

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063605.D
 Acq On : 15 Aug 2019 15:06
 Operator : JC/SY
 Sample : K4257-01
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 15:50:36 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	1101820	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1483776	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1297797	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	581536	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	429070	36.43	ug/l	-0.03
Spiked Amount						
			Recovery	=		72.86%
35) Dibromofluoromethane	6.92	113	509365	40.76	ug/l	-0.02
Spiked Amount						
			Recovery	=		81.52%
50) Toluene-d8	10.40	98	1111422	40.45	ug/l	-0.02
Spiked Amount						
			Recovery	=		80.90%
62) 4-Bromofluorobenzene	13.55	95	477262	38.33	ug/l	-0.01
Spiked Amount						
			Recovery	=		76.66%

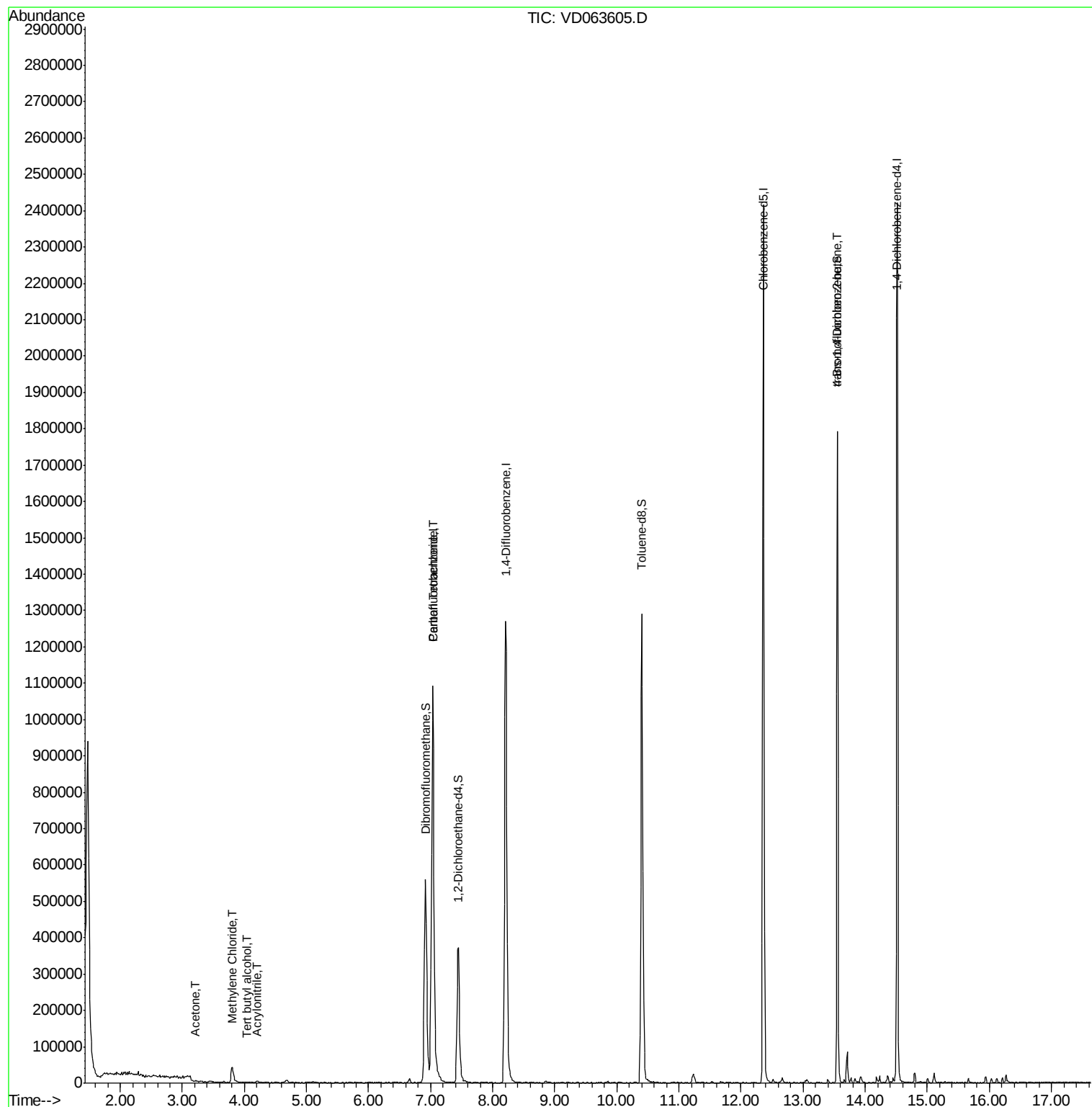
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.05	59	659	1.285	ug/l #	71
15) Acrylonitrile	4.20	53	1536	1.131	ug/l #	11
16) Acetone	3.22	43	3948	1.649	ug/l #	65
20) Methylene Chloride	3.81	84	27783	2.684	ug/l #	93
38) Carbon Tetrachloride	7.03	117	107819	5.454	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.55	75	217772	121.401	ug/l #	1

