

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063544.D
 Acq On : 13 Aug 2019 22:59
 Operator : JC/SY
 Sample : K4290-03
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 08:31:35 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	841776	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1174430	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	860105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	318031	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	421807	46.88	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	93.76%	
35) Dibromofluoromethane	6.93	113	467200	47.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.46%	
50) Toluene-d8	10.42	98	826434	38.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.00%	
62) 4-Bromofluorobenzene	13.56	95	263840	26.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	53.54%	

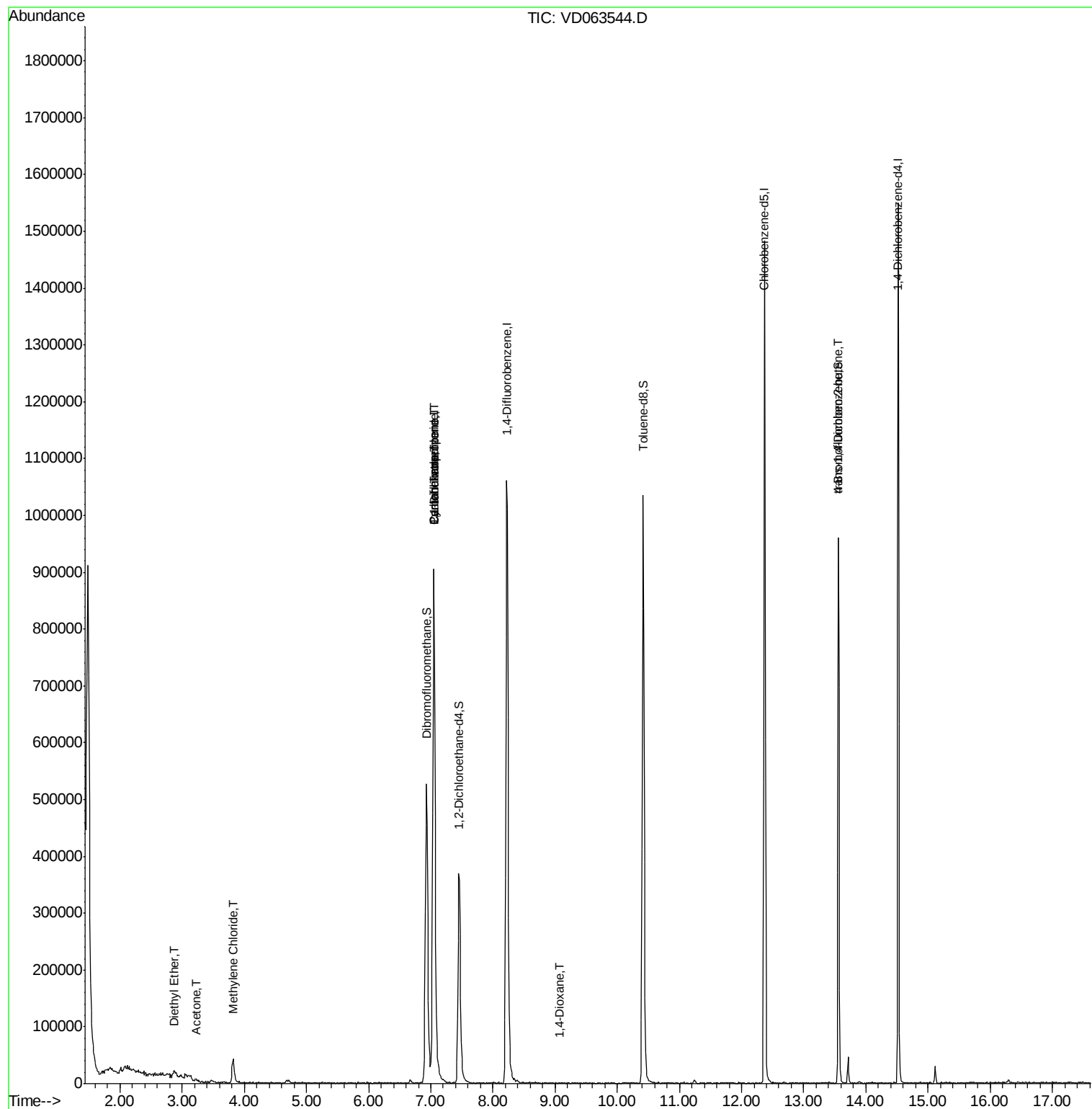
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.88	74	3139	1.435	ug/l	77
16) Acetone	3.21	43	8406	4.596	ug/l #	91
20) Methylene Chloride	3.81	84	26139	3.305	ug/l #	86
31) Cyclohexane	7.05	56	16503	2.031	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	57401	5.529	ug/l #	51
38) Carbon Tetrachloride	7.05	117	76538	4.891	ug/l #	20
49) 1,4-Dioxane	9.06	88	208	30.489	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	122716	125.092	ug/l #	1

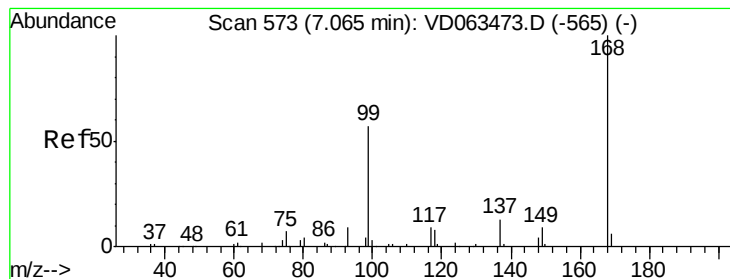
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081319\
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Quant Time: Aug 14 08:31:35 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

