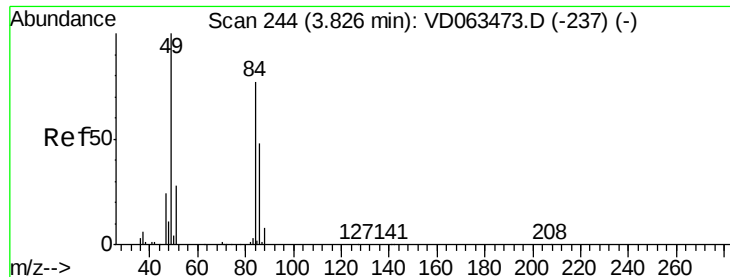
58 0.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

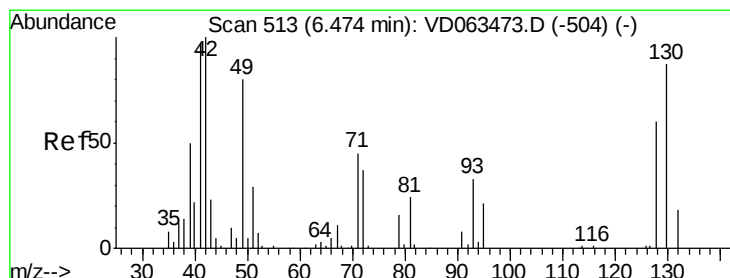
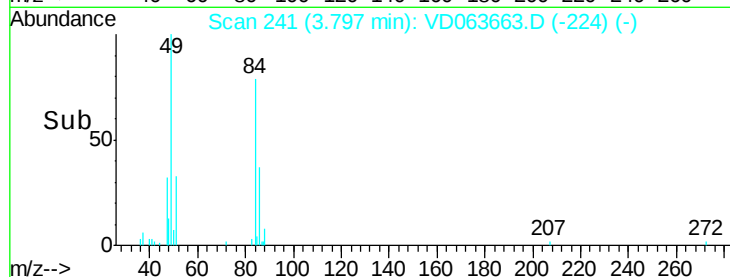
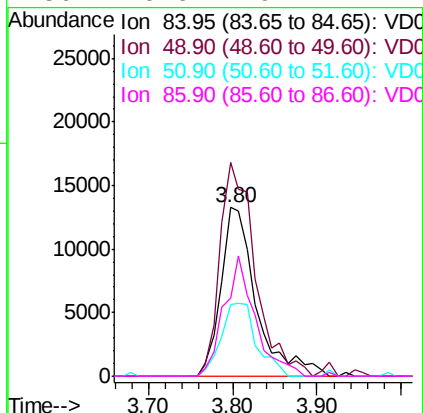
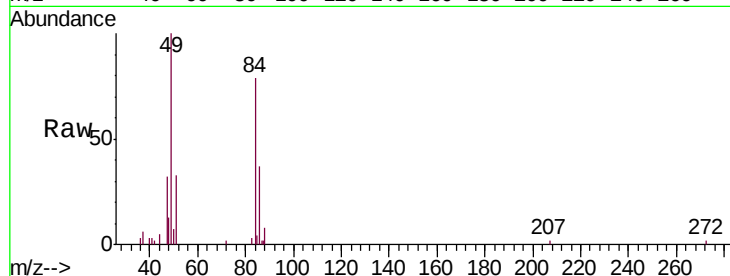




#20
Methylene Chloride
Concen: 3.880 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD063663.D
Acq: 19 Aug 2019 17:45

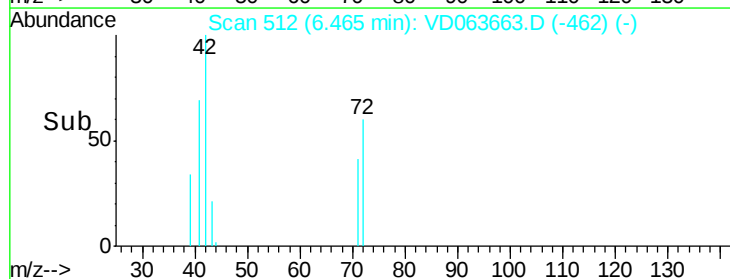
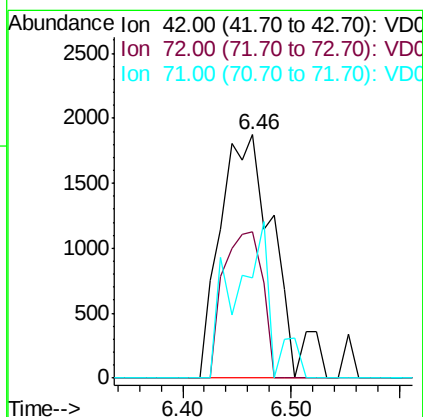
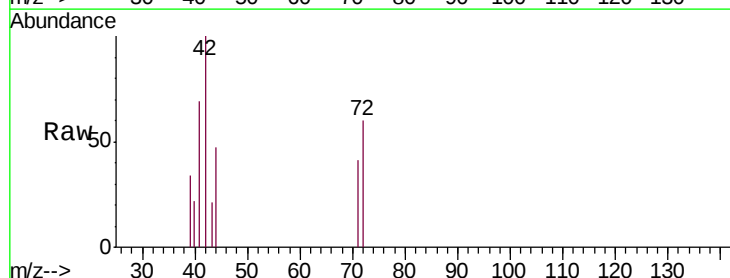
Instrument :
MSVOA_D
ClientSampleId :
T8-E1-(0)

