

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062800.D
 Acq On : 20 Jun 2019 18:04
 Operator : VA/AP
 Sample : K3159-07
 Misc : 6.92g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 21 06:36:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

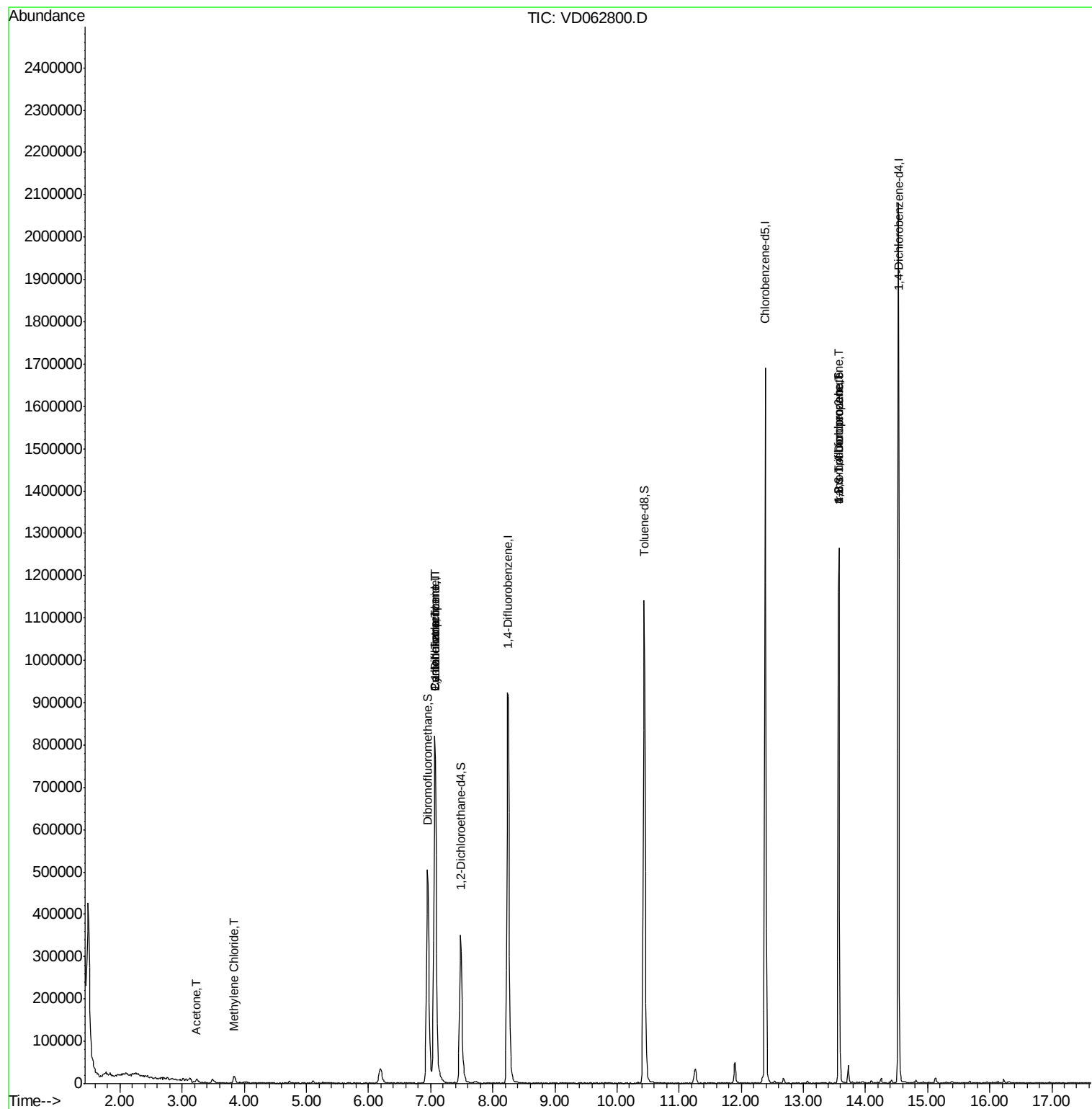
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	762273	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	985386	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	813858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	414212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	406864	49.10	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	6.95	113	438667	52.80	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.60%	
50) Toluene-d8	10.43	98	905941	50.10	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	13.57	95	378545	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						
					Qvalue	
16) Acetone	3.24	43	17278	3.382	ug/l #	83
20) Methylene Chloride	3.84	84	10535	1.667	ug/l #	92
31) Cyclohexane	7.07	56	17108	2.199	ug/l #	1
36) 1,1-Dichloropropene	7.08	75	60033	6.436	ug/l #	54
37) Ethyl Acetate	6.20	43	3205	Below Cal	#	30
38) Carbon Tetrachloride	7.08	117	77548	5.528	ug/l #	16
76) 1,2,3-Trichloropropane	13.57	75	158005	33.043	ug/l #	46
81) trans-1,4-Dichloro-2-buten	13.57	75	178105	142.117	ug/l #	2

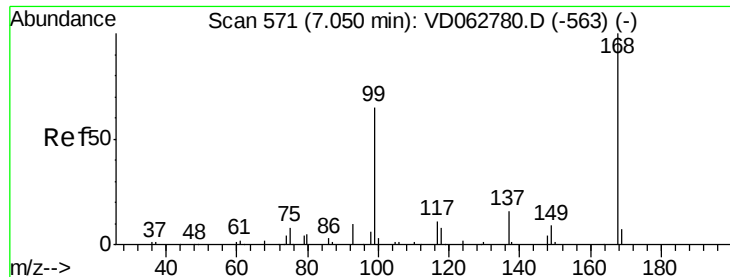
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062019\
Data File : VD062800.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD062800.D