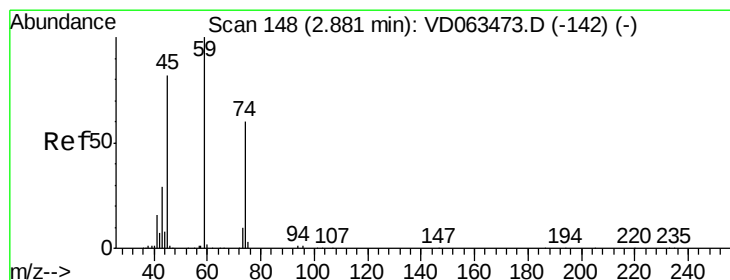
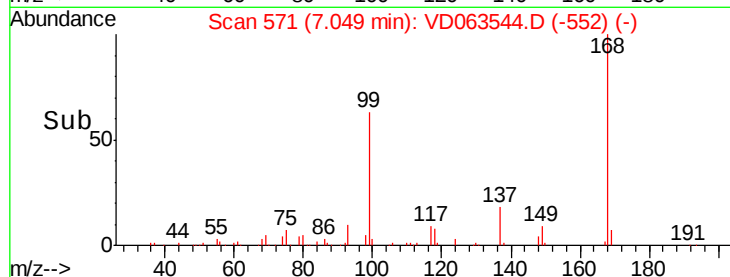
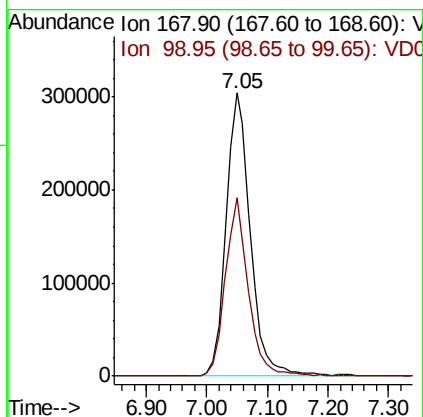
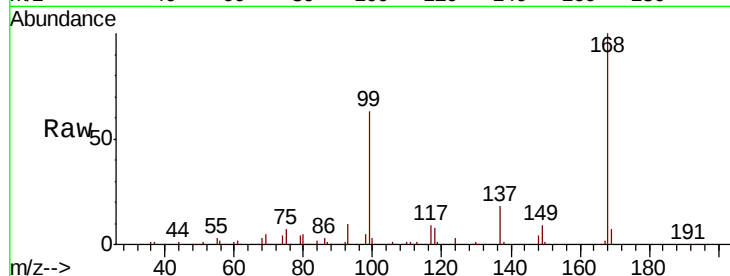




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD063544.D
Acq: 13 Aug 2019 22:59

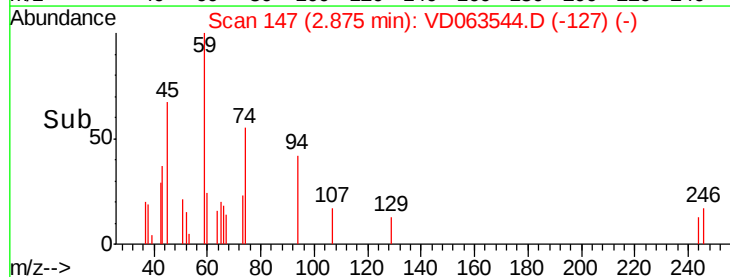
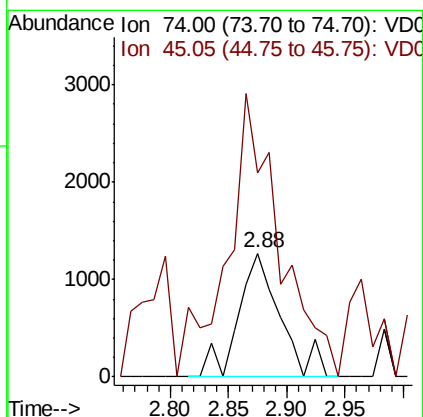
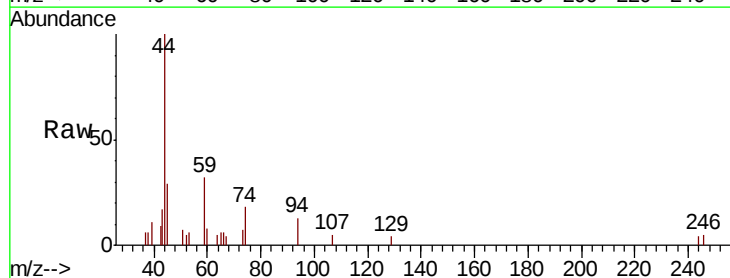
Instrument :
MSVOA_D
ClientSampleId :

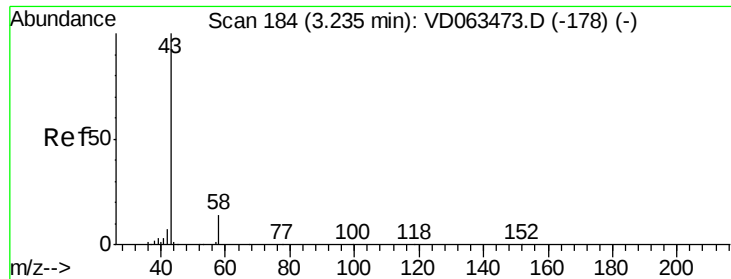
Tot Ion:168 Resp: 841776
Ion Ratio Lower Upper
168 100
99 63.1 46.7 70.1



#8
Diethyl Ether
Concen: 1.435 ug/l
RT: 2.88 min Scan# 147
Delta R.T. -0.01 min
Lab File: VD063544.D
Acq: 13 Aug 2019 22:59