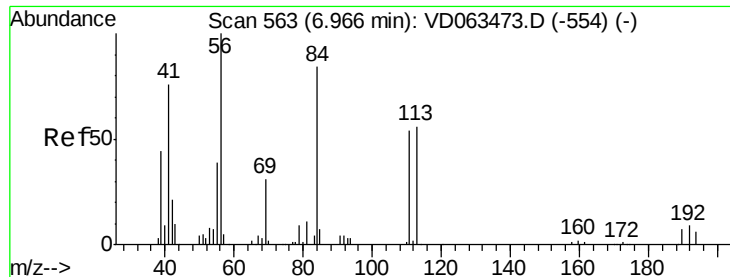
Tgt Ion: 84 Resp: 38849
Ion Ratio Lower Upper
84 100
49 126.9 103.4 155.2
51 42.2 28.5 42.7
86 46.6 49.4 74.2#



#29
Tetrahydrofuran
Concen: 6.130 ug/l
RT: 6.46 min Scan# 512
Delta R.T. -0.01 min
Lab File: VD063663.D
Acq: 19 Aug 2019 17:45

Tgt Ion: 42 Resp: 6532
Ion Ratio Lower Upper
42 100
72 43.0 31.5 47.3
71 43.3 33.8 50.8

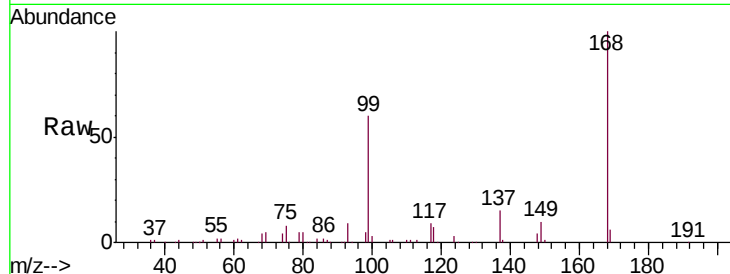




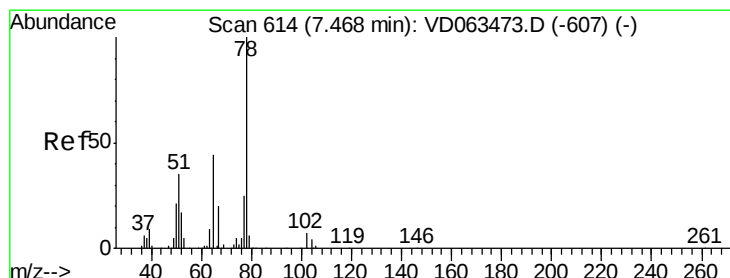
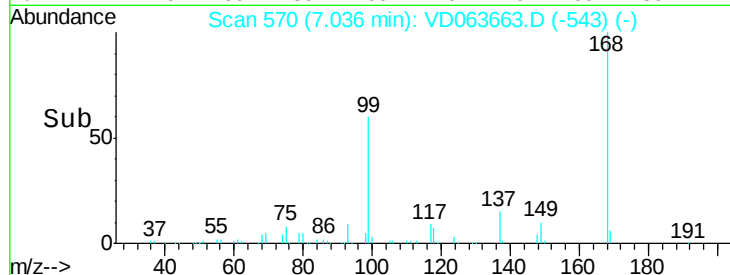
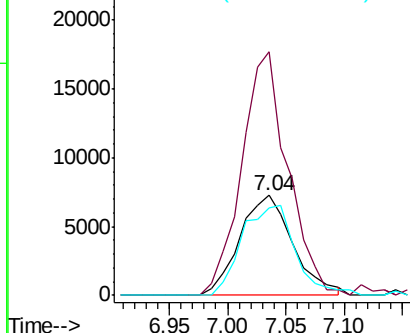
#31
Cyclohexane
Concen: 2.235 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD063663.D
Acq: 19 Aug 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
T8-E1-(0)

Tgt Ion: 56 Resp: 22986
Ion Ratio Lower Upper
56 100
69 243.2 25.0 37.6#
84 87.1 69.7 104.5

