

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062856.D
 Acq On : 25 Jun 2019 00:43
 Operator : VA/AP
 Sample : VD0624SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBL02

Quant Time: Jun 25 05:07:07 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

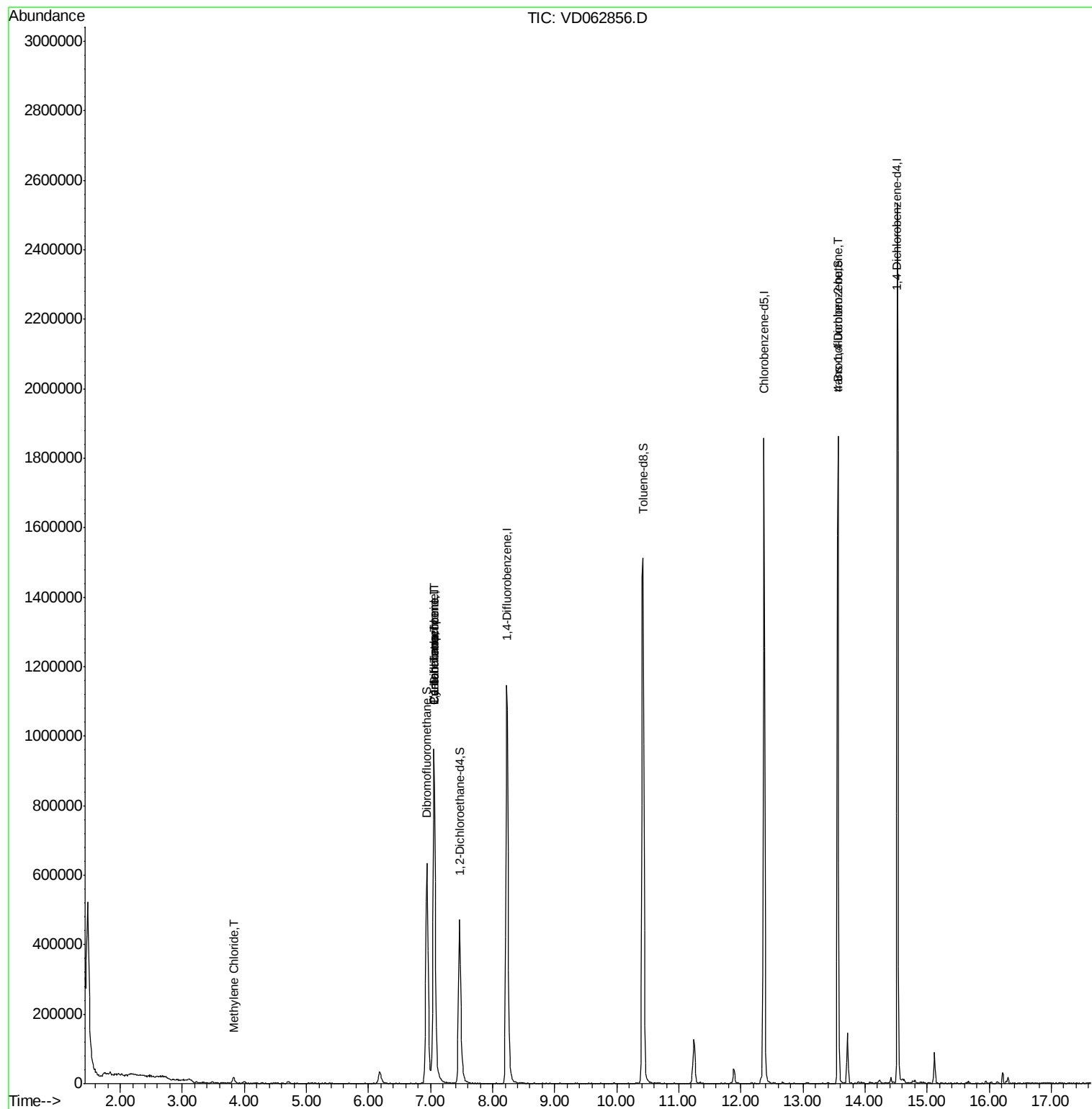
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	922312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1278355	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1021369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	540163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	526106	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	6.94	113	557556	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	10.42	98	1249563	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
62) 4-Bromofluorobenzene	13.56	95	540833	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
Target Compounds						
16) Acetone	3.23	43	3271	Below Cal	#	90
20) Methylene Chloride	3.83	84	10498	1.373	ug/l	86
31) Cyclohexane	7.05	56	21249	2.257	ug/l #	17
36) 1,1-Dichloropropene	7.07	75	72491	5.990	ug/l #	53
37) Ethyl Acetate	6.19	43	3341	Below Cal	#	53
38) Carbon Tetrachloride	7.06	117	91365	5.020	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.56	75	247218	151.268	ug/l #	2

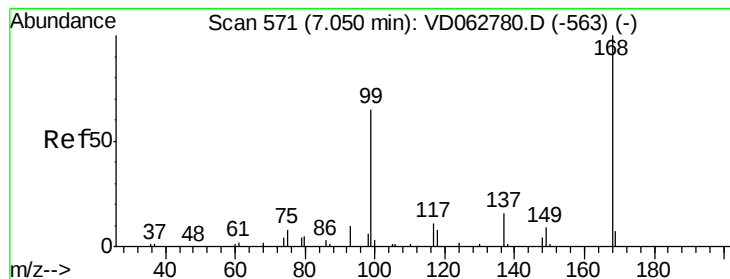
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062856.D
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Quant Time: Jun 25 05:07:07 2019
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: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062856.D