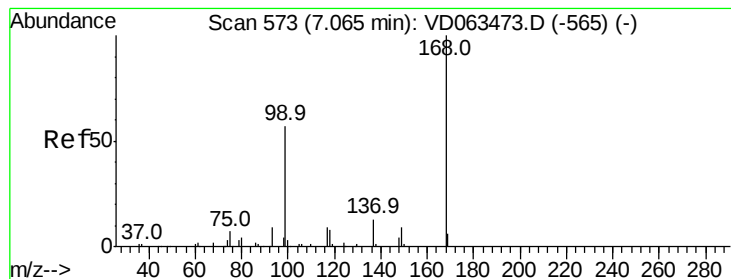
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081519\
Data File : VD063605.D
Acq On : 15 Aug 2019 15:06
Operator : JC/SY
Sample : K4257-01
Misc : 5.10g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 15 15:50:36 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: VD063605.D

Acq: 15 Aug 2019 15:06

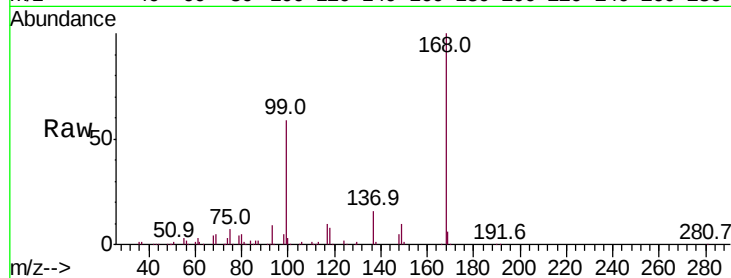
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 1101820

Ion Ratio Lower Upper

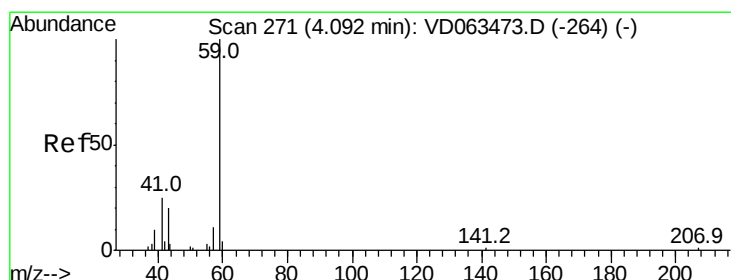
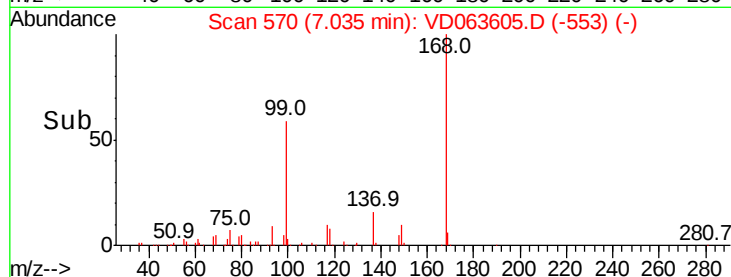
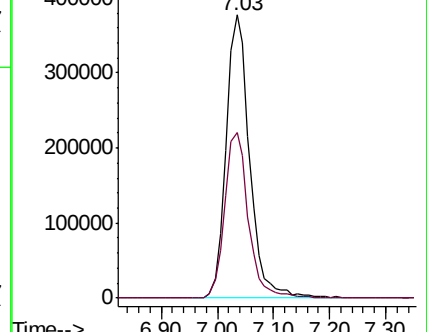
168 100

99 58.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 1.285 ug/l

RT: 4.05 min Scan# 267

Delta R.T. -0.04 min

Lab File: VD063605.D

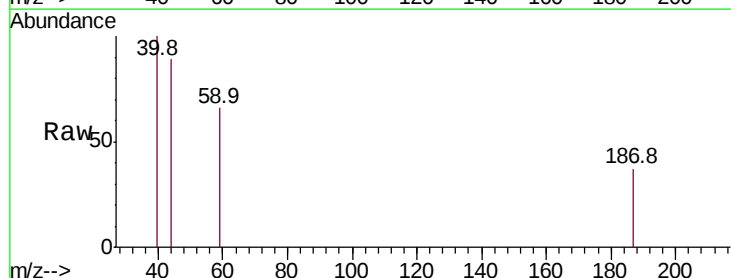
Acq: 15 Aug 2019 15:06

Tgt Ion: 59 Resp: 659

Ion Ratio Lower Upper

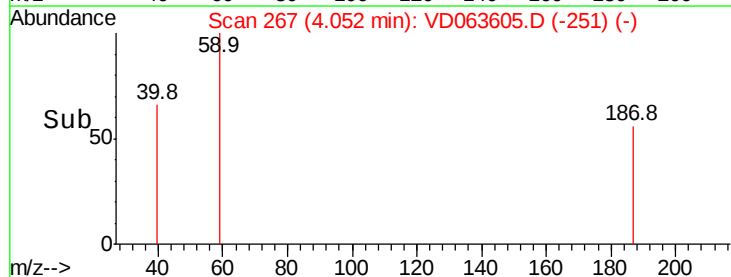
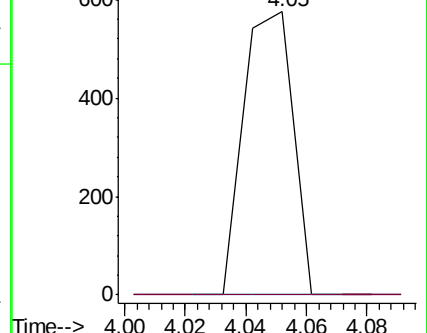
59 100