Tgt Ion: 74 Resp: 3139
Ion Ratio Lower Upper
74 100
45 165.1 68.5 205.5

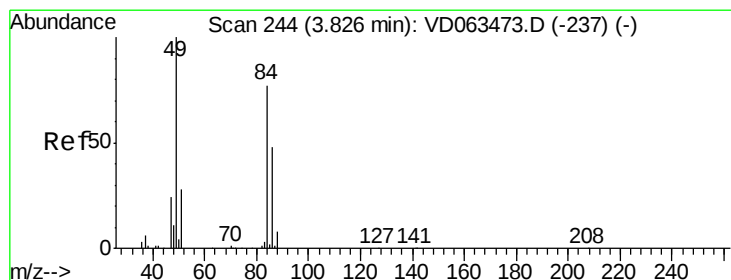
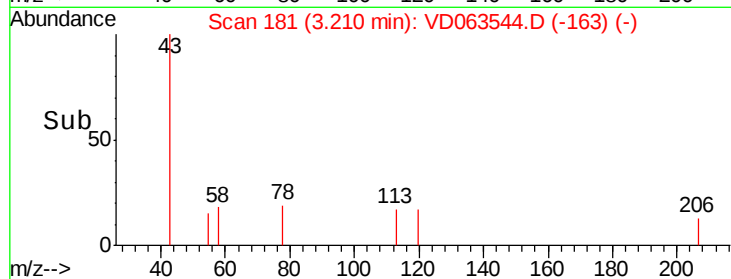
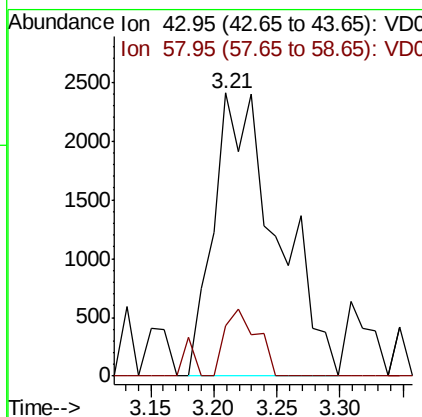
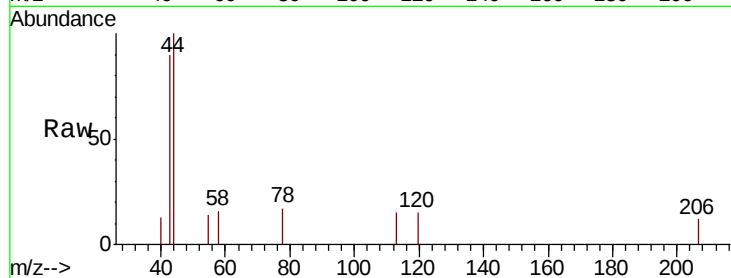




#16
Acetone
Concen: 4.596 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.03 min
Lab File: VD063544.D
Acq: 13 Aug 2019 22:59

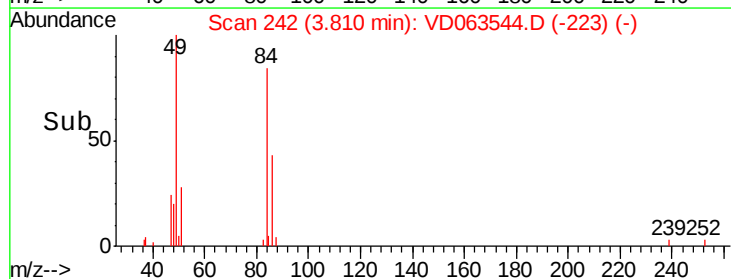
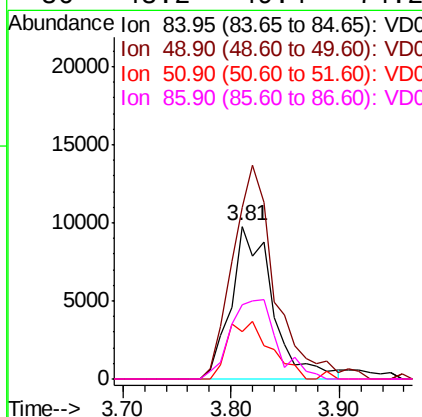
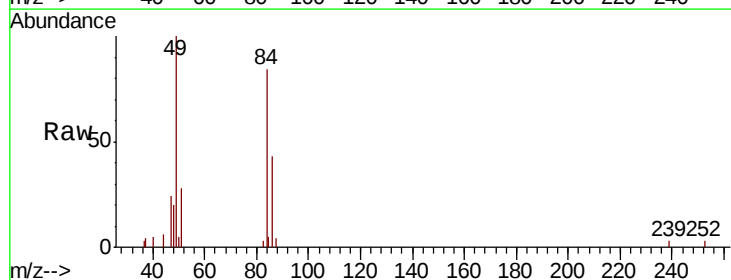
Instrument :
MSVOA_D
ClientSampleId :

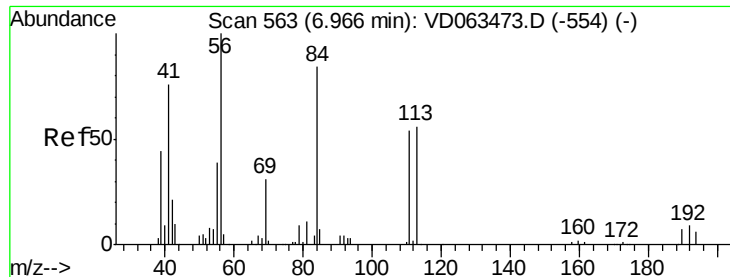
Tot Ion: 43 Resp: 8406
Ion Ratio Lower Upper
43 100
58 17.9 11.4 17.2#



#20
Methylene Chloride
Concen: 3.305 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063544.D
Acq: 13 Aug 2019 22:59

Tgt Ion: 84 Resp: 26139
Ion Ratio Lower Upper
84 100
49 112.7 103.4 155.2
51 31.1 28.5 42.7
86 48.2 49.4 74.2#