Acq: 20 Jun 2019 18:04

Instrument :

MSVOA_D

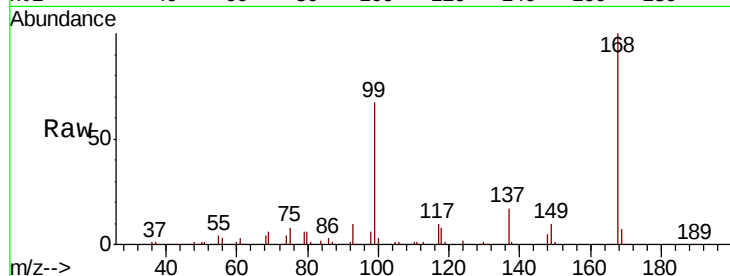
ClientSampled :

Tot Ion:168 Resp: 762273

Ion Ratio Lower Upper

168 100

99 66.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

150000

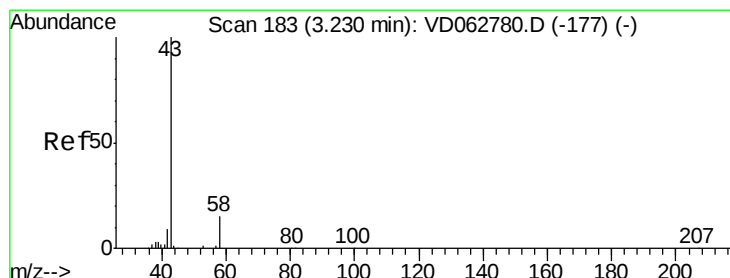
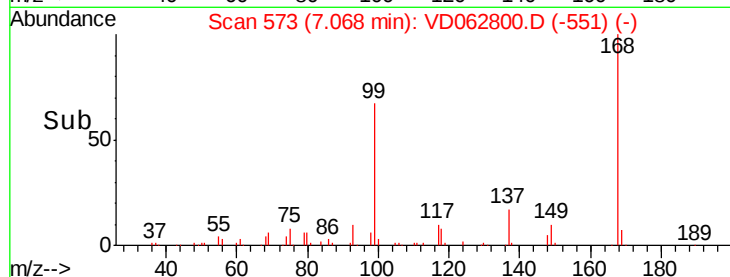
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 3.382 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD062800.D