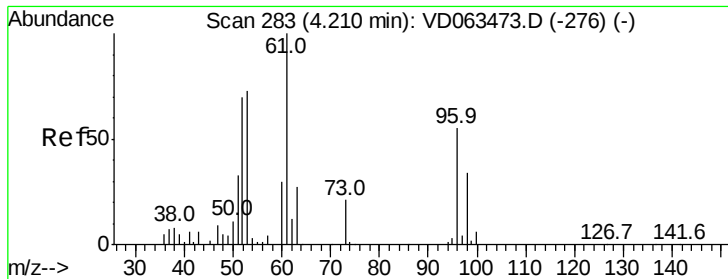
57 0.0 8.7 13.1#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#15

Acrylonitrile

Concen: 1.131 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.01 min

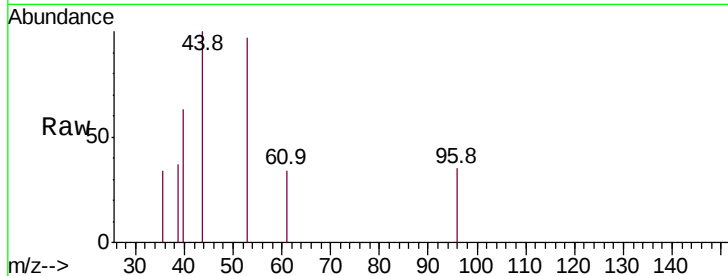
Lab File: VD063605.D

Acq: 15 Aug 2019 15:06

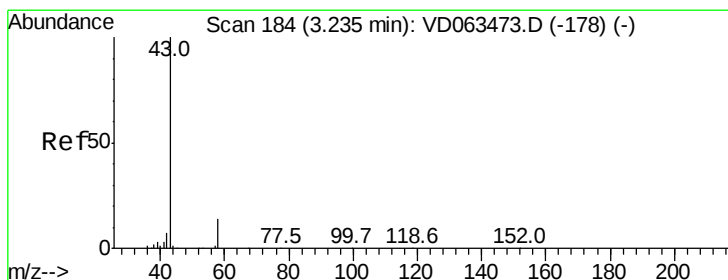
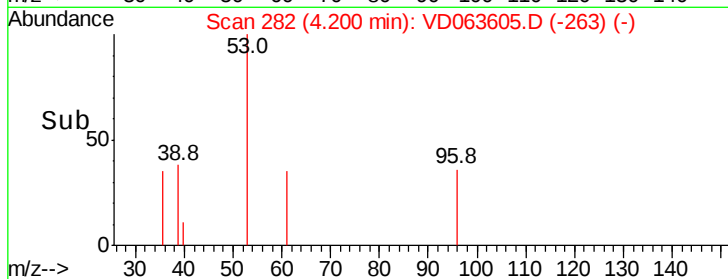
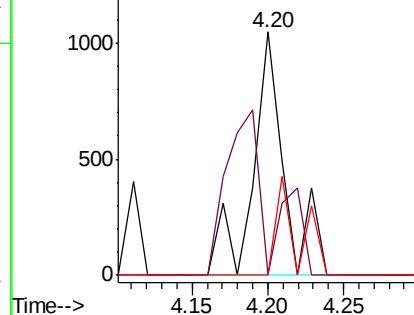
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 53 Resp: 1536

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.4	116.0#
51	0.0	36.7	55.1#



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 1.649 ug/l

RT: 3.22 min Scan# 182

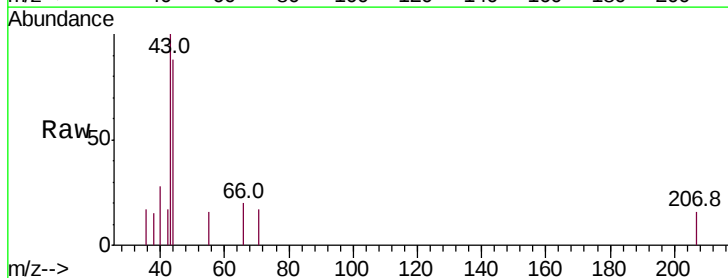
Delta R.T. -0.02 min

Lab File: VD063605.D

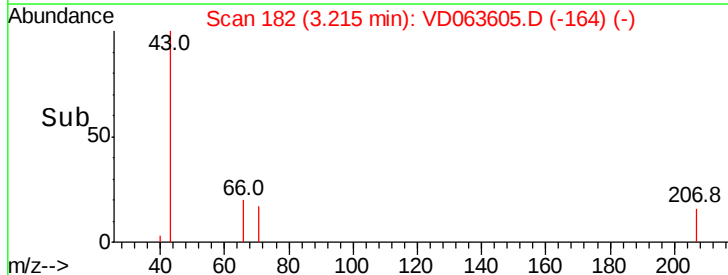
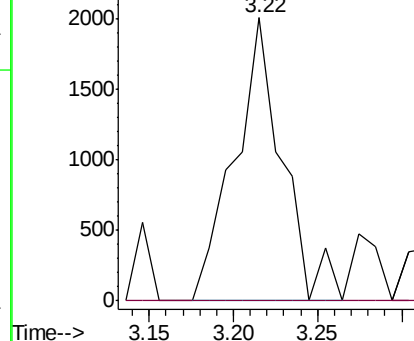
Acq: 15 Aug 2019 15:06