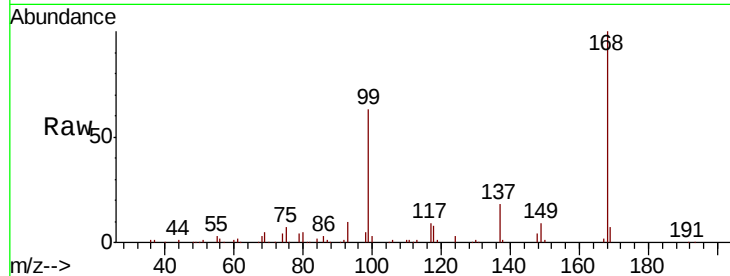




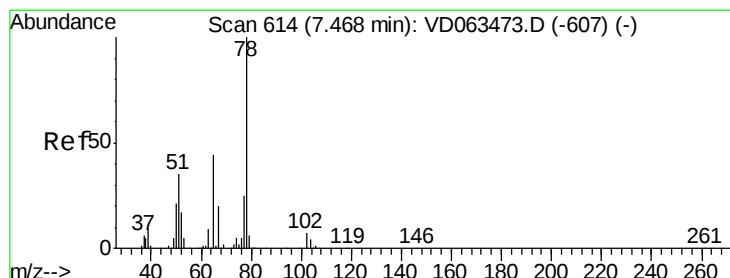
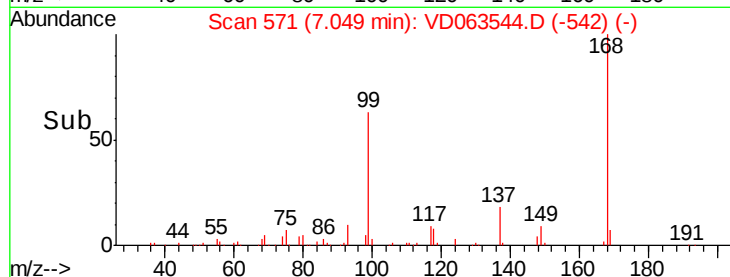
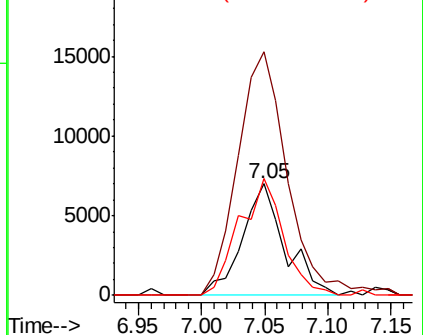
#31
Cvclohexane
Concen: 2.031 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD063544.D
Acq: 13 Aug 2019 22:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 16503
Ion Ratio Lower Upper
56 100
69 218.8 25.0 37.6#
84 104.7 69.7 104.5#

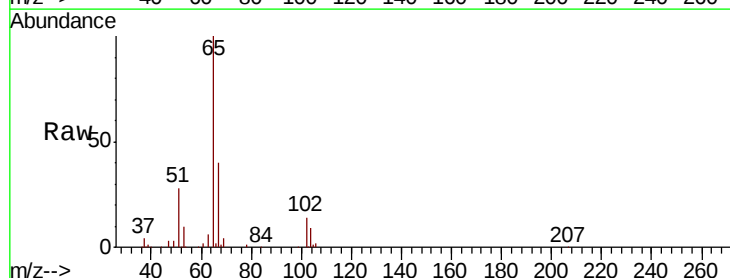


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

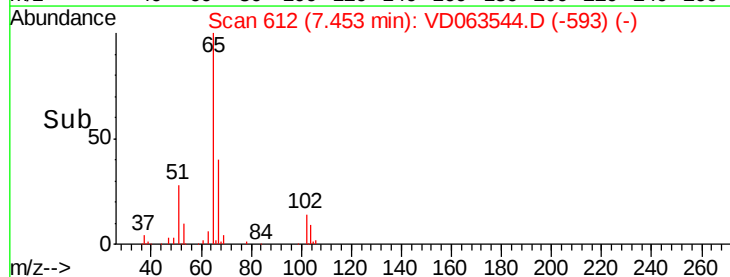
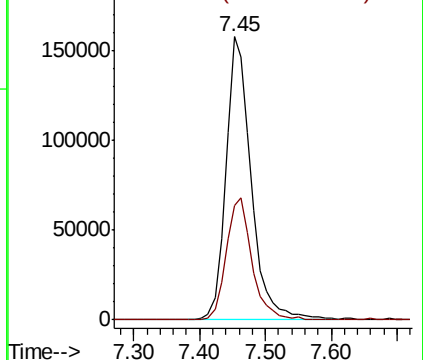


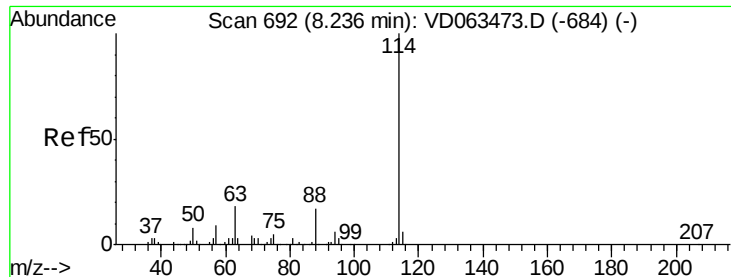
#33
1,2-Dichloroethane-d4
Concen: 46.878 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063544.D
Acq: 13 Aug 2019 22:59

Tgt Ion: 65 Resp: 421807
Ion Ratio Lower Upper
65 100
67 40.3 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: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063544.D

Acq: 13 Aug 2019 22:59

Instrument :

MSVOA_D

ClientSampleId :