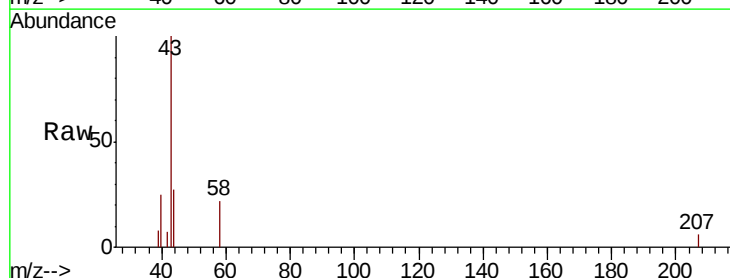
Acq: 20 Jun 2019 18:04

Tgt Ion: 43 Resp: 17278

Ion Ratio Lower Upper

43 100

58 22.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

6000

5000

4000

3000

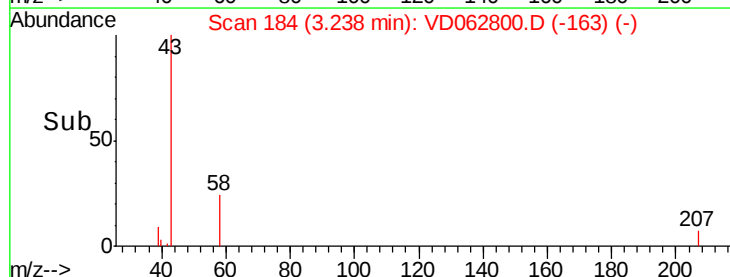
2000

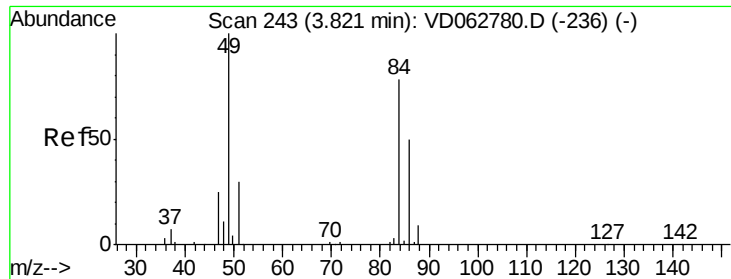
1000

0

Time-->

3.10 3.20 3.30

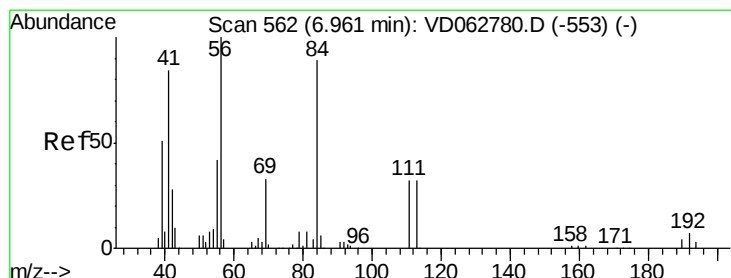
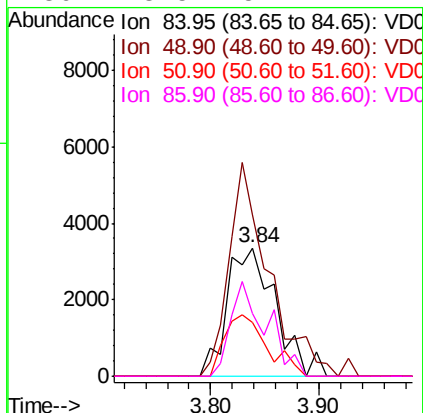
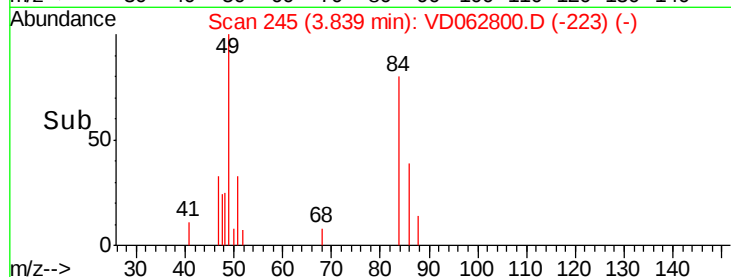
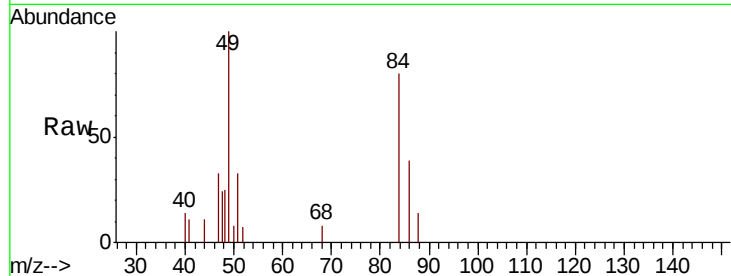




#20
Methvlene Chloride
Concen: 1.667 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD062800.D
Acq: 20 Jun 2019 18:04

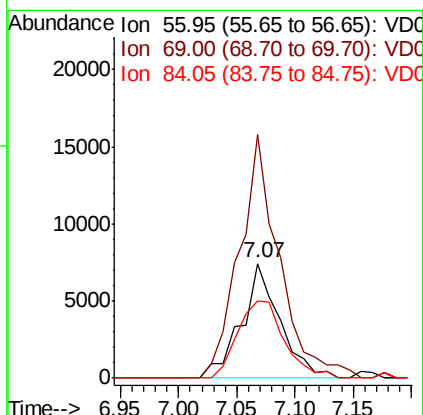
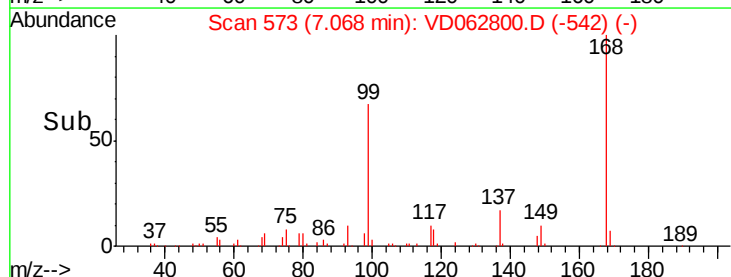
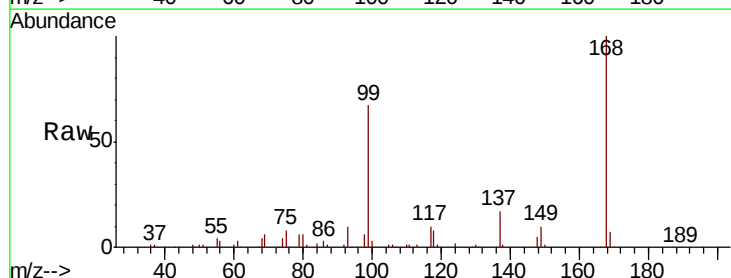
Instrument :
MSVOA_D
ClientSampleId :

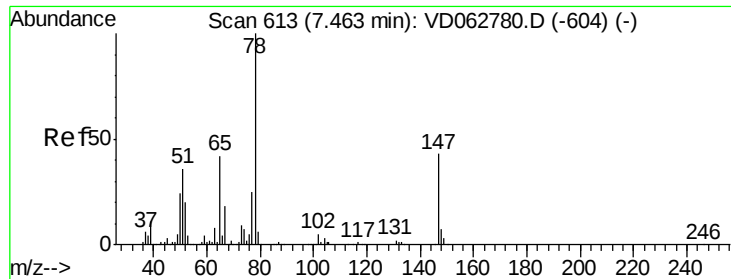
Tot Ion: 84 Resp: 10535
Ion Ratio Lower Upper
84 100
49 125.7 102.9 154.3
51 41.5 31.2 46.8
86 48.5 51.4 77.2#



#31
Cyclohexane
Concen: 2.199 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.11 min
Lab File: VD062800.D
Acq: 20 Jun 2019 18:04

Tgt Ion: 56 Resp: 17108
Ion Ratio Lower Upper
56 100
69 211.8 26.6 39.8#
84 66.7 75.5 113.3#





#33

1,2-Dichloroethane-d4

Concen: 49.104 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD062800.D

Acq: 20 Jun 2019 18:04

Instrument :

MSVOA_D

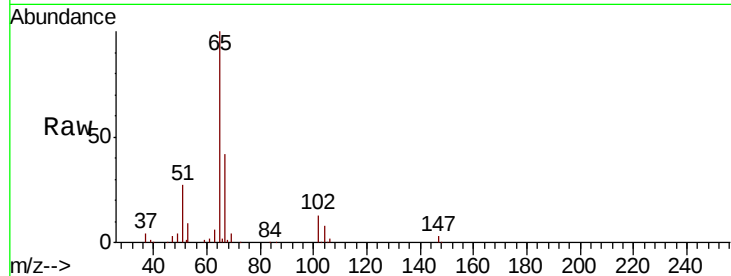
ClientSampleId :