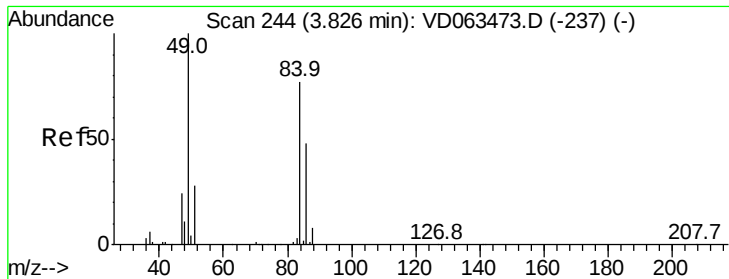
Tgt Ion: 43 Resp: 3948

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: 2.684 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063605.D

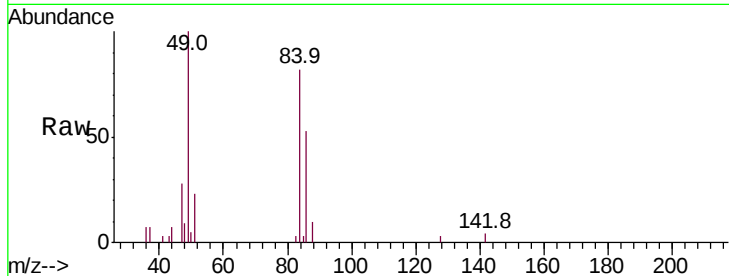
Acq: 15 Aug 2019 15:06

Instrument :
MSVOA_D
ClientSampleId :

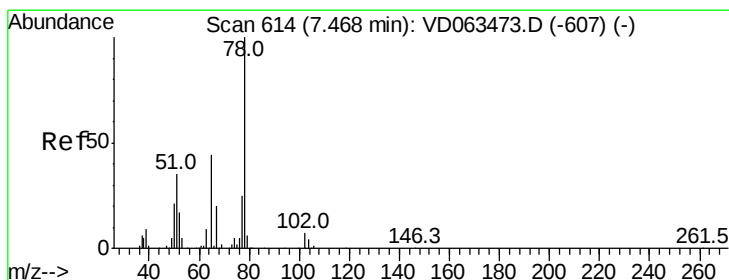
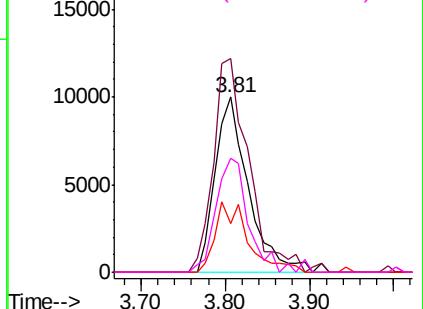
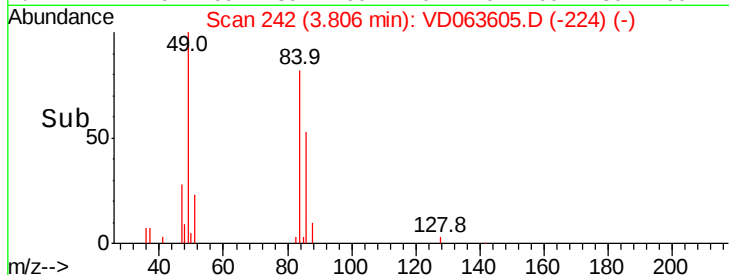
Tot Ion: 84 Resp: 27783

Ion Ratio Lower Upper

84	100		
49	121.9	103.4	155.2
51	27.9	28.5	42.7
86	64.7	49.4	74.2



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



#33

1,2-Dichloroethane-d4

Concen: 36.431 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

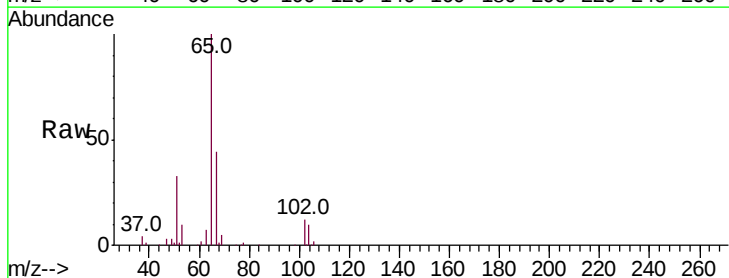
Lab File: VD063605.D

Acq: 15 Aug 2019 15:06

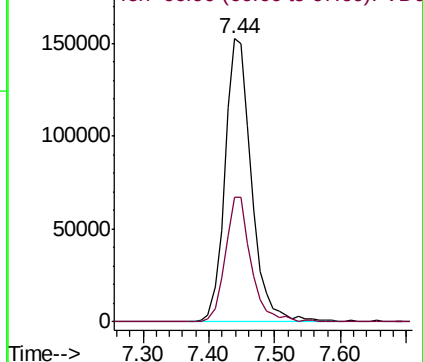
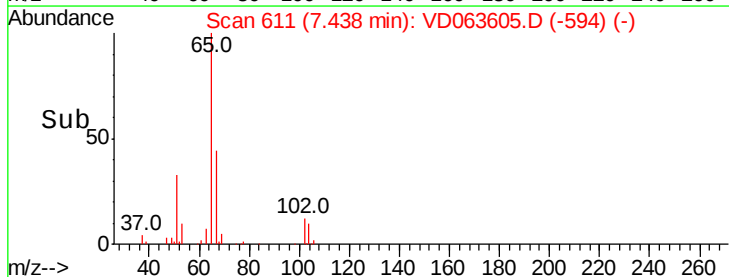
Tgt Ion: 65 Resp: 429070