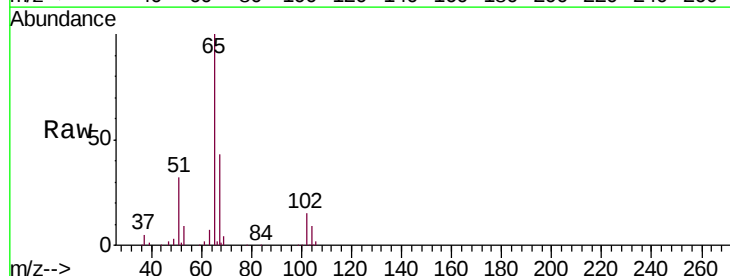


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

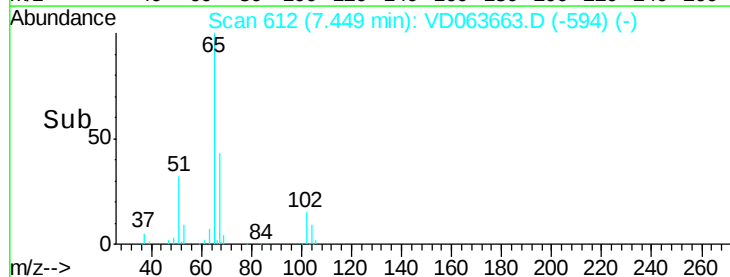
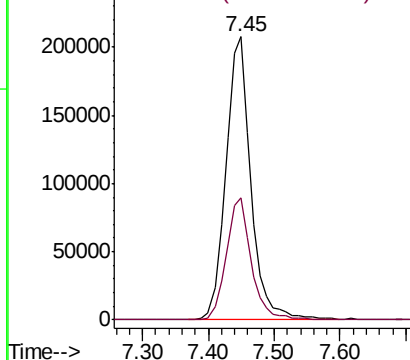


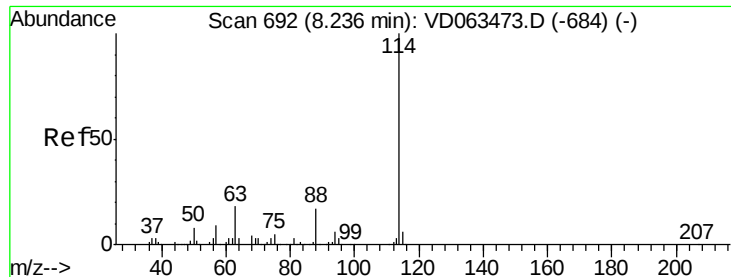
#33
1,2-Dichloroethane-d4
Concen: 48.447 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063663.D
Acq: 19 Aug 2019 17:45

Tgt Ion: 65 Resp: 551862
Ion Ratio Lower Upper
65 100
67 43.3 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063663.D

Acq: 19 Aug 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(0)

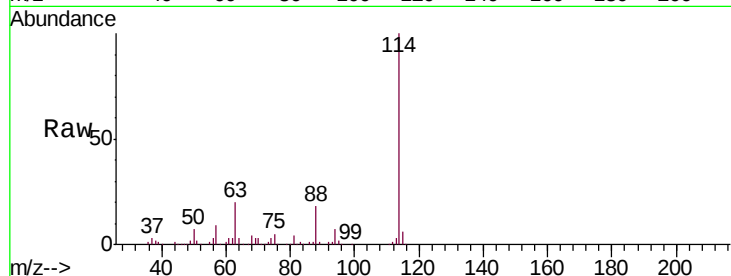
Tgt Ion:114 Resp: 1551387

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.2

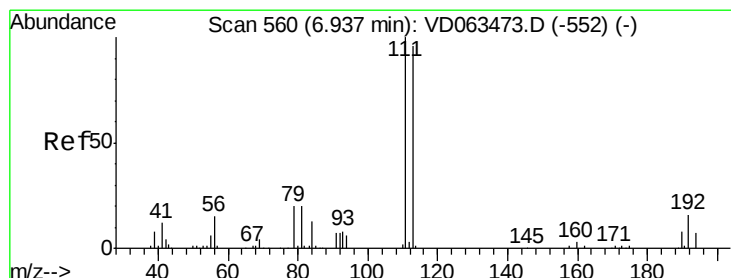
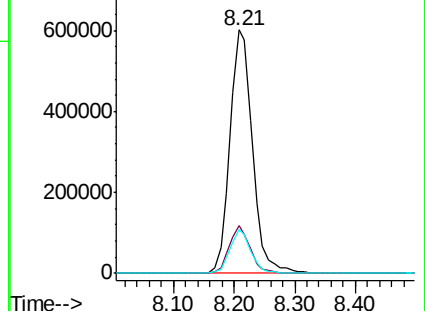
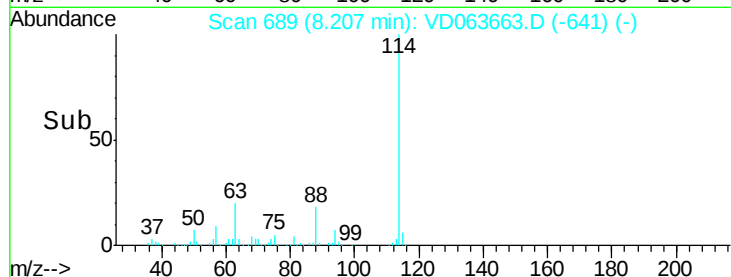
88 18.0 0.0 35.0