Acq: 25 Jun 2019 00:43

Instrument :

MSVOA_D

ClientSampleId :

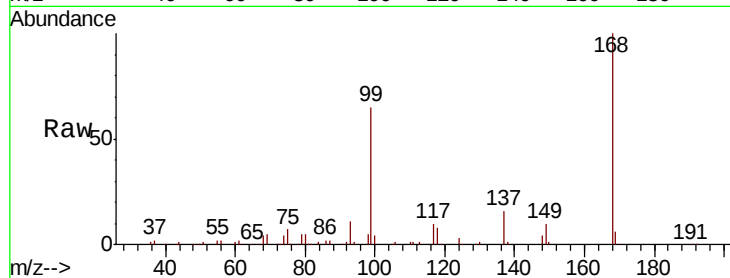
VD0624SBL02

Tot Ion:168 Resp: 922312

Ion Ratio Lower Upper

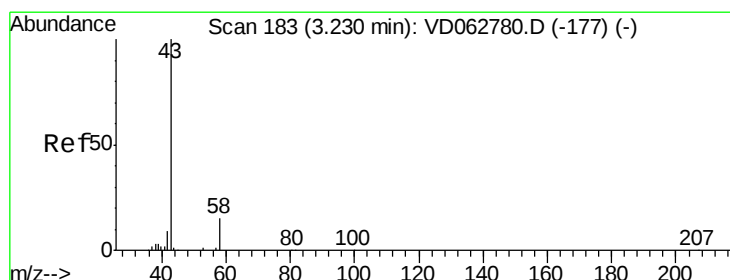
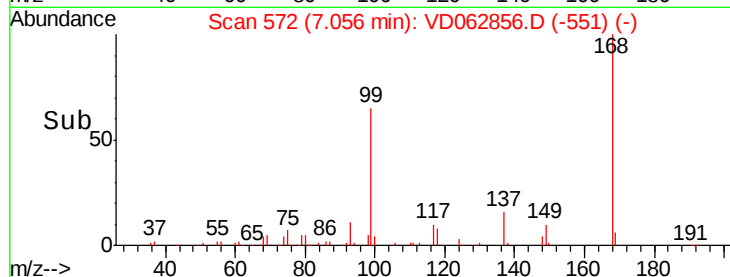
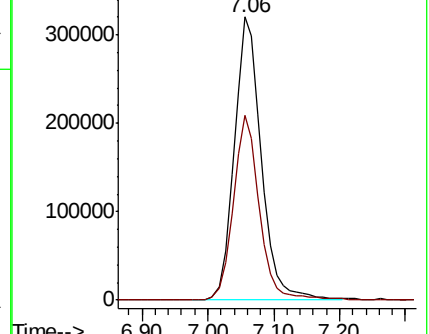
168 100

99 65.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: Below Cal

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062856.D

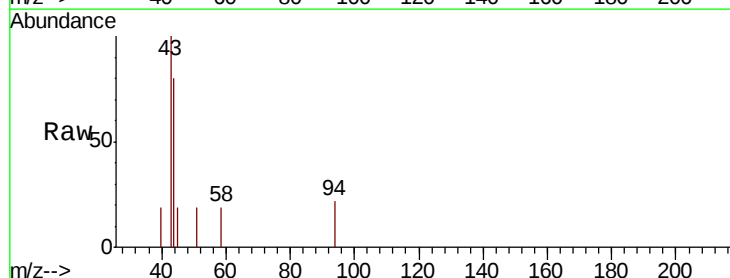
Acq: 25 Jun 2019 00:43

Tgt Ion: 43 Resp: 3271

Ion Ratio Lower Upper

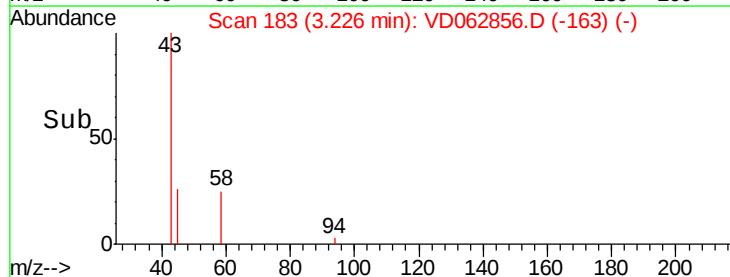
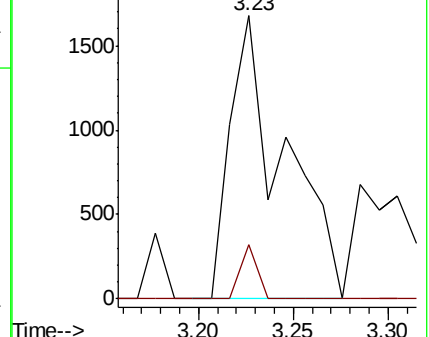
43 100

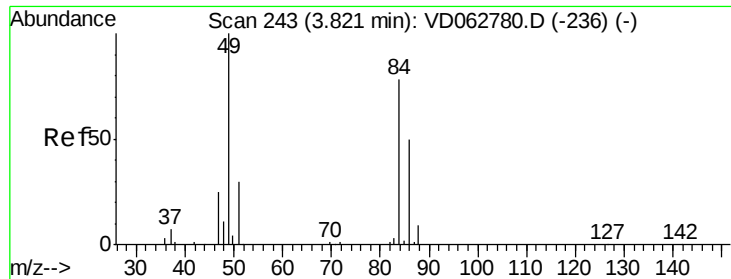
58 19.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