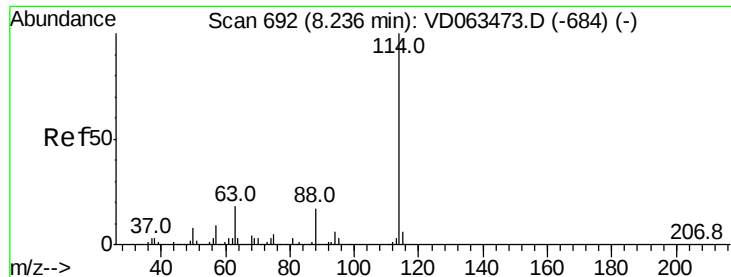
Ion Ratio Lower Upper

65	100		
67	43.9	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: VD063605.D

Acq: 15 Aug 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

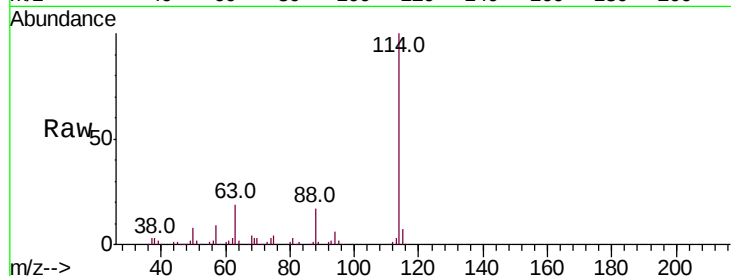
Tot Ion:114 Resp: 1483776

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.2

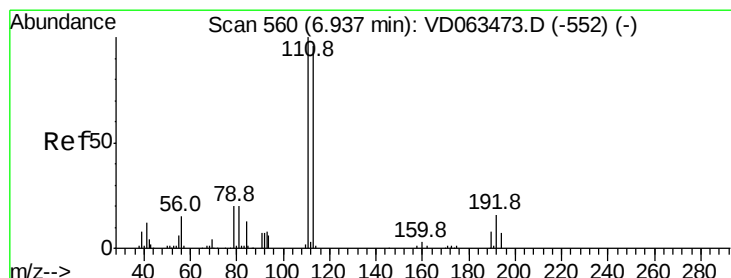
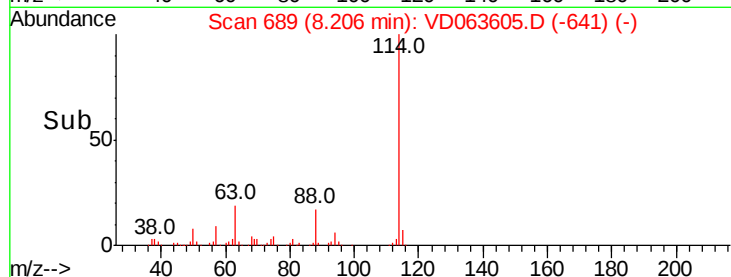
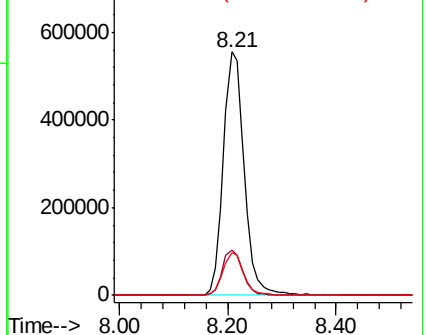
88 17.3 0.0 35.0



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: 40.761 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063605.D

Acq: 15 Aug 2019 15:06

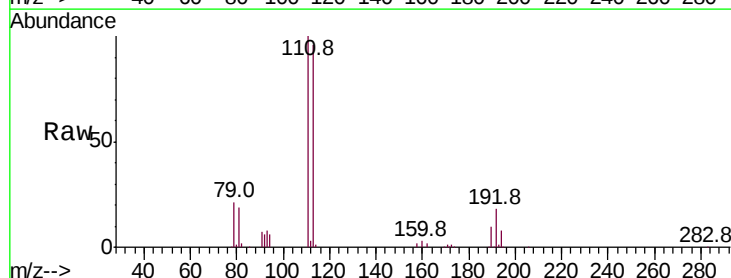
Tgt Ion:113 Resp: 509365

Ion Ratio Lower Upper

113 100

111 104.1 83.1 124.7

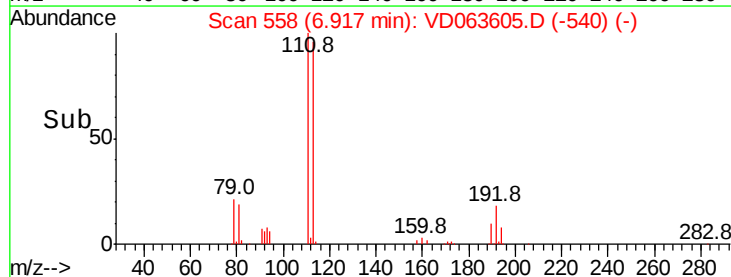
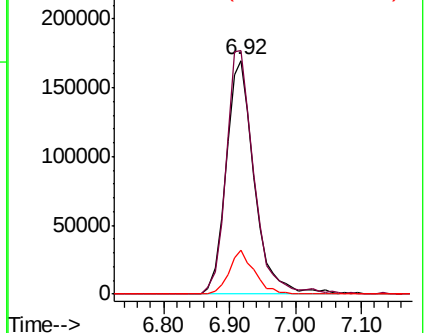
192 18.6 13.1 19.7