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: 49.656 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063663.D

Acq: 19 Aug 2019 17:45

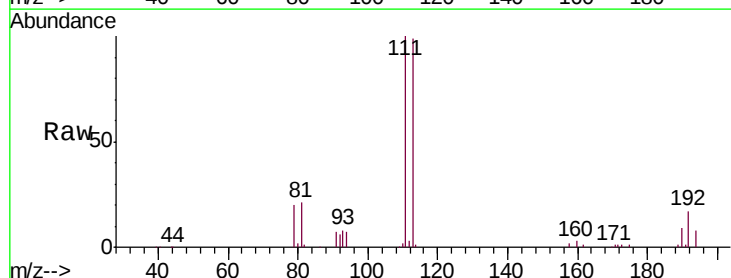
Tgt Ion:113 Resp: 648796

Ion Ratio Lower Upper

113 100

111 100.6 83.1 124.7

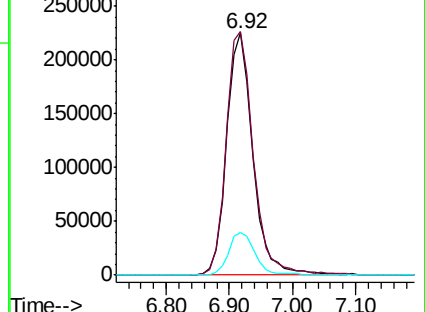
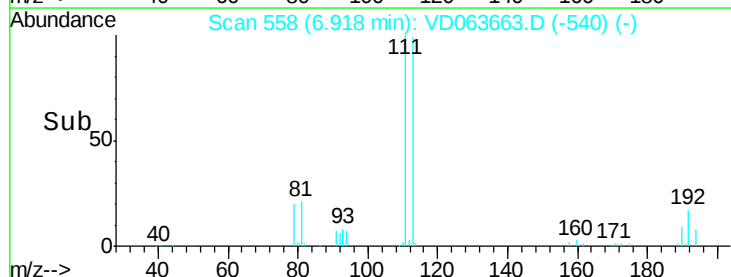
192 17.6 13.1 19.7

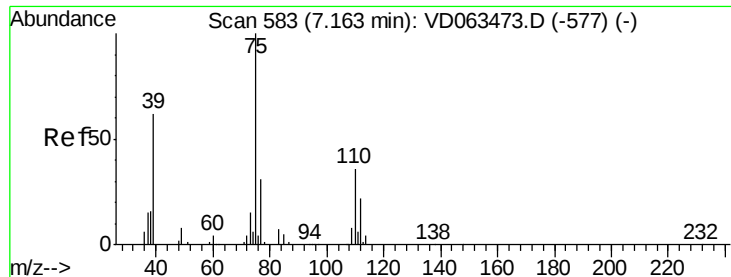


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.852 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.14 min

Lab File: VD063663.D

Acq: 19 Aug 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(0)