Tot Ion: 65 Resp: 406864

Ion Ratio Lower Upper

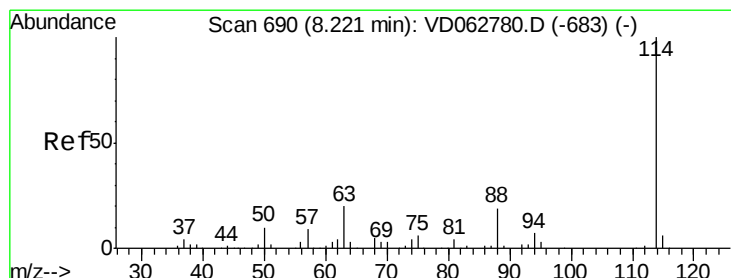
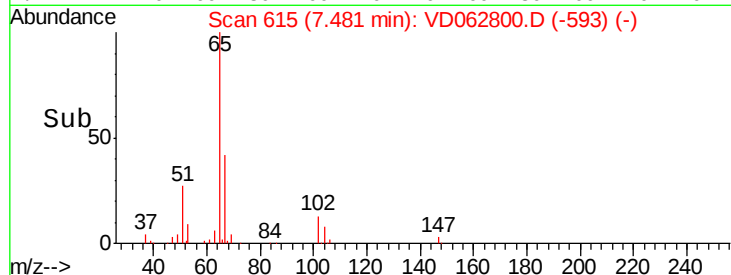
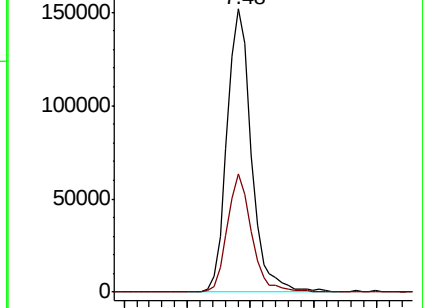
65 100

67 41.6 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): V

Ion 66.90 (66.60 to 67.60): V



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.02 min

Lab File: VD062800.D

Acq: 20 Jun 2019 18:04

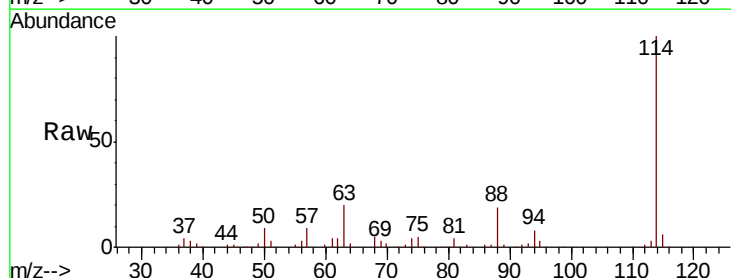
Tgt Ion: 114 Resp: 985386

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

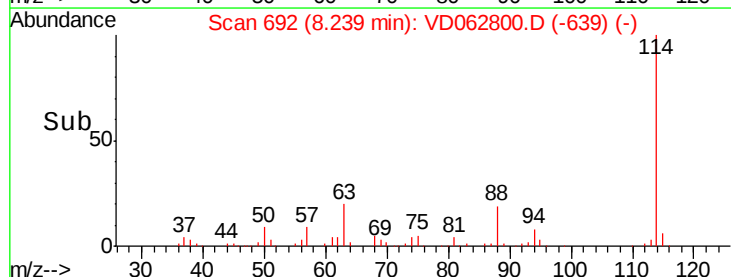
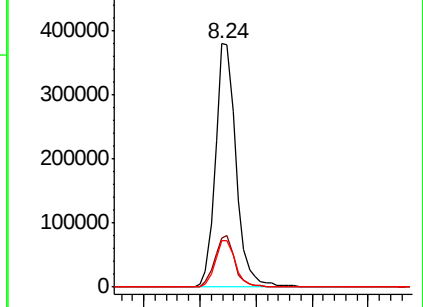
88 18.9 0.0 38.8

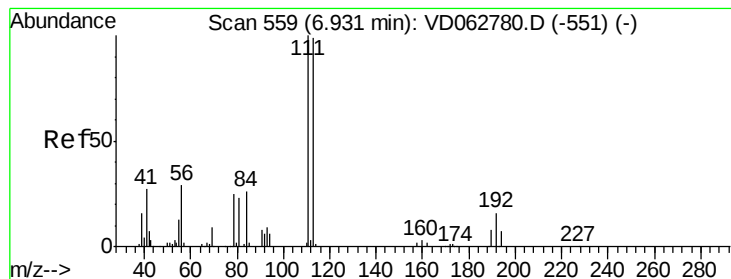


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V





#35

Dibromofluoromethane

Concen: 52.796 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD062800.D

Acq: 20 Jun 2019 18:04

Instrument :

MSVOA_D

ClientSampleId :