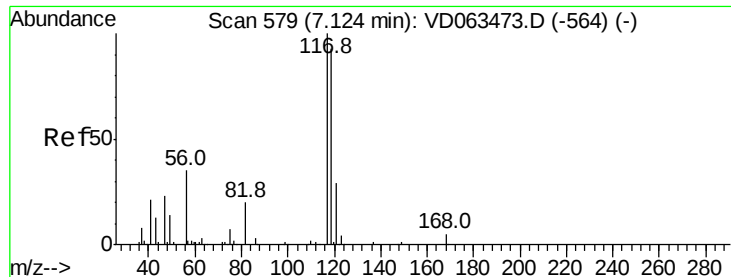


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#38

Carbon Tetrachloride

Concen: 5.454 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.09 min

Lab File: VD063605.D

Acq: 15 Aug 2019 15:06

Instrument :
MSVOA_D
ClientSampleId :

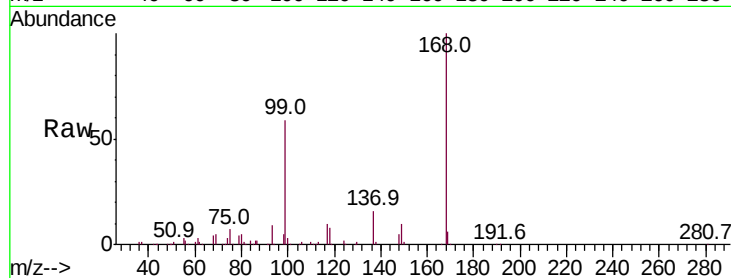
Tot Ion:117 Resp: 107819

Ion Ratio Lower Upper

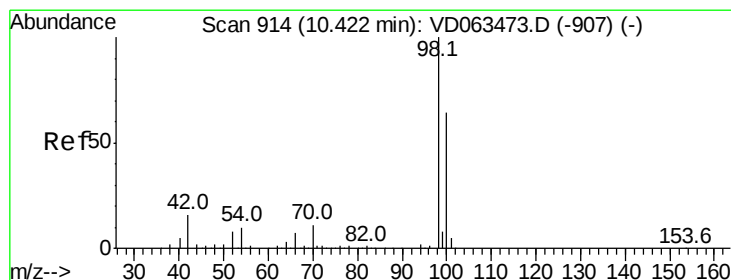
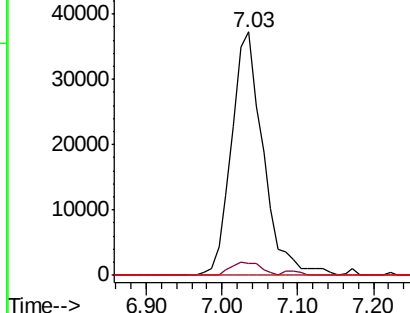
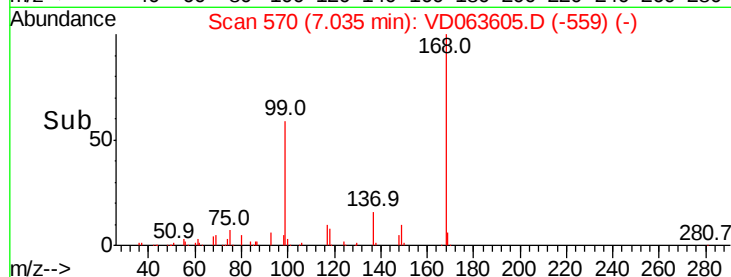
117 100

119 5.0 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



#50

Toluene-d8

Concen: 40.454 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063605.D

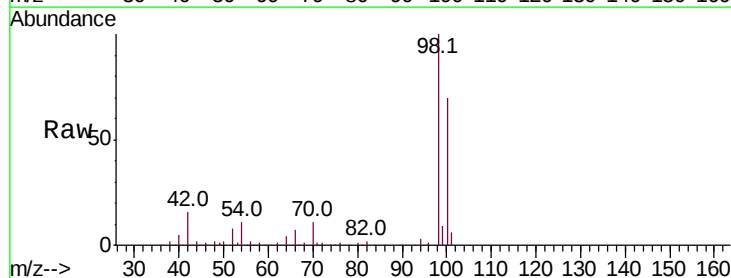
Acq: 15 Aug 2019 15:06

Tgt Ion: 98 Resp: 1111422

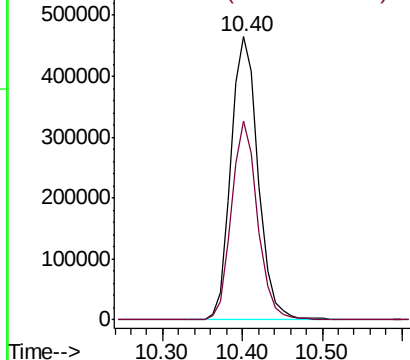
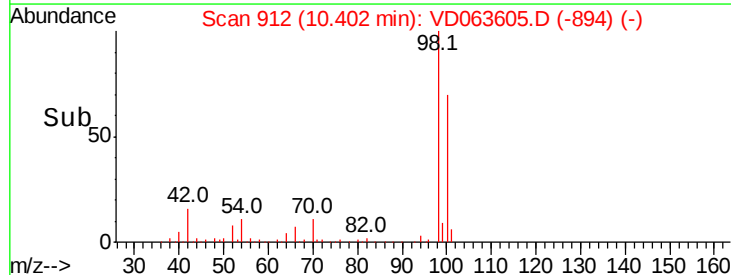
Ion Ratio Lower Upper

