

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063546.D
 Acq On : 13 Aug 2019 23:53
 Operator : JC/SY
 Sample : K4290-05
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 08:31:57 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	7.06	168	522760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	828259	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	757166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	416734	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	312677	55.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.92%	
35) Dibromofluoromethane	6.93	113	338324	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	
50) Toluene-d8	10.41	98	642883	41.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.84%	
62) 4-Bromofluorobenzene	13.55	95	324003	46.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.22%	

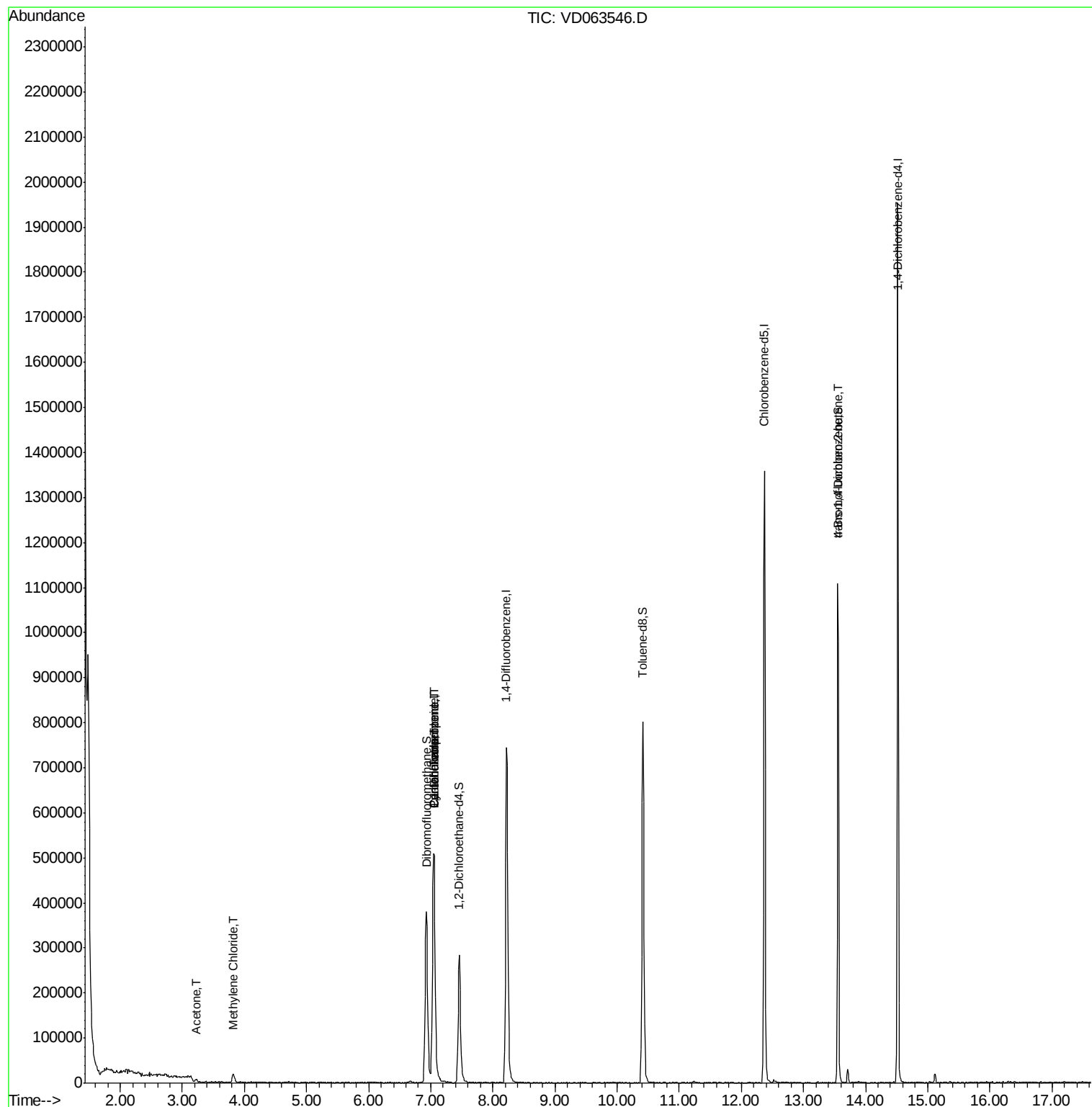
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	8398	7.393	ug/l #	65
20) Methylene Chloride	3.83	84	11299	2.300	ug/l #	85
31) Cyclohexane	7.04	56	13357	2.647	ug/l #	24
36) 1,1-Dichloropropene	7.05	75	40651	5.552	ug/l #	57
38) Carbon Tetrachloride	7.05	117	55322	5.013	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.55	75	148037	115.162	ug/l #	1