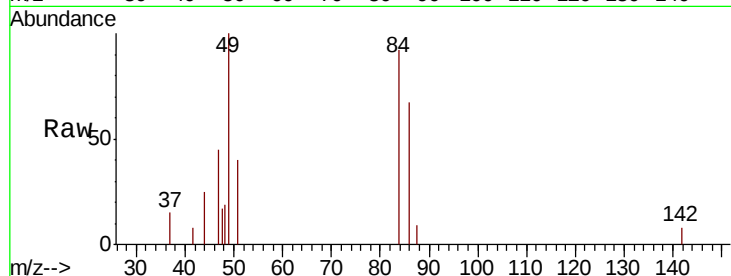




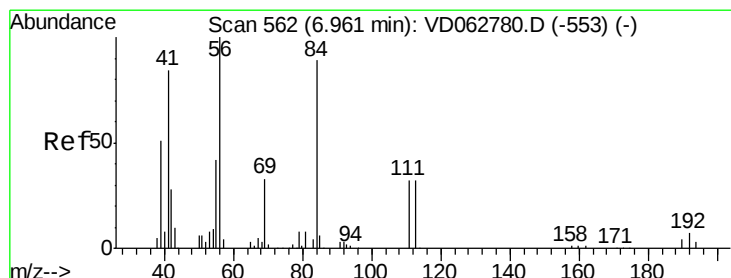
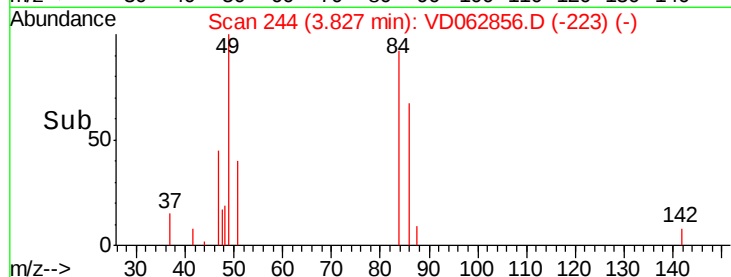
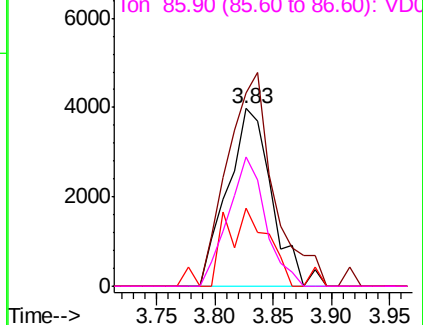
#20
Methylene Chloride
Concen: 1.373 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD062856.D
Acq: 25 Jun 2019 00:43

Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL02

Tot Ion: 84 Resp: 10498
Ion Ratio Lower Upper
84 100
49 108.7 102.9 154.3
51 43.7 31.2 46.8
86 72.9 51.4 77.2

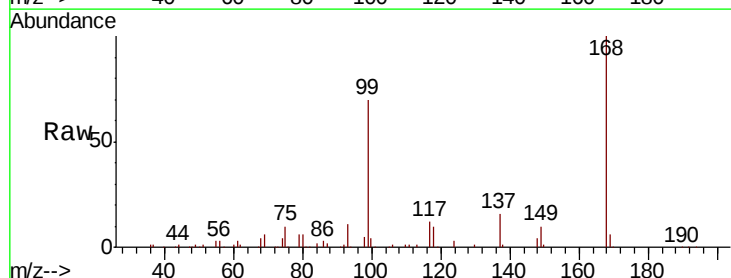


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

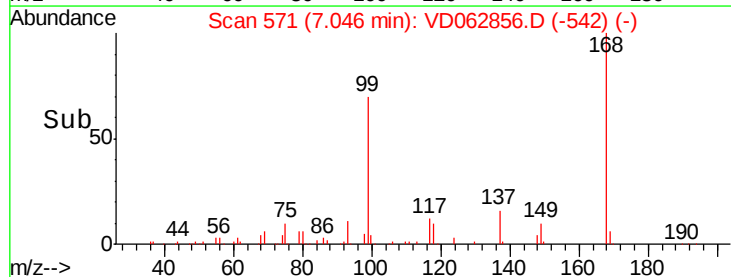
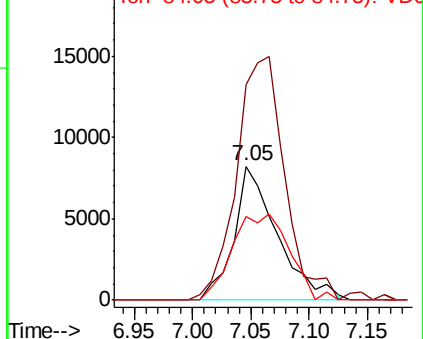


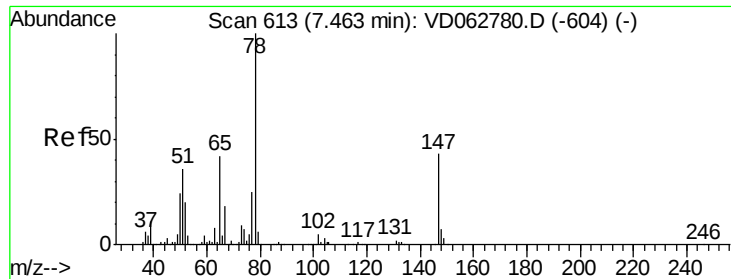
#31
Cyclohexane
Concen: 2.257 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD062856.D
Acq: 25 Jun 2019 00:43