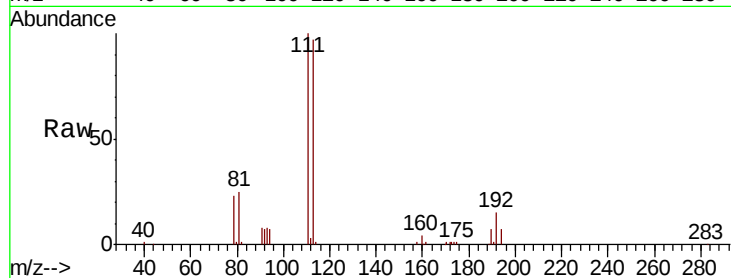
Tot Ion:113 Resp: 438667

Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

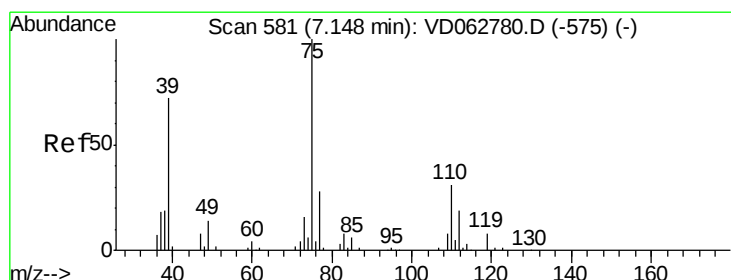
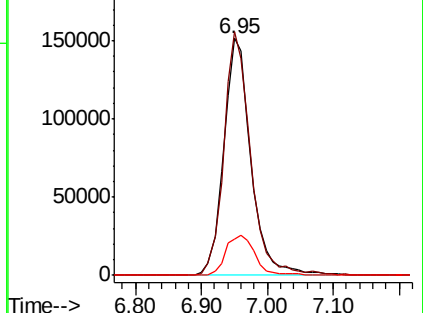
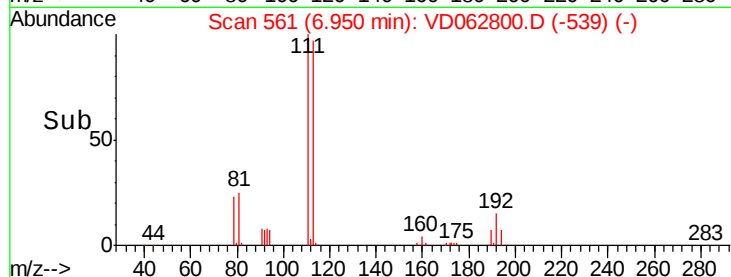
192 15.4 12.9 19.3



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: 6.436 ug/l

RT: 7.08 min Scan# 574

Delta R.T. -0.07 min

Lab File: VD062800.D

Acq: 20 Jun 2019 18:04

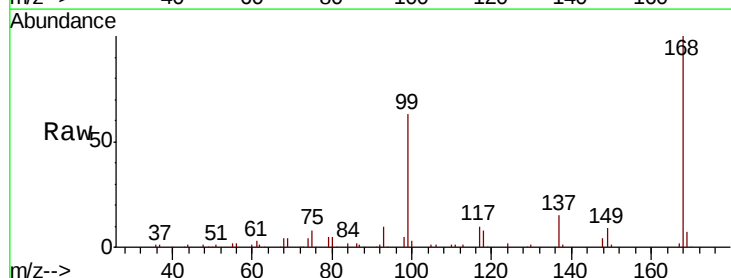
Tgt Ion: 75 Resp: 60033

Ion Ratio Lower Upper

75 100

110 8.5 15.0 45.1#

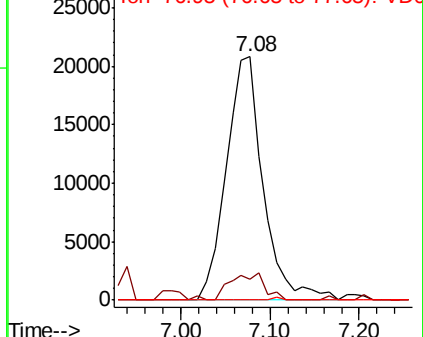
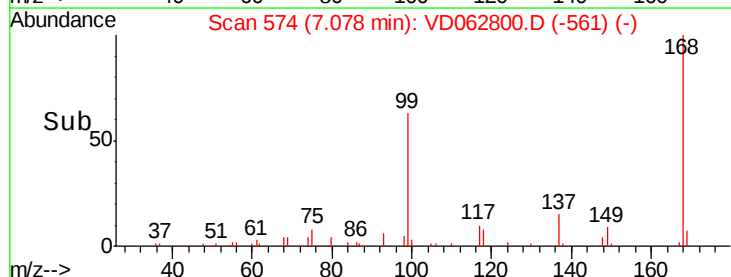
77 0.0 22.2 33.2#

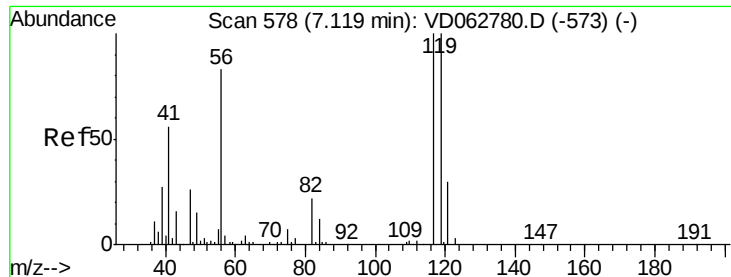


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 5.528 ug/l

RT: 7.08 min Scan# 574

Delta R.T. -0.04 min

Lab File: VD062800.D

Acq: 20 Jun 2019 18:04

Instrument :
MSVOA_D
ClientSampleId :