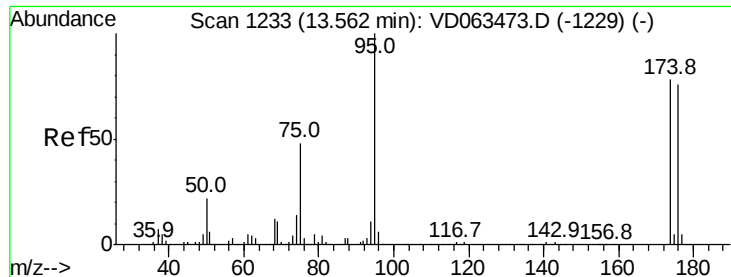
98 100

100 70.2 51.7 77.5



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





#62

4-Bromofluorobenzene

Concen: 38.327 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063605.D

Acq: 15 Aug 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

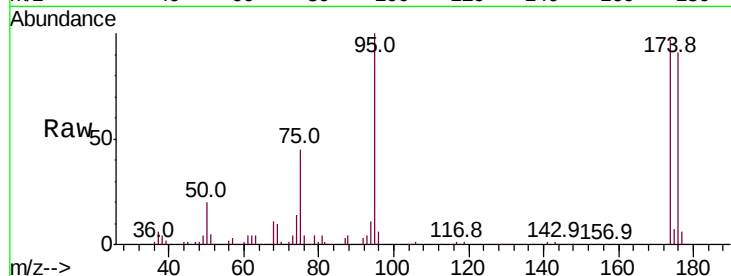
Tot Ion: 95 Resp: 477262

Ion Ratio Lower Upper

95 100

174 96.8 0.0 155.4

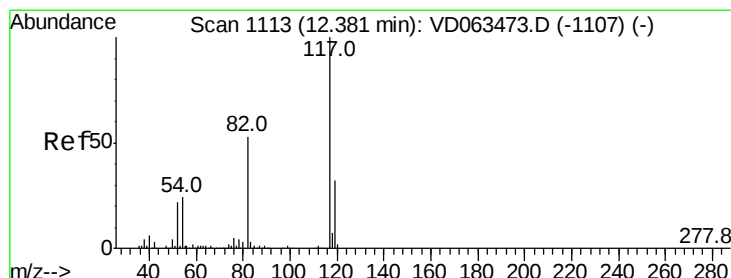
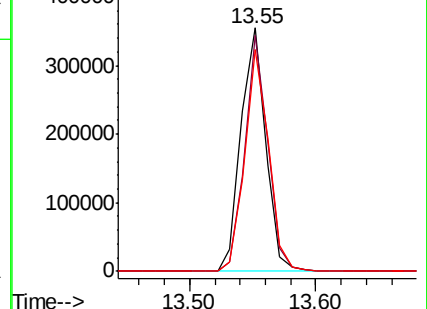
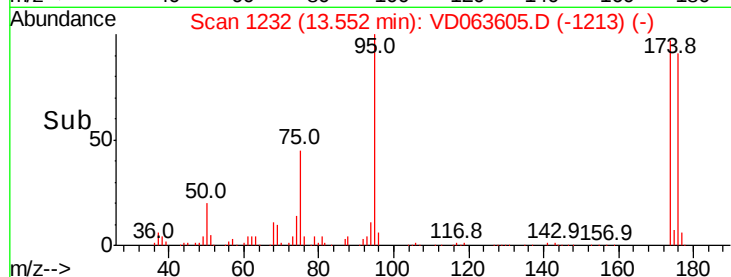
176 91.1 0.0 152.4