Tgt Ion: 56 Resp: 21249
Ion Ratio Lower Upper
56 100
69 160.8 26.6 39.8#
84 62.5 75.5 113.3#



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: 52.477 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062856.D

Acq: 25 Jun 2019 00:43

Instrument :

MSVOA_D

ClientSampleId :

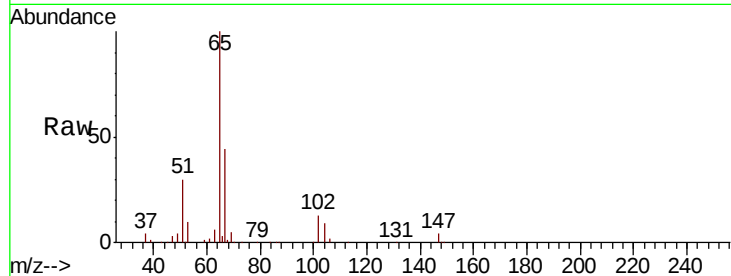
VD0624SBL02

Tot Ion: 65 Resp: 526106

Ion Ratio Lower Upper

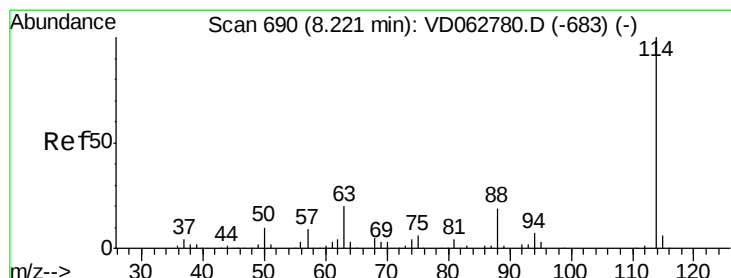
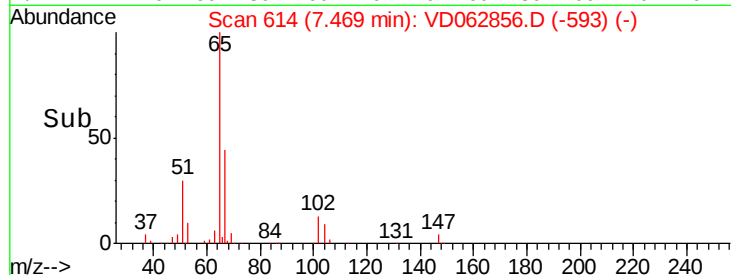
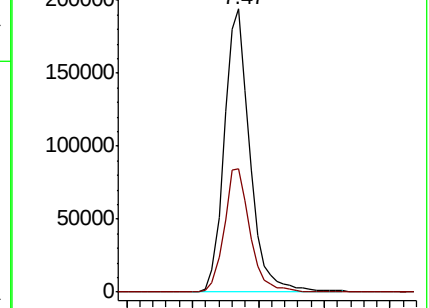
65 100

67 43.6 0.0 87.4



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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062856.D

Acq: 25 Jun 2019 00:43

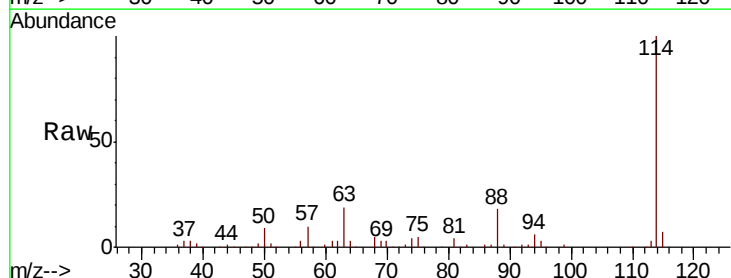
Tgt Ion: 114 Resp: 1278355

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

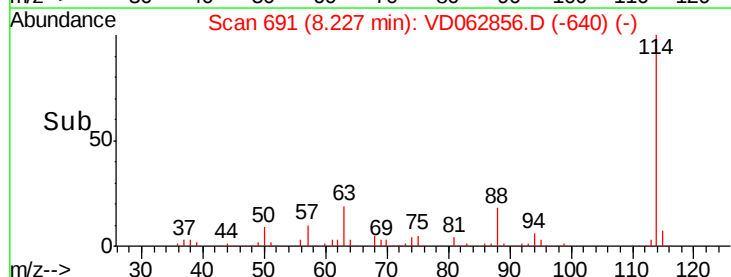
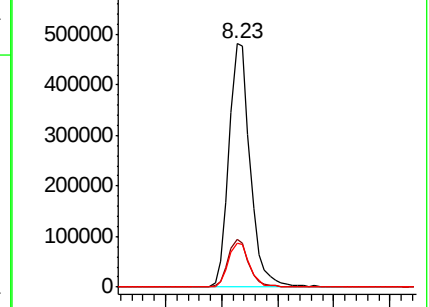
88 18.0 0.0 38.8