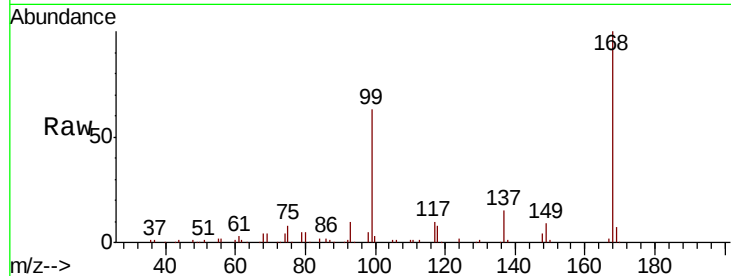
Tot Ion:117 Resp: 77548

Ion Ratio Lower Upper

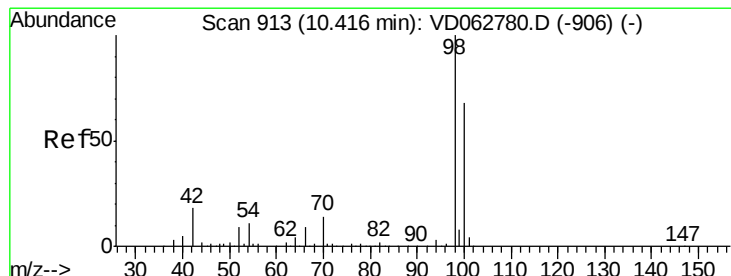
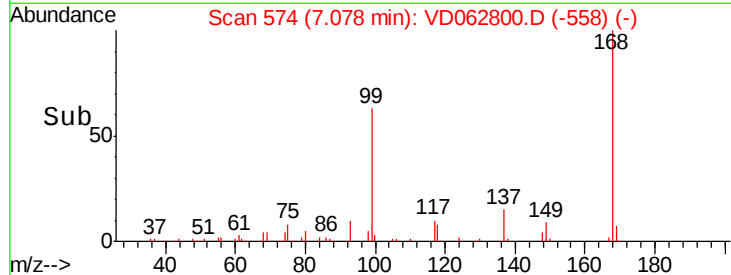
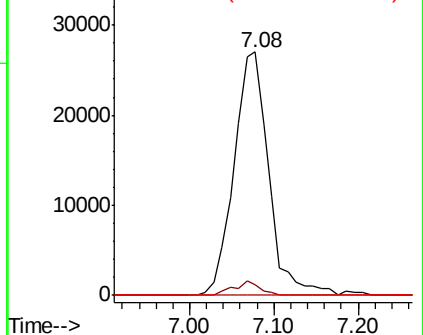
117 100

119 4.5 75.4 113.2#

121 0.0 22.3 33.5#



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



#50

Toluene-d8

Concen: 50.097 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.02 min

Lab File: VD062800.D

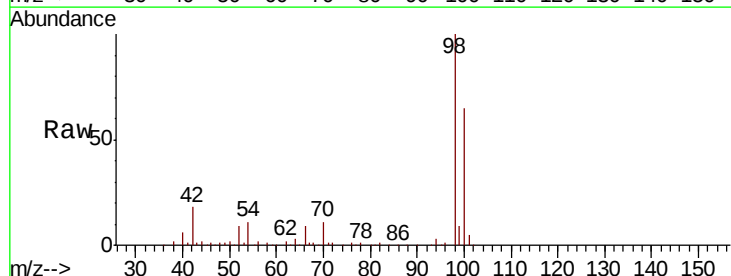
Acq: 20 Jun 2019 18:04

Tgt Ion: 98 Resp: 905941

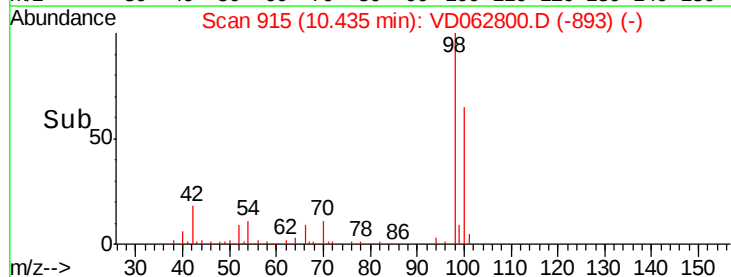
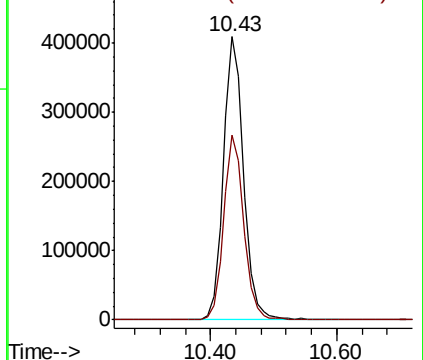
Ion Ratio Lower Upper

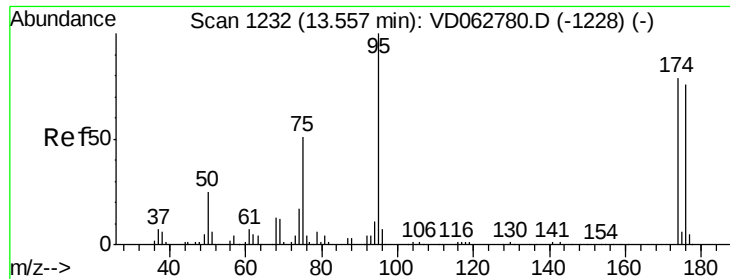
98 100

100 65.3 54.7 82.1



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





#62

4-Bromofluorobenzene

Concen: 46.036 ug/l

RT: 13.57 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062800.D

Acq: 20 Jun 2019 18:04

Instrument :

MSVOA_D

ClientSampleId :