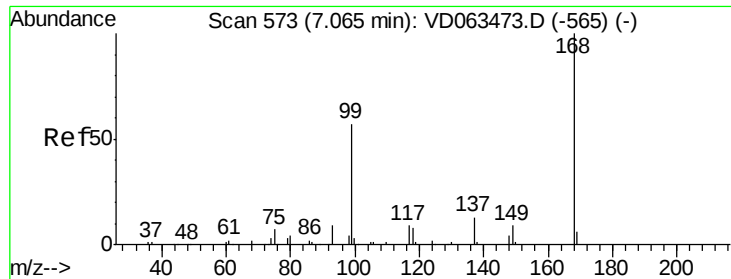
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081319\
Data File : VD063546.D
Acq On : 13 Aug 2019 23:53
Operator : JC/SY
Sample : K4290-05
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 14 08:31:57 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



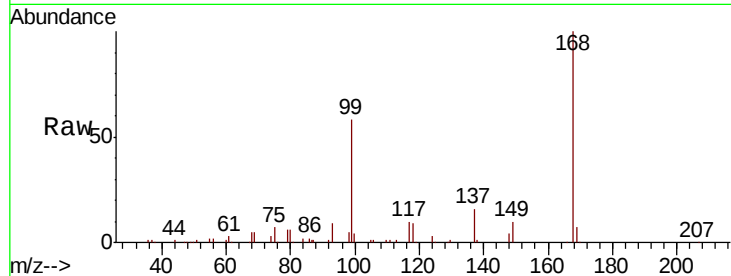


#1

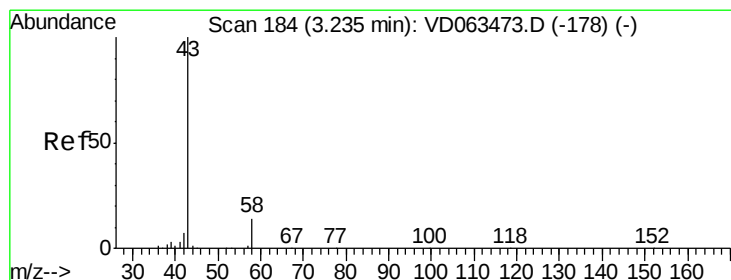
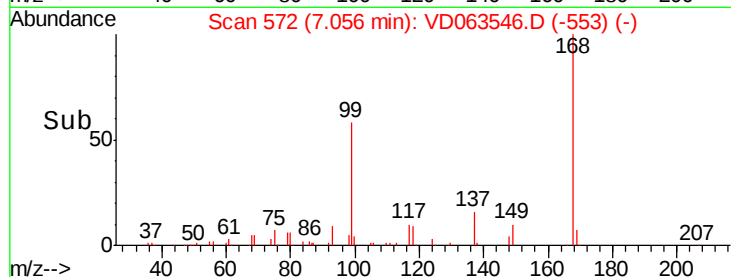
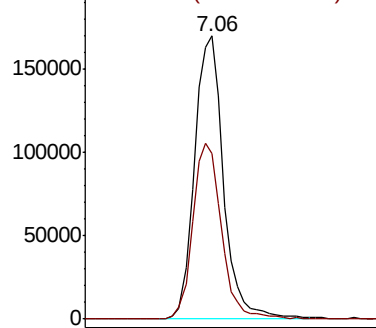
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VD063546.D
 Acq: 13 Aug 2019 23:53

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion:168 Resp: 522760
 Ion Ratio Lower Upper
 168 100
 99 58.5 46.7 70.1



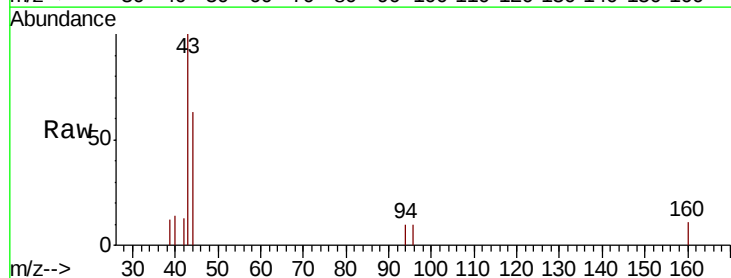
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



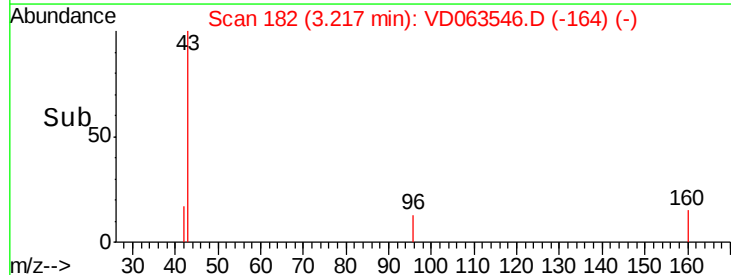
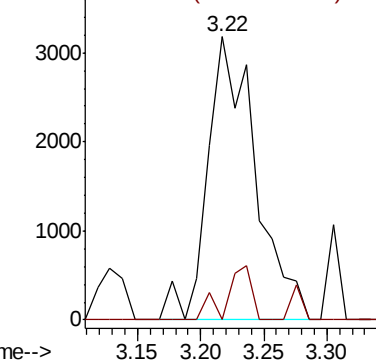
#16