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: VD063605.D

Acq: 15 Aug 2019 15:06

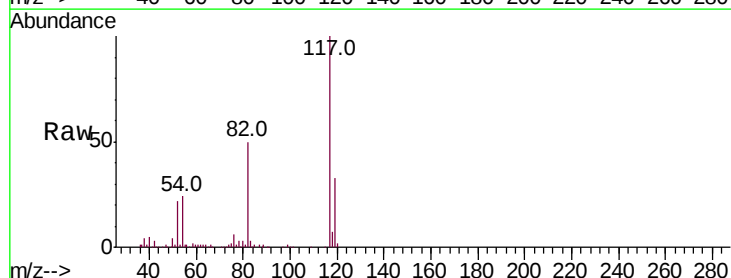
Tgt Ion: 117 Resp: 1297797

Ion Ratio Lower Upper

117 100

82 49.6 42.0 63.0

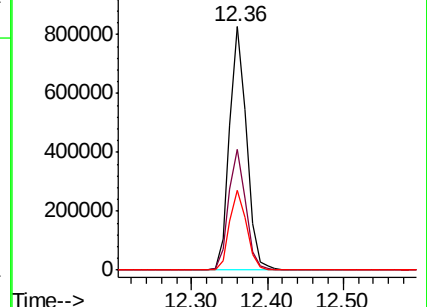
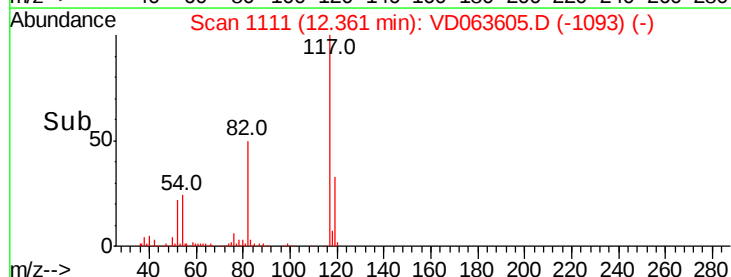
119 32.8 25.4 38.0

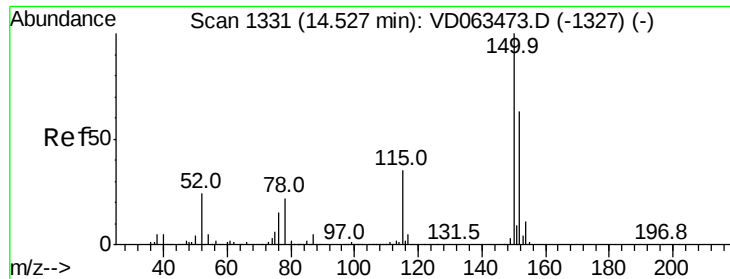


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063605.D

Acq: 15 Aug 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

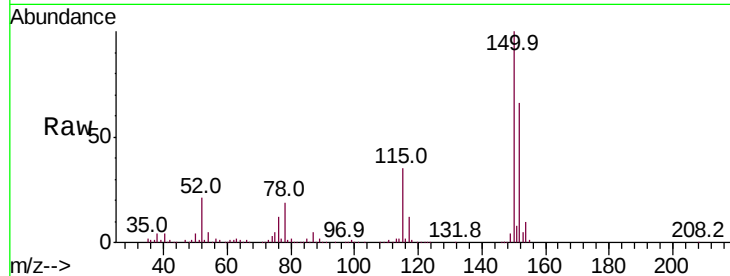
Tot Ion:152 Resp: 581536

Ion Ratio Lower Upper

152 100

115 53.4 30.9 92.7

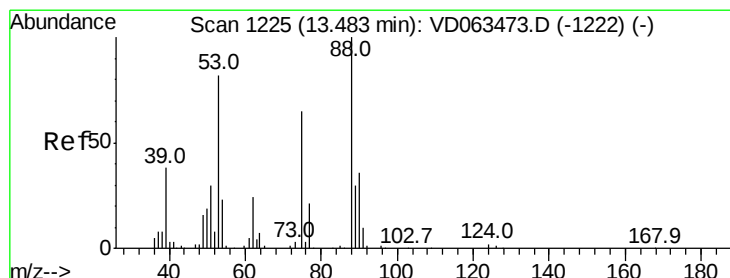
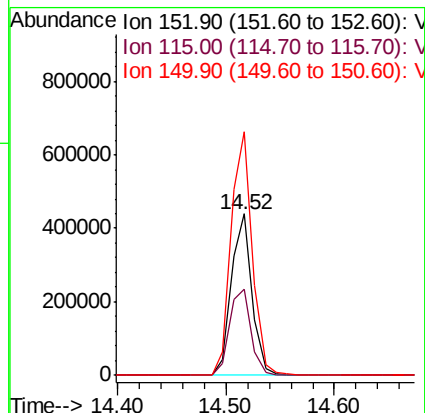
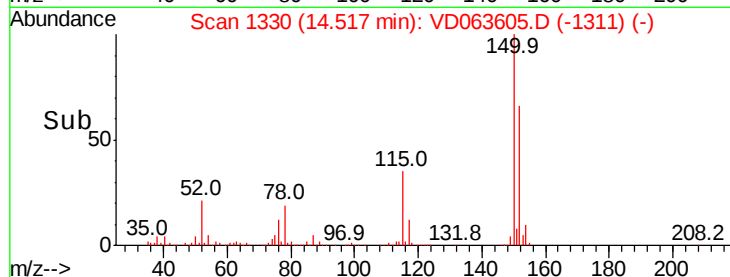
150 151.1 0.0 318.6



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: 121.401 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063605.D

Acq: 15 Aug 2019 15:06

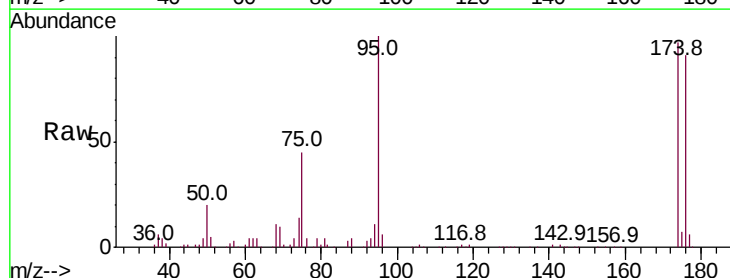
Tgt Ion: 75 Resp: 217772

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