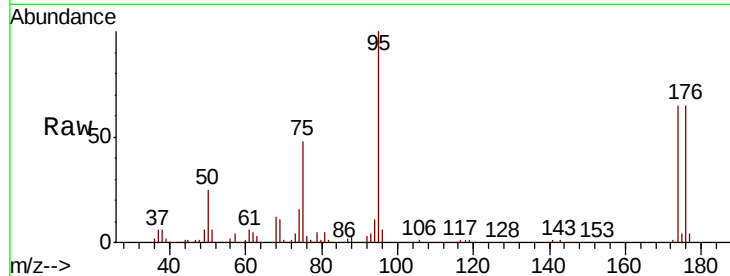
Tot Ion: 95 Resp: 378545

Ion Ratio Lower Upper

95 100

174 64.7 0.0 158.0

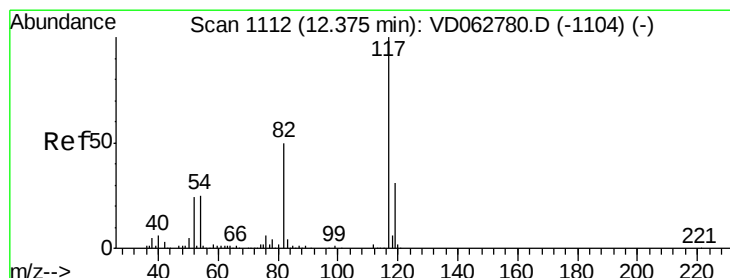
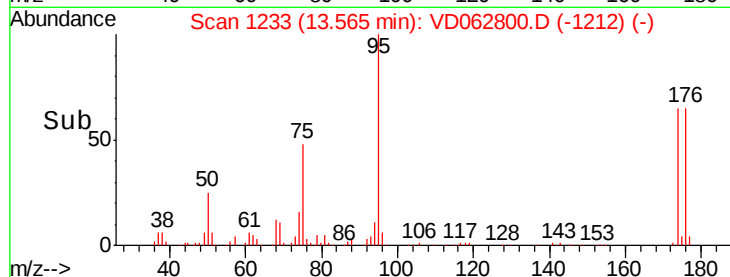
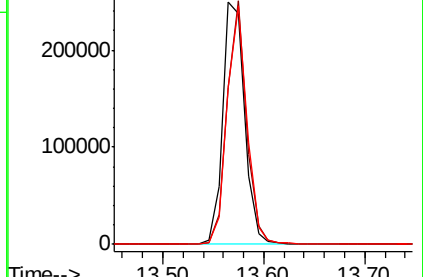
176 64.6 0.0 151.6



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: 12.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VD062800.D

Acq: 20 Jun 2019 18:04

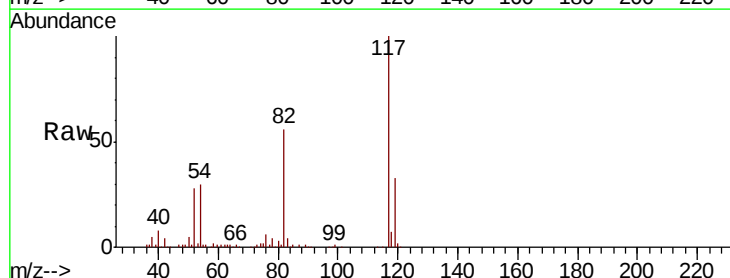
Tgt Ion: 117 Resp: 813858

Ion Ratio Lower Upper

117 100

82 56.3 40.4 60.6

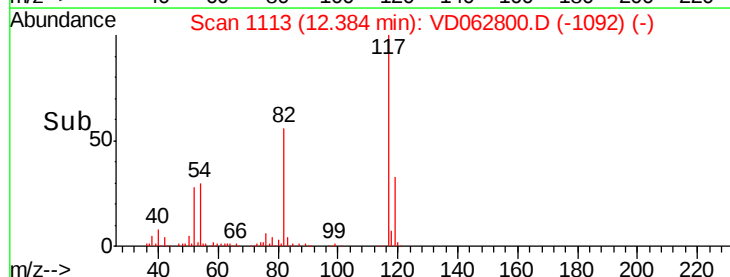
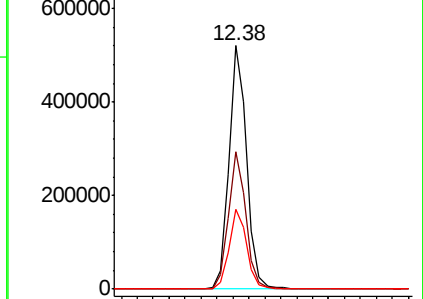
119 32.9 25.2 37.8