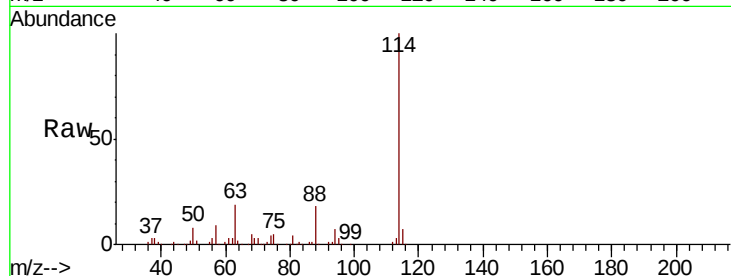
Tot Ion:114 Resp: 1174430

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.2

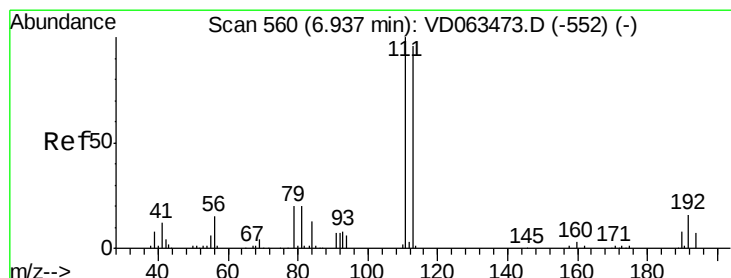
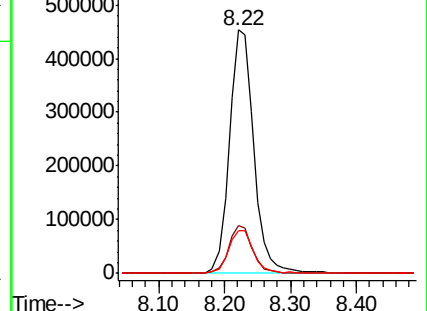
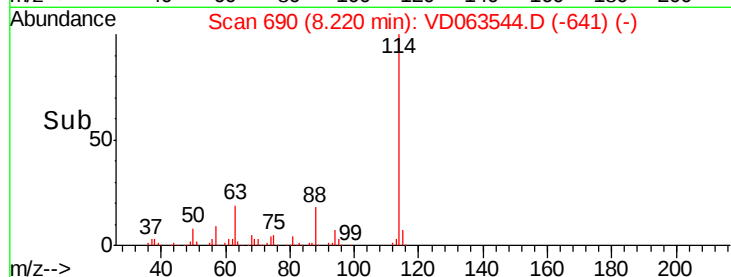
88 17.7 0.0 35.0



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: 47.234 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063544.D

Acq: 13 Aug 2019 22:59

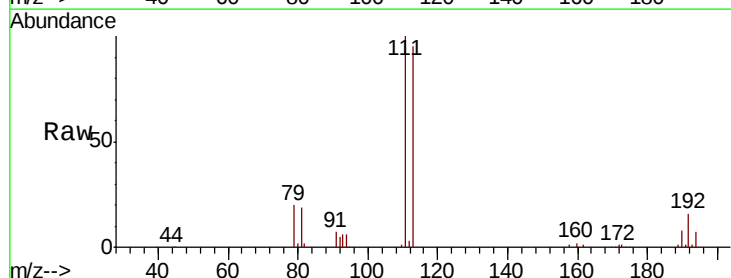
Tgt Ion:113 Resp: 467200

Ion Ratio Lower Upper

113 100

111 105.2 83.1 124.7

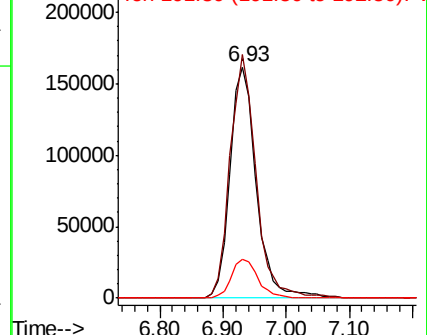
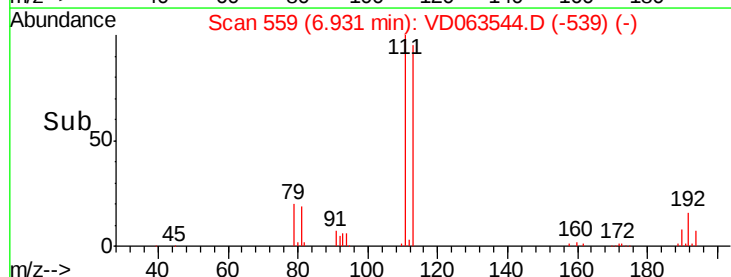
192 16.9 13.1 19.7

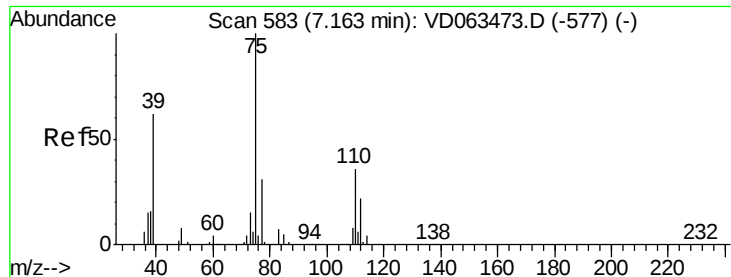


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.529 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.11 min

Lab File: VD063544.D

Acq: 13 Aug 2019 22:59

Instrument :
MSVOA_D
ClientSampled :

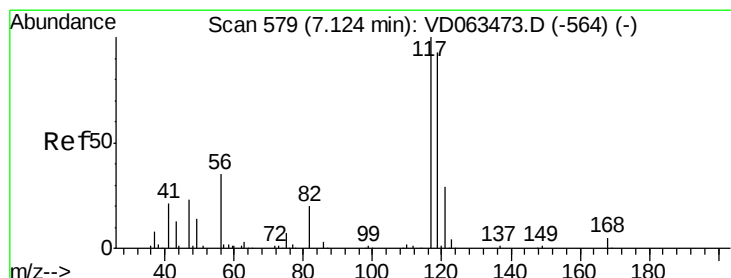
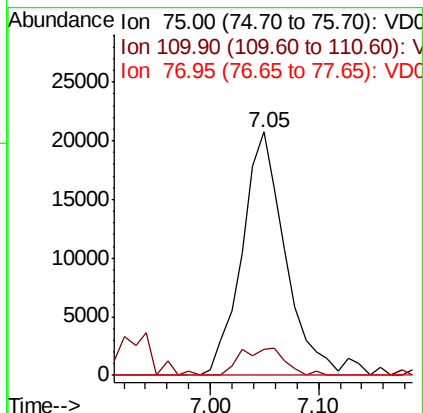
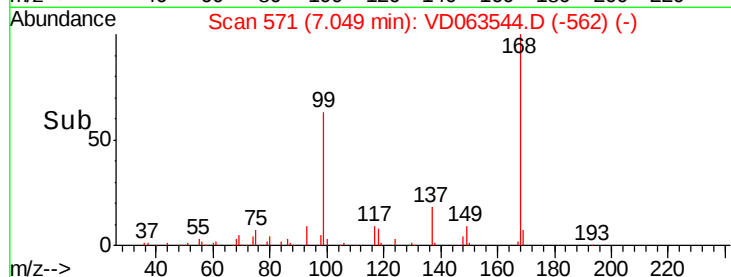
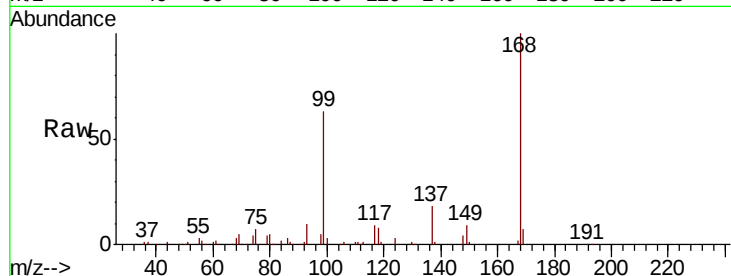
Tot Ion: 75 Resp: 57401