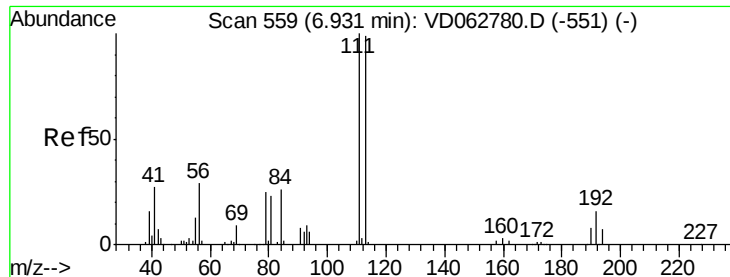


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

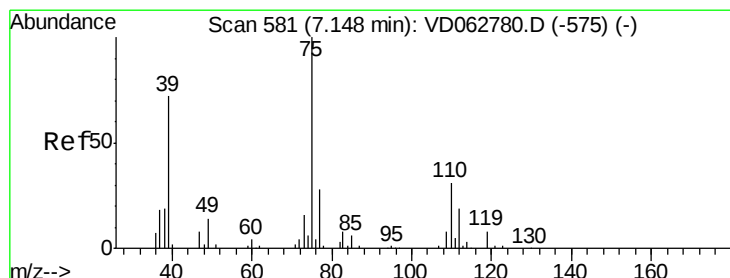
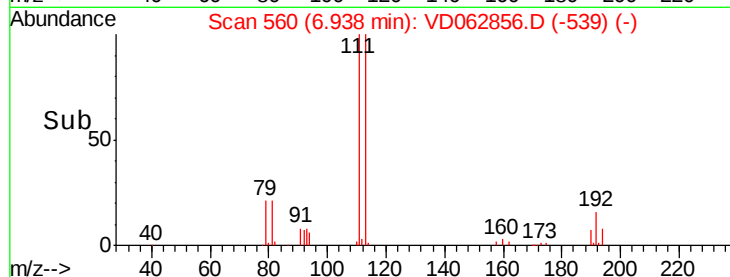
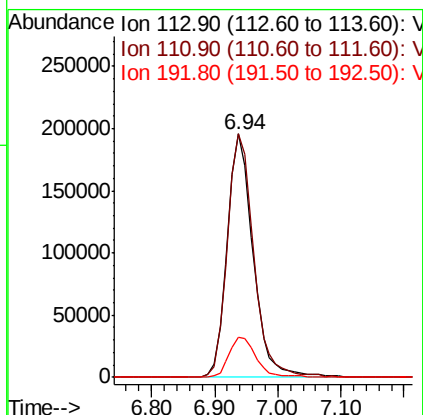
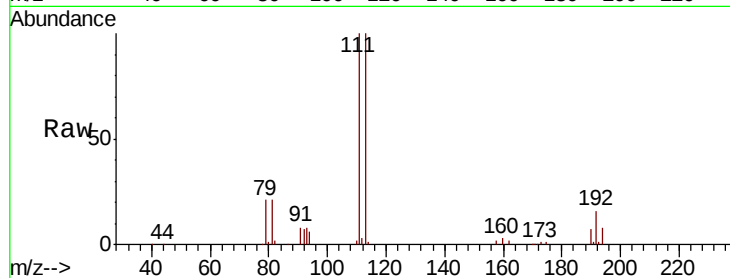




#35
 Dibromofluoromethane
 Concen: 51.726 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062856.D
 Acq: 25 Jun 2019 00:43

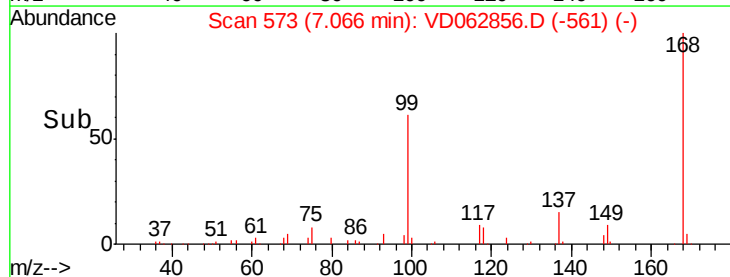
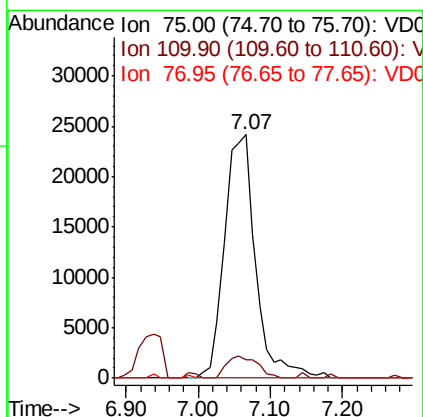
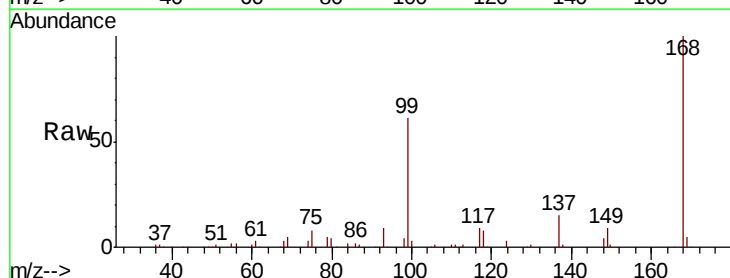
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBL02