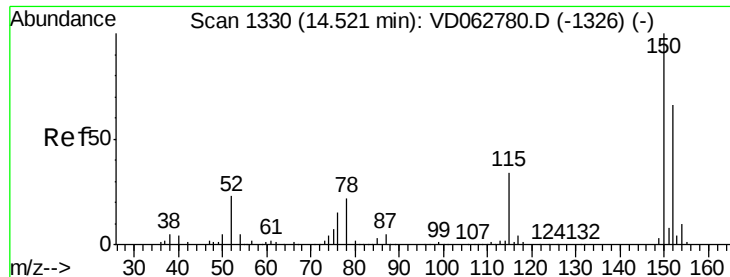


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



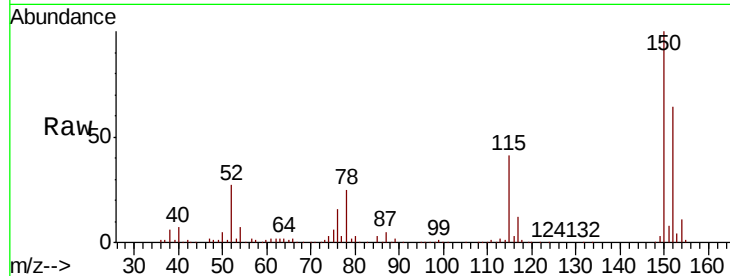


#72

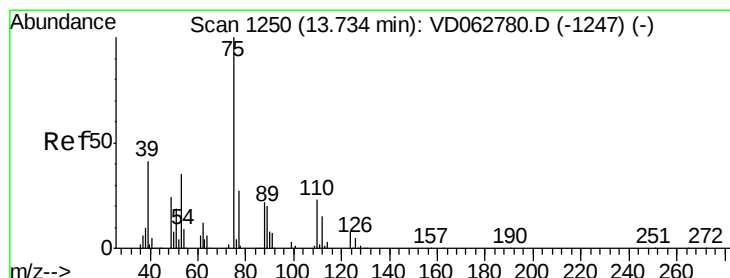
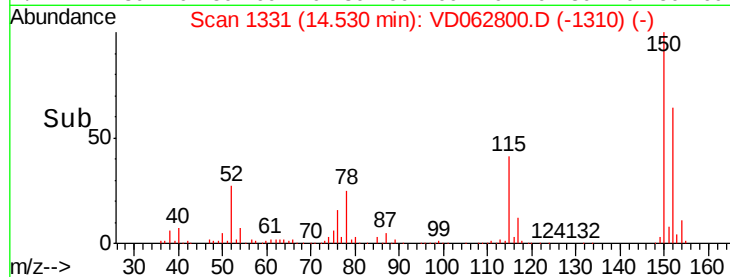
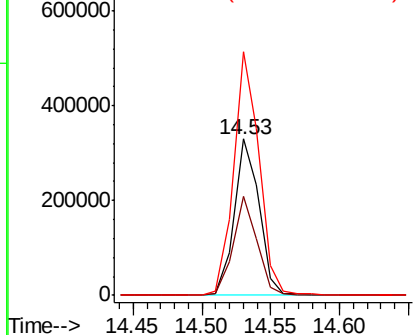
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062800.D
Acq: 20 Jun 2019 18:04

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 414212
Ion Ratio Lower Upper
152 100
115 63.4 29.2 87.6
150 156.1 0.0 305.8



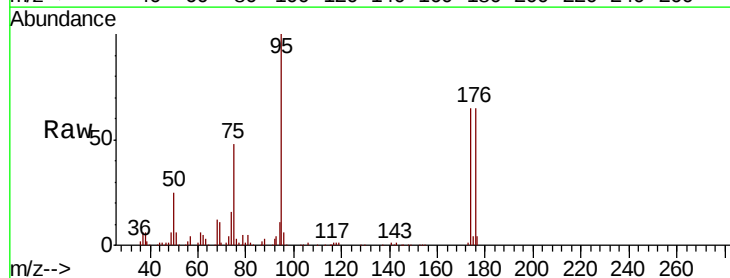
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



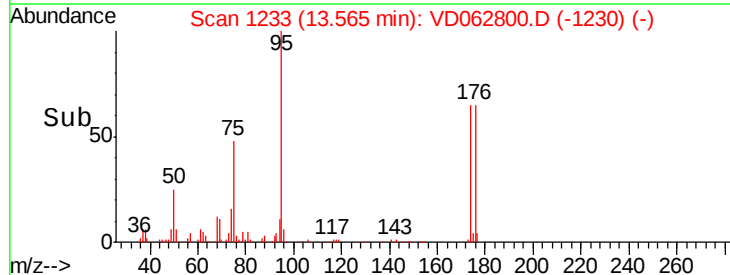
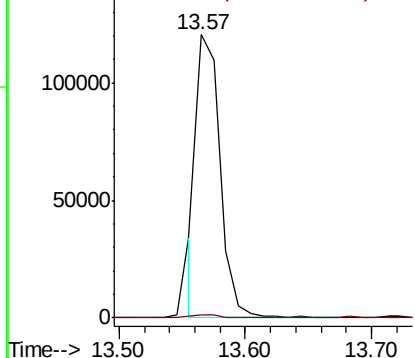
#76

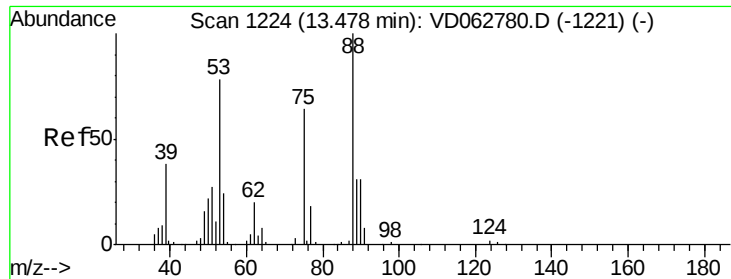
1,2,3-Trichloropropane
Concen: 33.043 ug/l
RT: 13.57 min Scan# 1233
Delta R.T. -0.17 min
Lab File: VD062800.D
Acq: 20 Jun 2019 18:04

Tgt Ion: 75 Resp: 158005
Ion Ratio Lower Upper
75 100
77 1.0 15.0 45.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 142.117 ug/l

RT: 13.57 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062800.D

Acq: 20 Jun 2019 18:04

Instrument :

MSVOA_D

ClientSampleId :

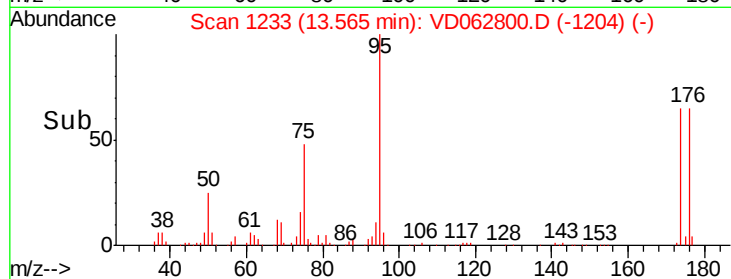
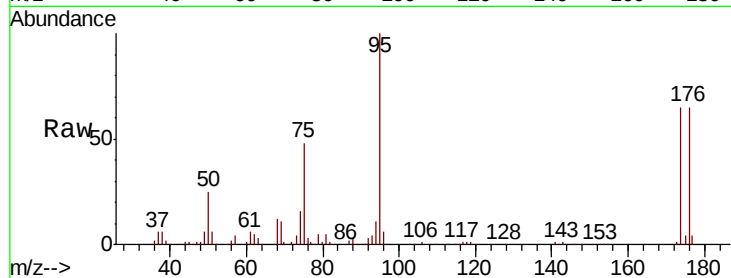
Tot Ion: 75 Resp: 178105

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#



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