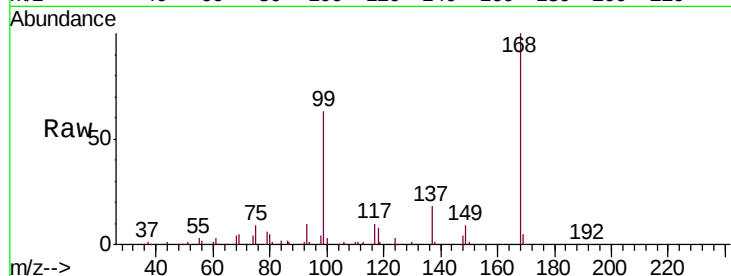
Tgt Ion: 75 Resp: 80262

Ion Ratio Lower Upper

75 100

110 9.0 17.6 52.8#

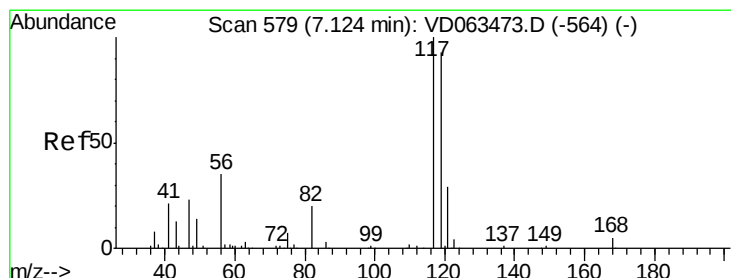
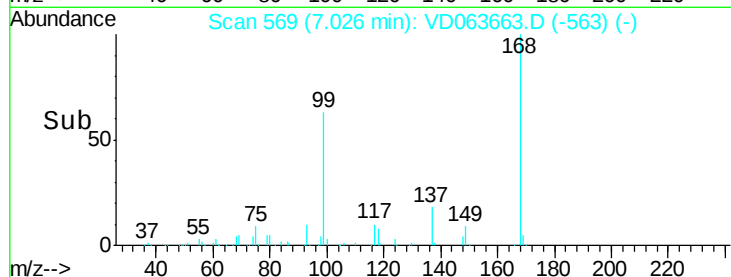
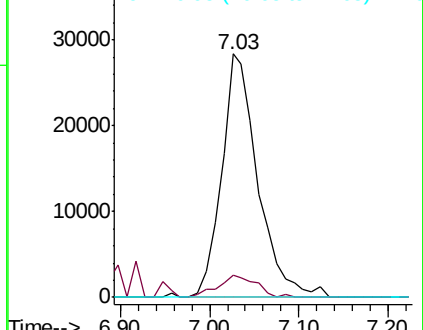
77 0.0 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#38

Carbon Tetrachloride

Concen: 4.738 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.10 min

Lab File: VD063663.D

Acq: 19 Aug 2019 17:45

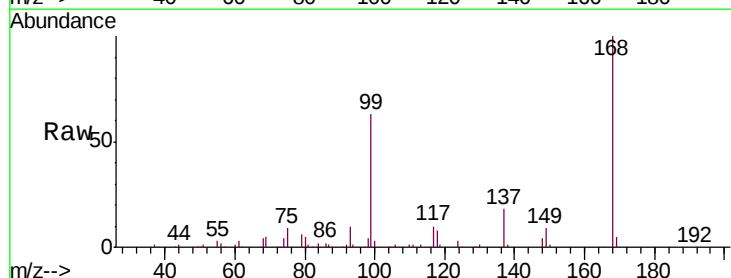
Tgt Ion: 117 Resp: 97924

Ion Ratio Lower Upper

117 100

119 6.9 74.2 111.2#

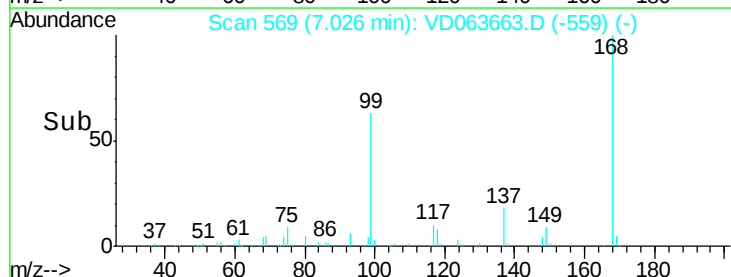
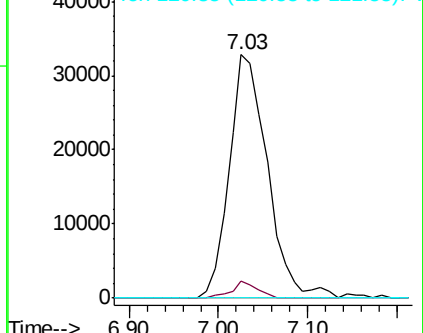
121 0.0 23.1 34.7#

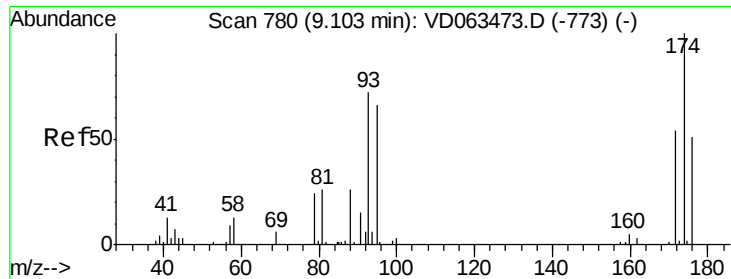


Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 118.85 (118.55 to 119.55): VDC