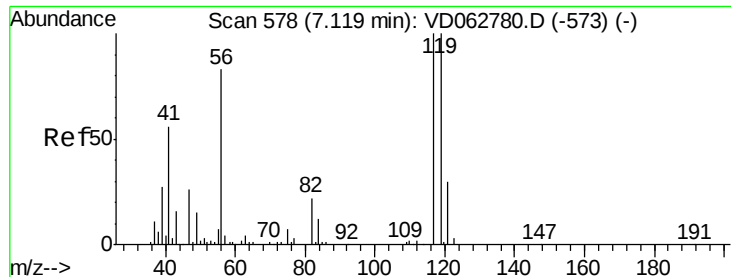
Tot Ion:113 Resp: 557556
 Ion Ratio Lower Upper
 113 100
 111 99.8 81.2 121.8
 192 16.3 12.9 19.3



#36
 1,1-Dichloropropene
 Concen: 5.990 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.08 min
 Lab File: VD062856.D
 Acq: 25 Jun 2019 00:43

Tgt Ion: 75 Resp: 72491
 Ion Ratio Lower Upper
 75 100
 110 7.8 15.0 45.1#
 77 0.0 22.2 33.2#

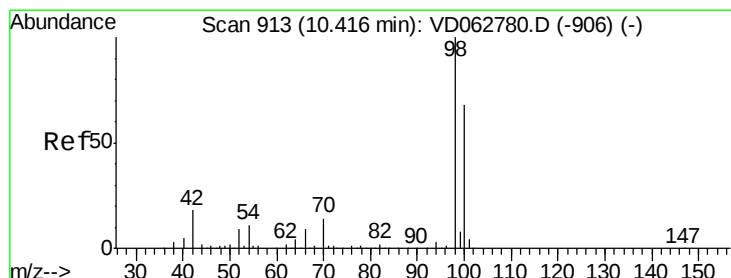
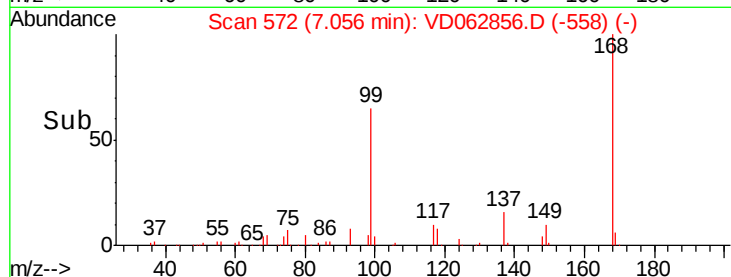
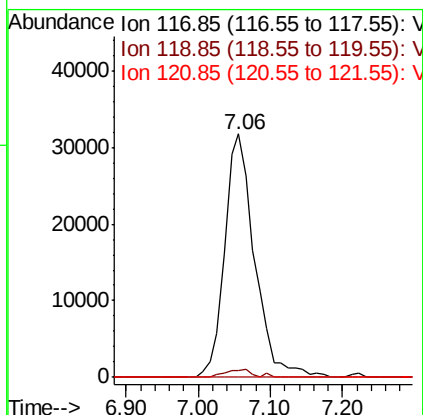
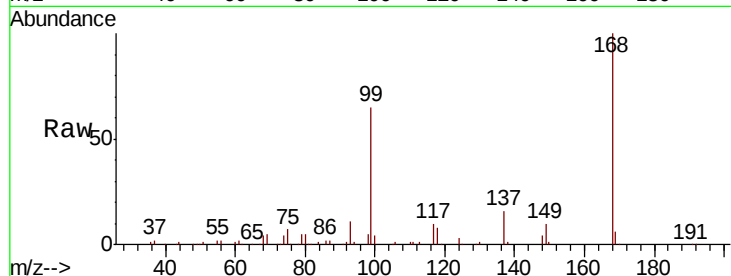




#38
Carbon Tetrachloride
Concen: 5.020 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.06 min
Lab File: VD062856.D
Acq: 25 Jun 2019 00:43

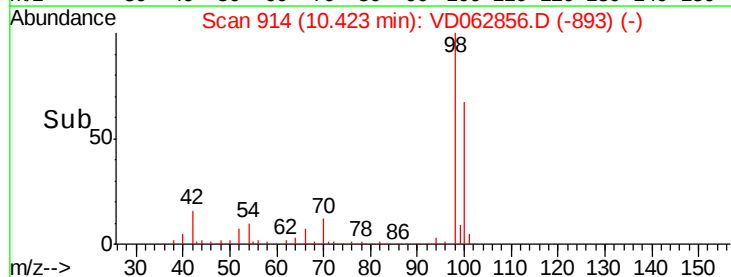
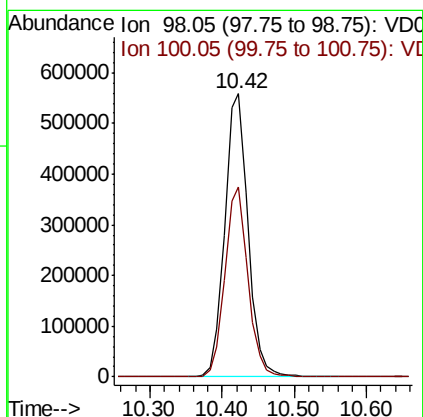
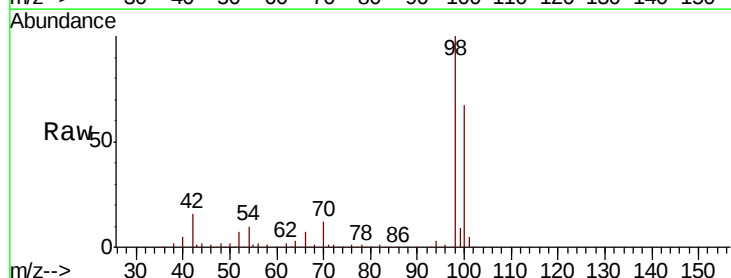
Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL02