Ion Ratio Lower Upper

75 100

110 10.6 17.6 52.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.891 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD063544.D

Acq: 13 Aug 2019 22:59

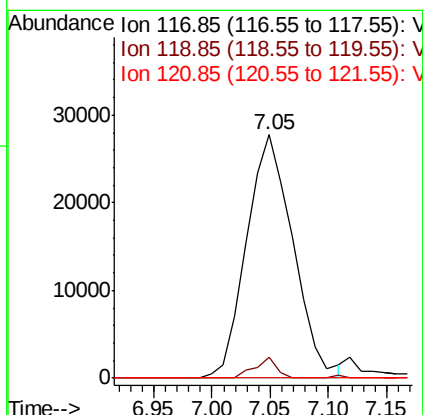
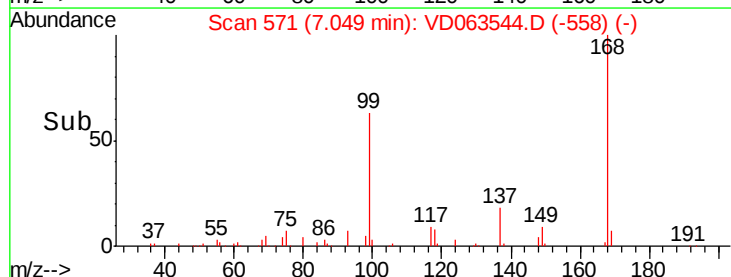
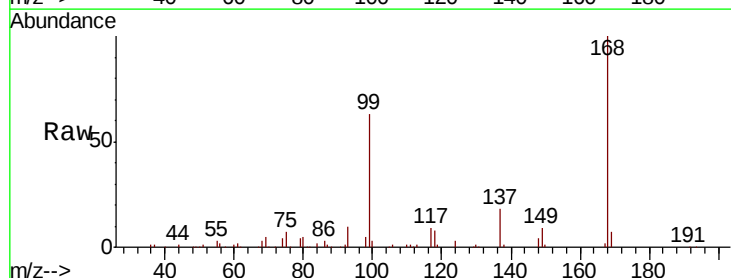
Tgt Ion: 117 Resp: 76538

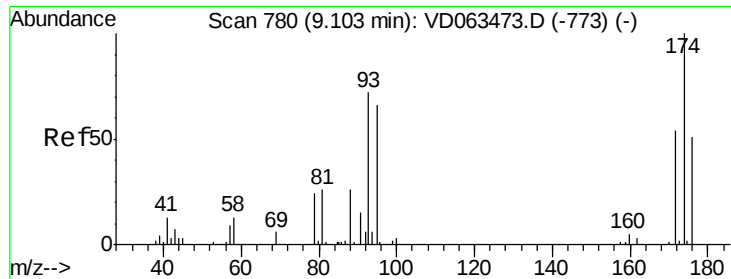
Ion Ratio Lower Upper

117 100

119 8.6 74.2 111.2#

121 0.0 23.1 34.7#

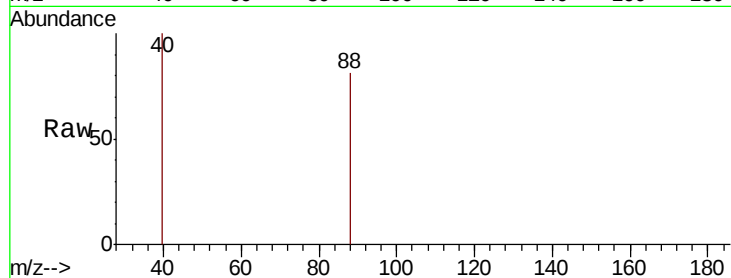




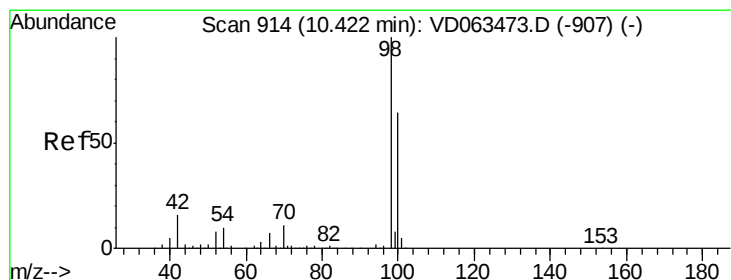
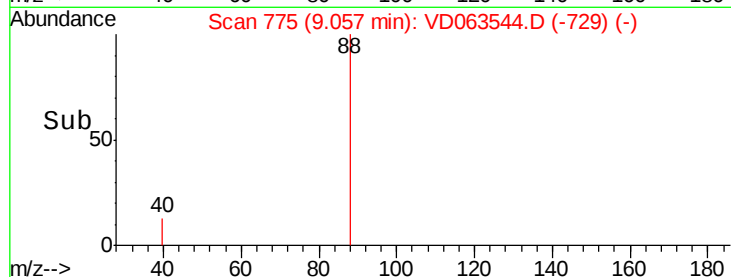
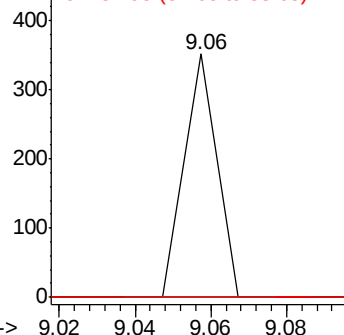
#49
 1,4-Dioxane
 Concen: 30.489 ug/l
 RT: 9.06 min Scan# 775
 Delta R.T. -0.04 min
 Lab File: VD063544.D
 Acq: 13 Aug 2019 22:59