Ion 120.85 (120.55 to 121.55): VDC

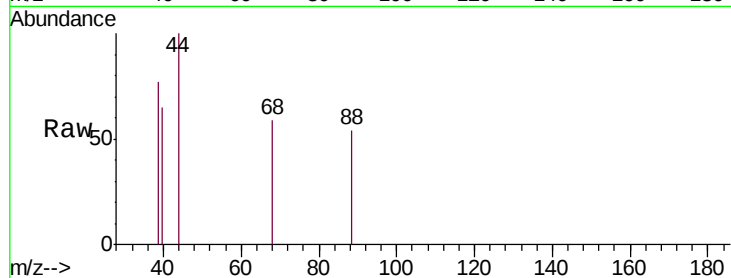




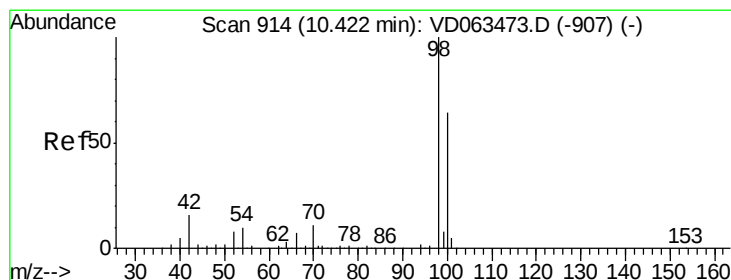
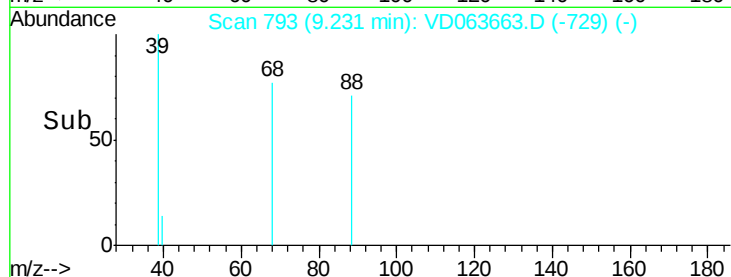
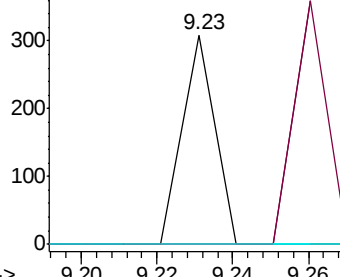
#49
 1,4-Dioxane
 Concen: 28.569 ug/l
 RT: 9.23 min Scan# 793
 Delta R.T. 0.13 min
 Lab File: VD063663.D
 Acq: 19 Aug 2019 17:45

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-E1-(0)

Tgt Ion: 88 Resp: 183
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.9 34.3#
 58 0.0 40.1 60.1#

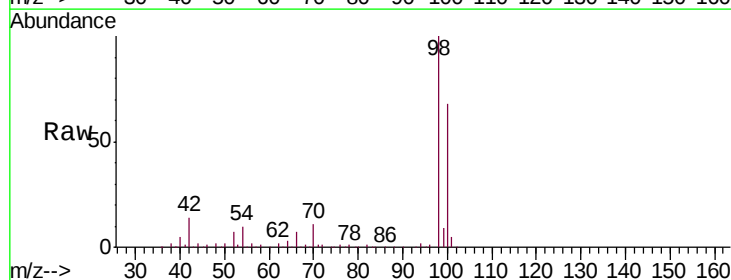


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

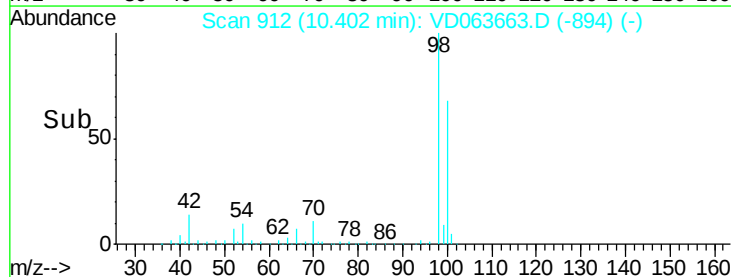
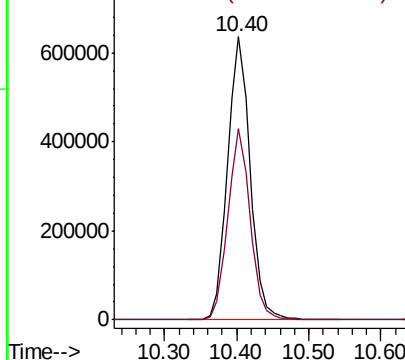


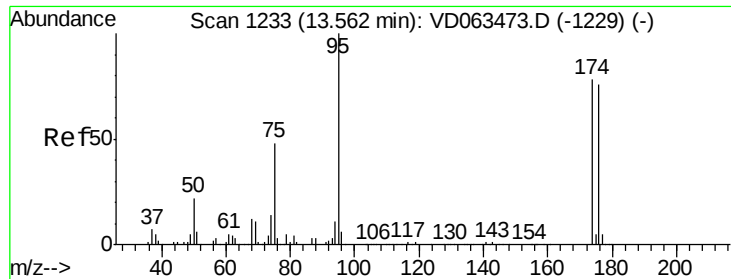
#50
 Toluene-d8
 Concen: 48.499 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD063663.D
 Acq: 19 Aug 2019 17:45