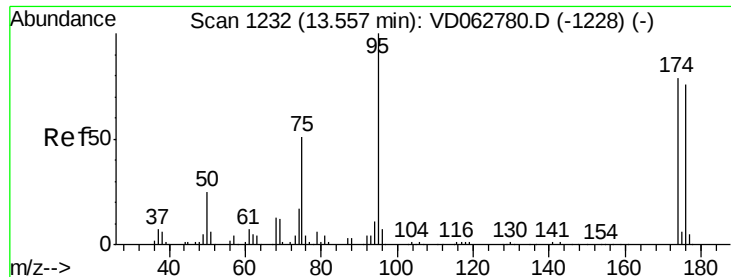
Tot Ion:117 Resp: 91365
Ion Ratio Lower Upper
117 100
119 2.7 75.4 113.2#
121 0.0 22.3 33.5#



#50
Toluene-d8
Concen: 53.263 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062856.D
Acq: 25 Jun 2019 00:43

Tgt Ion: 98 Resp: 1249563
Ion Ratio Lower Upper
98 100
100 67.3 54.7 82.1





#62

4-Bromofluorobenzene

Concen: 50.699 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062856.D

Acq: 25 Jun 2019 00:43

Instrument :

MSVOA_D

ClientSampleId :

VD0624SBL02

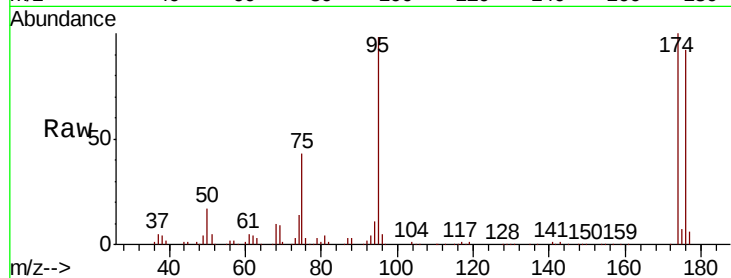
Tot Ion: 95 Resp: 540833

Ion Ratio Lower Upper

95 100

174 101.8 0.0 158.0

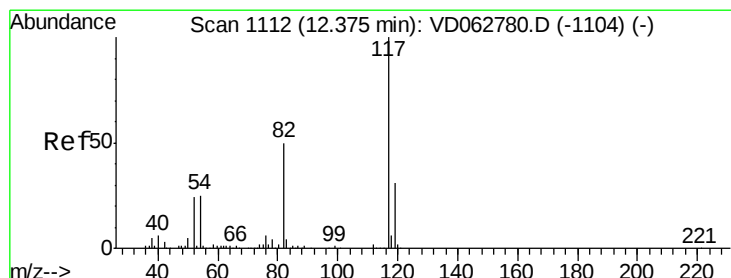
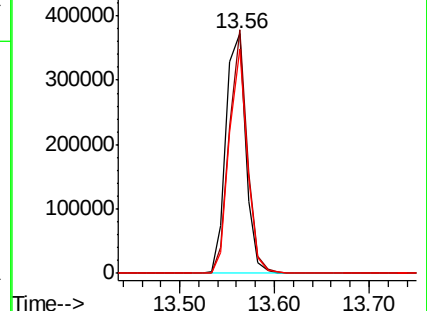
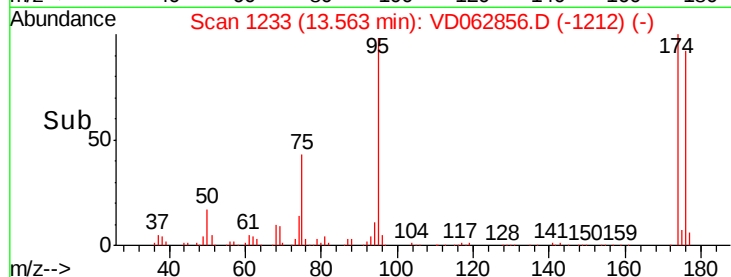
176 94.0 0.0 151.6



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: 12.37 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD062856.D