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 88 Resp: 208
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.9 34.3#
 58 0.0 40.1 60.1#

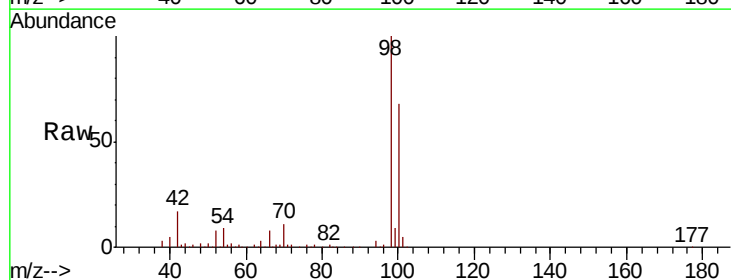


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

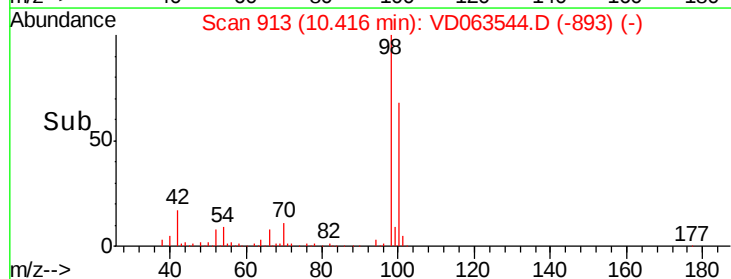
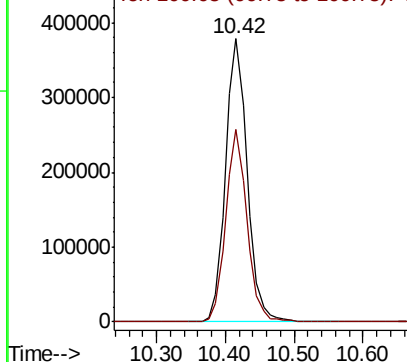


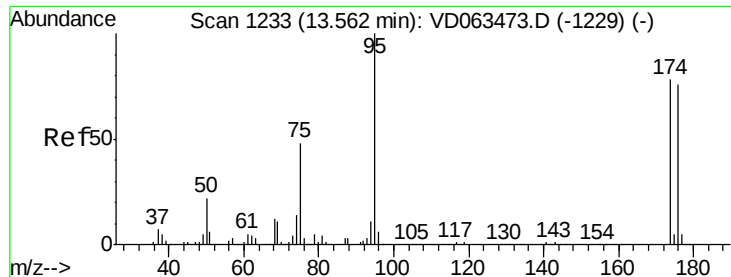
#50
 Toluene-d8
 Concen: 38.004 ug/l
 RT: 10.42 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD063544.D
 Acq: 13 Aug 2019 22:59

Tgt Ion: 98 Resp: 826434
 Ion Ratio Lower Upper
 98 100
 100 68.2 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: 26.769 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063544.D

Acq: 13 Aug 2019 22:59

Instrument :

MSVOA_D

ClientSampleId :

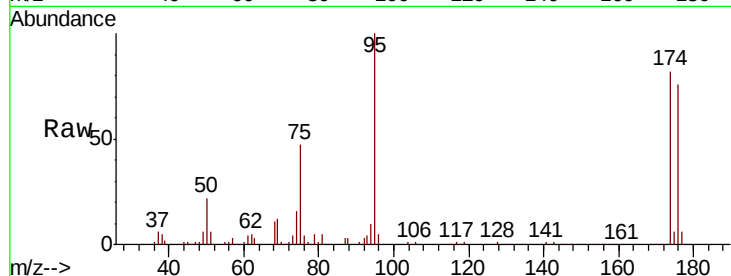
Tot Ion: 95 Resp: 263840

Ion Ratio Lower Upper

95 100

174 81.7 0.0 155.4

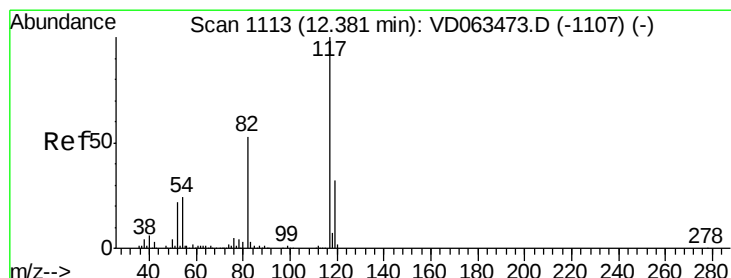
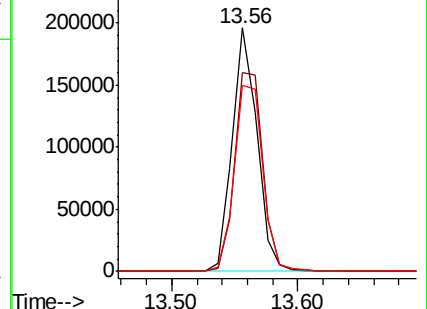
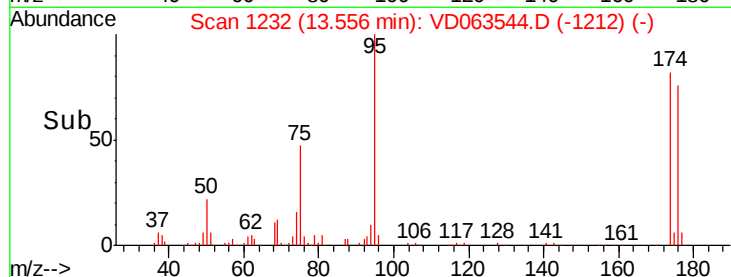
176 76.5 0.0 152.4