Tgt Ion: 98 Resp: 1393168
 Ion Ratio Lower Upper
 98 100
 100 67.8 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: 36.281 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063663.D

Acq: 19 Aug 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(0)

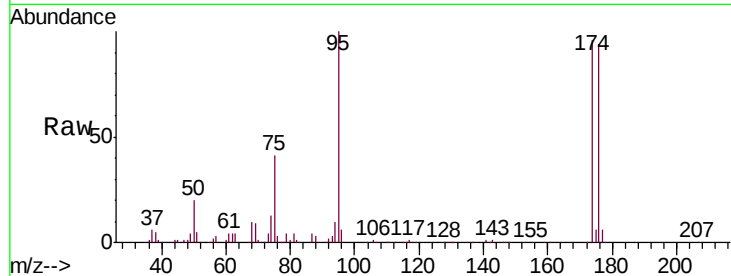
Tgt Ion: 95 Resp: 472377

Ion Ratio Lower Upper

95 100

174 96.1 0.0 155.4

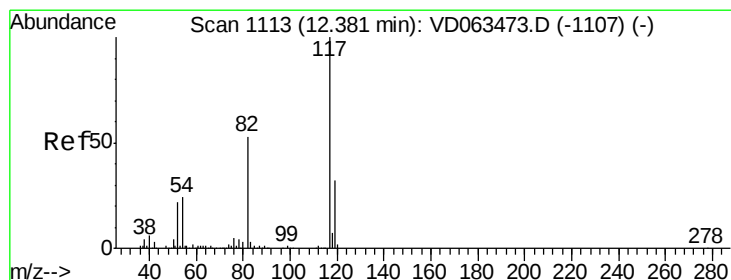
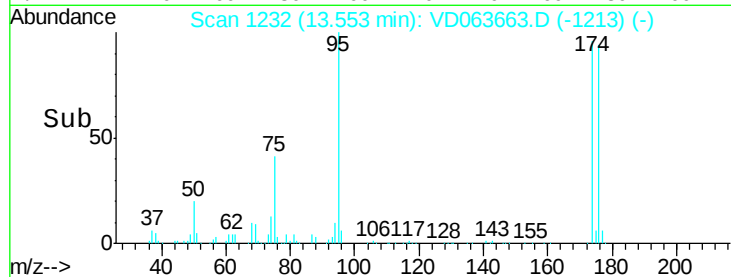
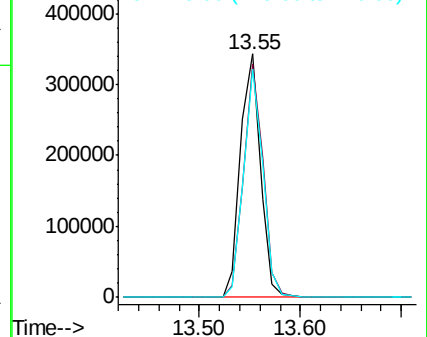
176 93.7 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VD063663.D

Acq: 19 Aug 2019 17:45

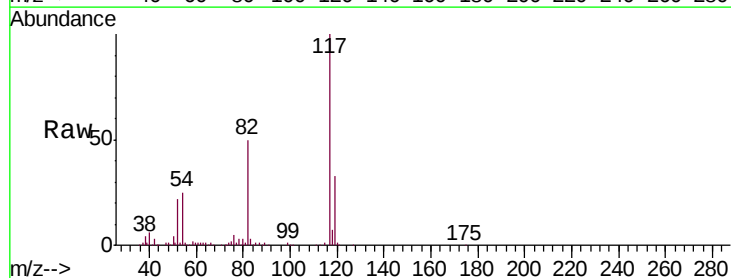
Tgt Ion: 117 Resp: 1090980

Ion Ratio Lower Upper

117 100

82 49.7 42.0 63.0

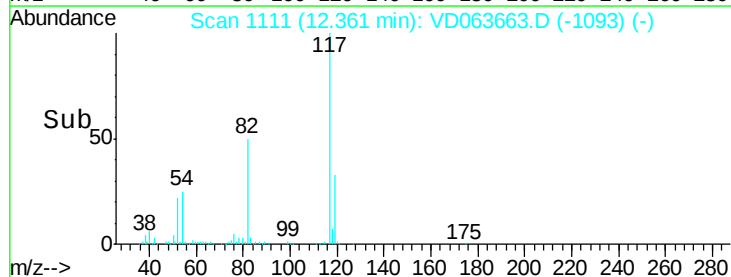
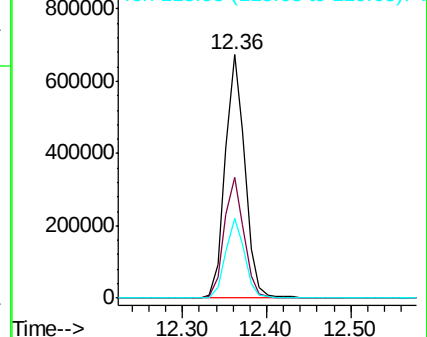
119 32.7 25.4 38.0