Acq: 25 Jun 2019 00:43

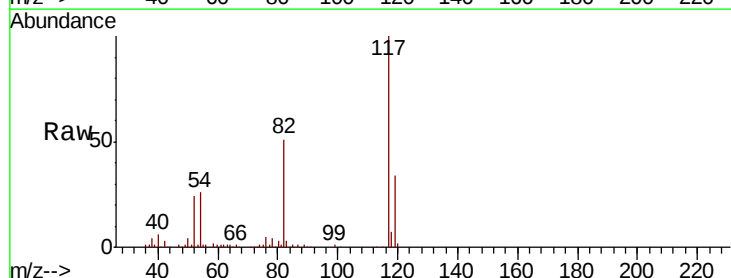
Tgt Ion: 117 Resp: 1021369

Ion Ratio Lower Upper

117 100

82 51.0 40.4 60.6

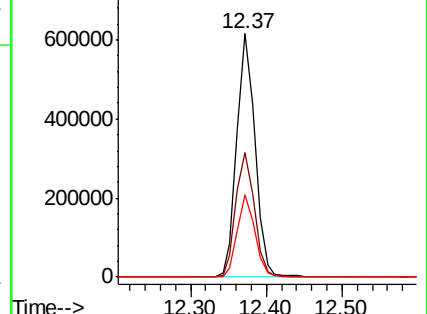
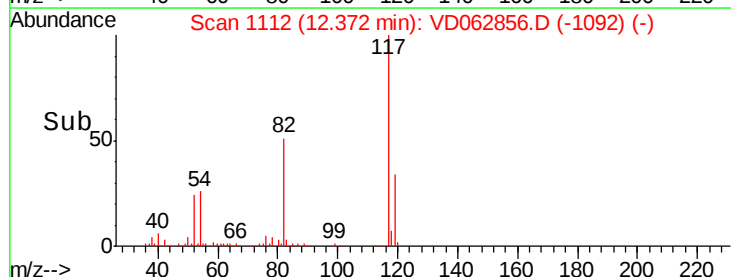
119 33.7 25.2 37.8

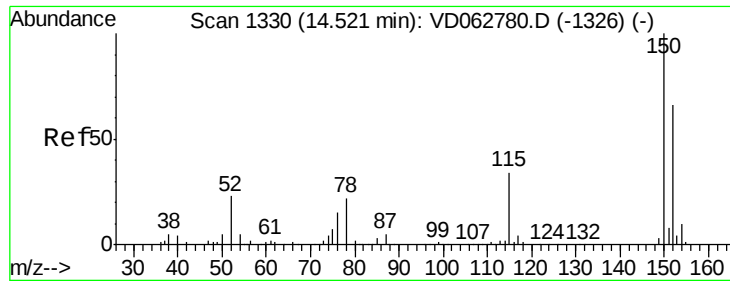


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062856.D

Acq: 25 Jun 2019 00:43

Instrument :

MSVOA_D

ClientSampleId :

VD0624SBL02

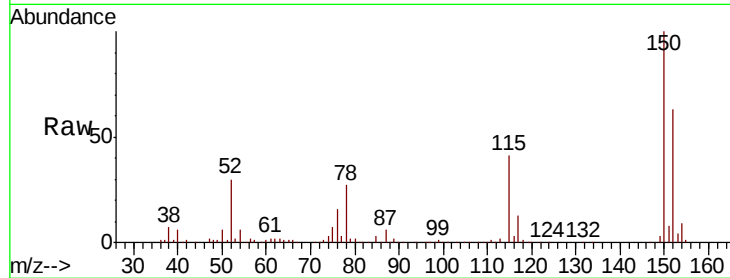
Tot Ion:152 Resp: 540163

Ion Ratio Lower Upper

152 100

115 65.0 29.2 87.6

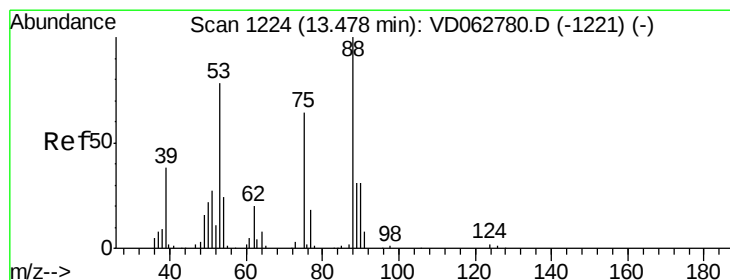
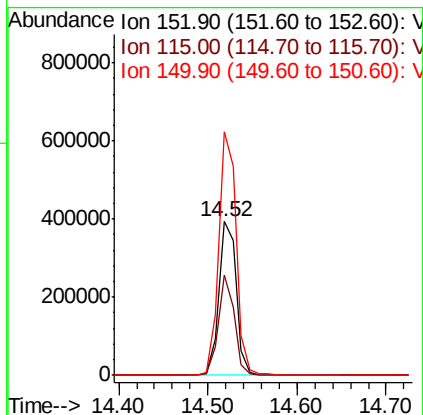
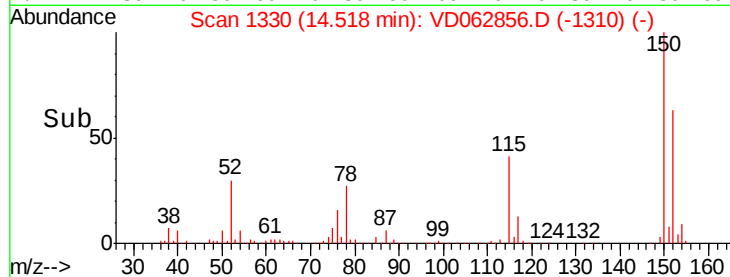
150 158.6 0.0 305.8



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



#81

trans-1,4-Dichloro-2-butene

Concen: 151.268 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062856.D

Acq: 25 Jun 2019 00:43

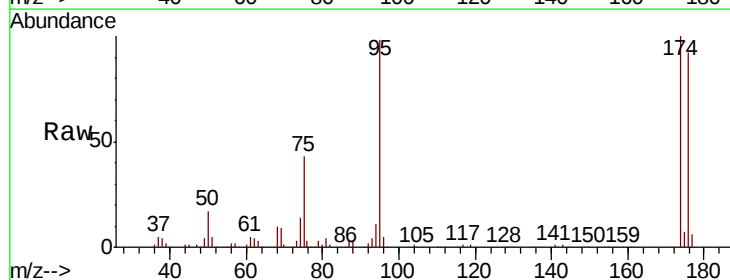
Tgt Ion: 75 Resp: 247218

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