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: 12.37 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VD063544.D

Acq: 13 Aug 2019 22:59

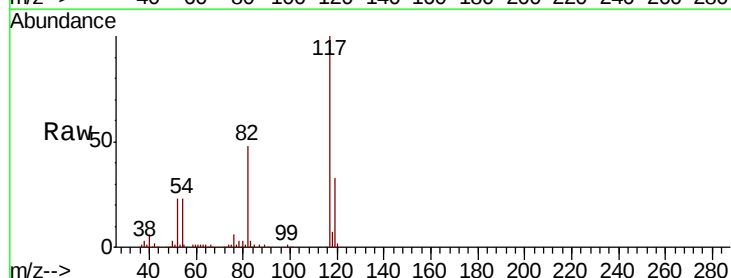
Tgt Ion: 117 Resp: 860105

Ion Ratio Lower Upper

117 100

82 48.4 42.0 63.0

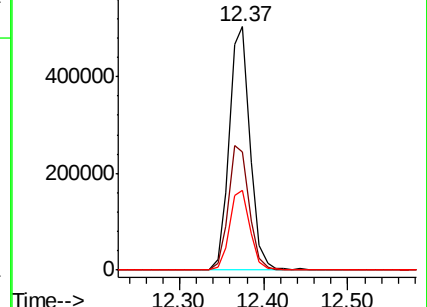
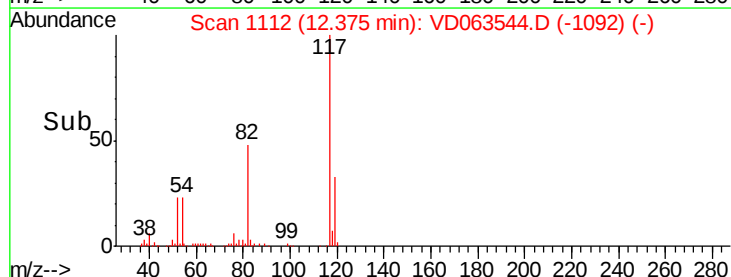
119 32.7 25.4 38.0

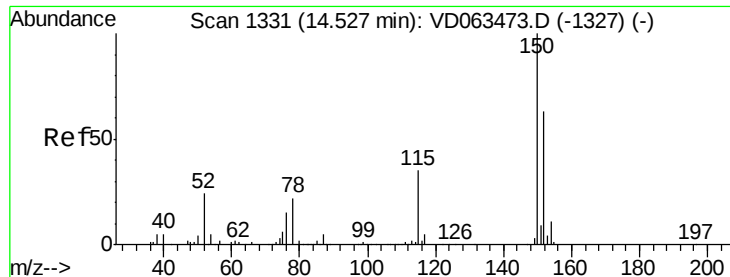


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



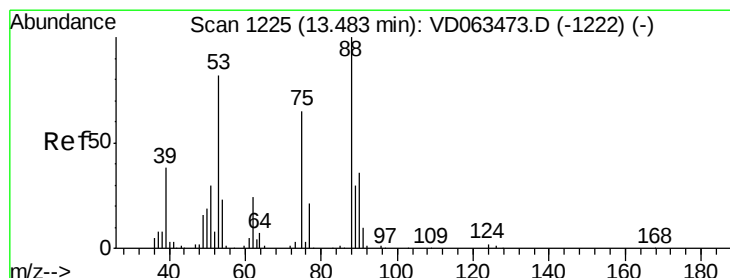
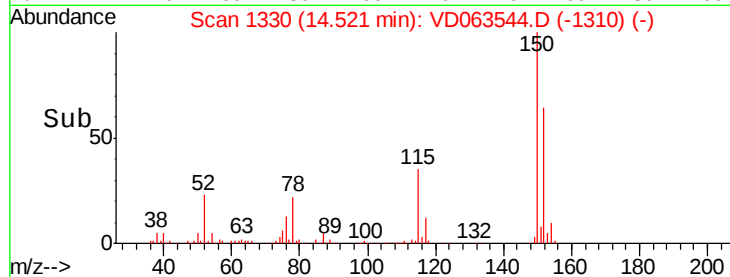
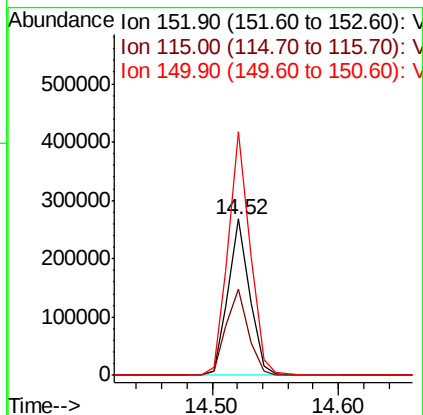
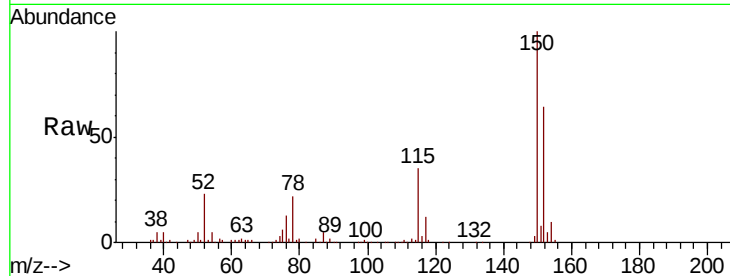


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063544.D
Acq: 13 Aug 2019 22:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 318031
Ion Ratio Lower Upper
152 100
115 55.2 30.9 92.7
150 155.6 0.0 318.6



#81

trans-1,4-Dichloro-2-butene
Concen: 125.092 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD063544.D
Acq: 13 Aug 2019 22:59

Tgt Ion: 75 Resp: 122716
Ion Ratio Lower Upper
75 100
53 0.0 101.0 151.4#
89 0.0 37.0 55.6#