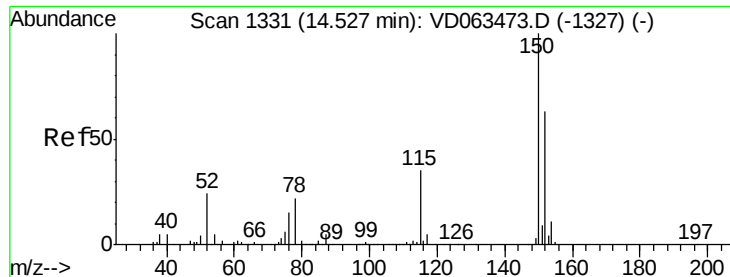


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063663.D

Acq: 19 Aug 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(0)

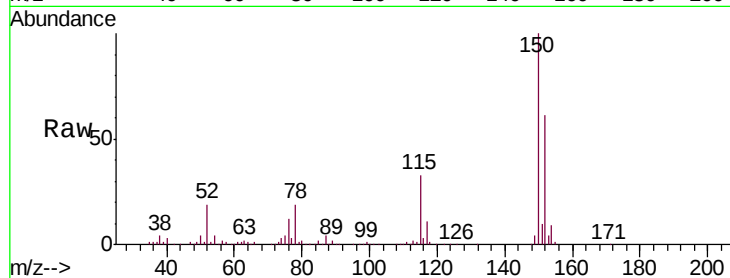
Tgt Ion:152 Resp: 384912

Ion Ratio Lower Upper

152 100

115 54.7 30.9 92.7

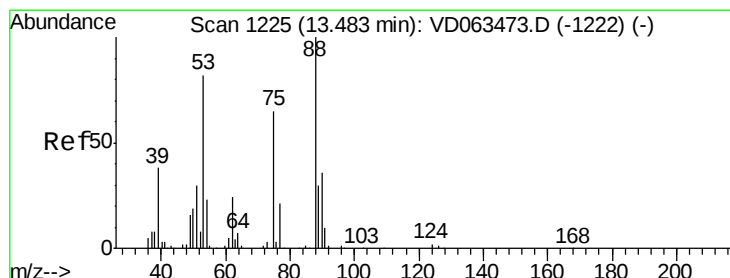
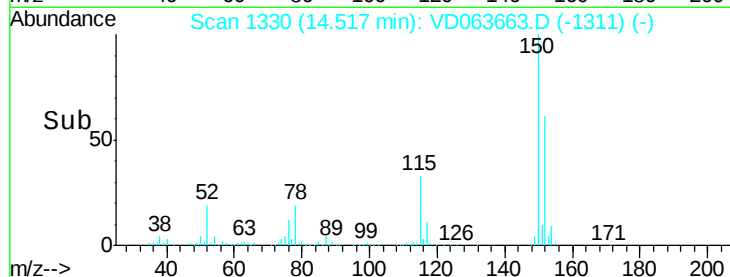
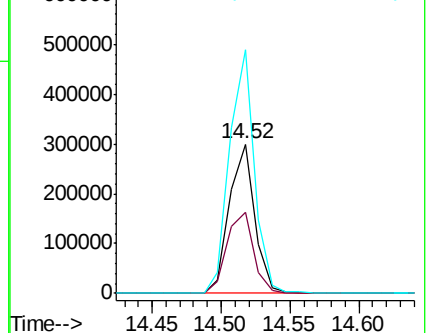
150 163.4 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 173.288 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063663.D

Acq: 19 Aug 2019 17:45

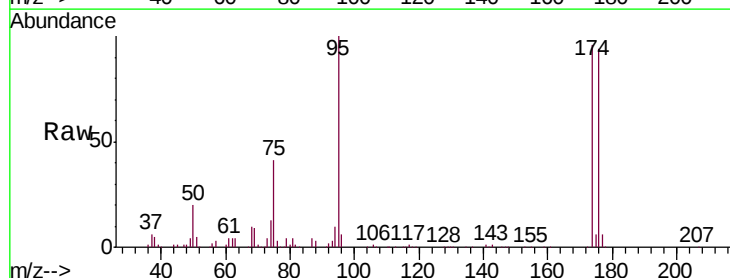
Tgt Ion: 75 Resp: 205747

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