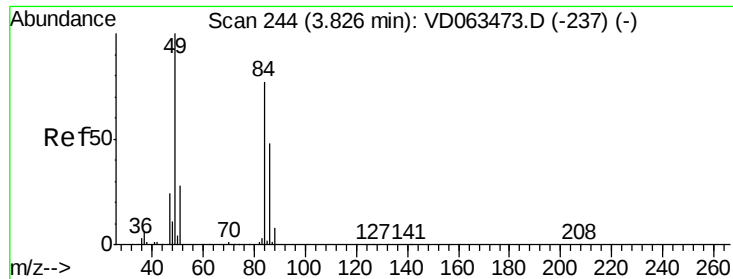
Acetone
 Concen: 7.393 ug/l
 RT: 3.22 min Scan# 182
 Delta R.T. -0.02 min
 Lab File: VD063546.D
 Acq: 13 Aug 2019 23:53

Tgt Ion: 43 Resp: 8398
 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

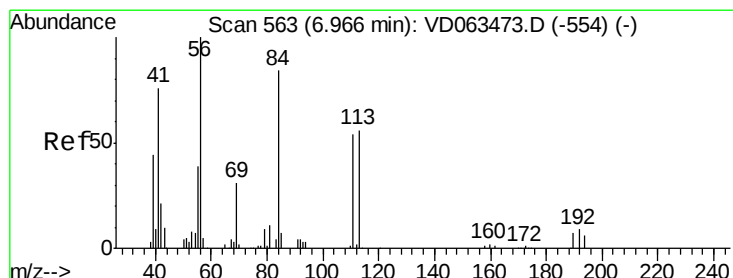
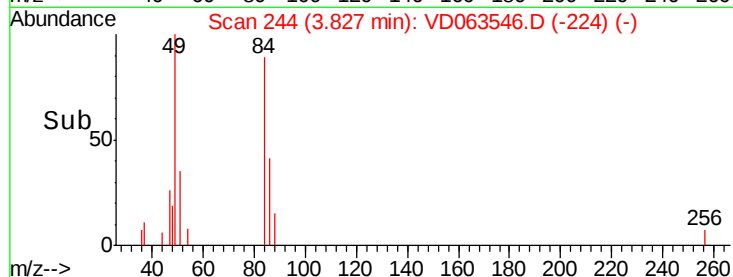
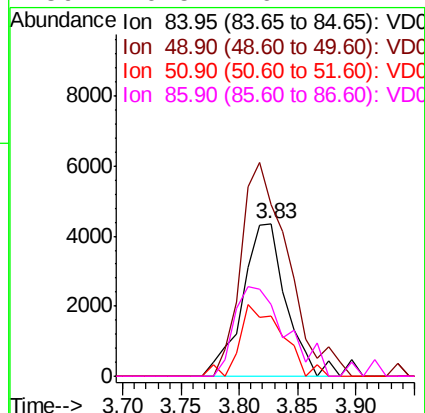
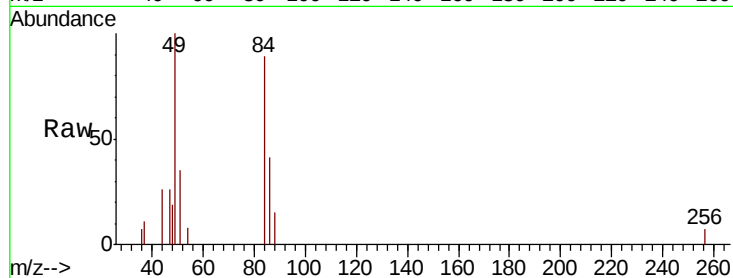




#20
Methvlene Chloride
Concen: 2.300 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD063546.D
Acq: 13 Aug 2019 23:53

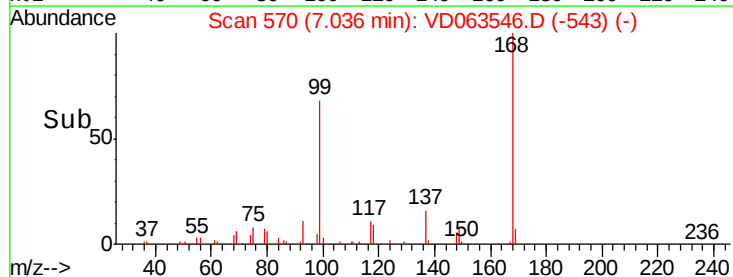
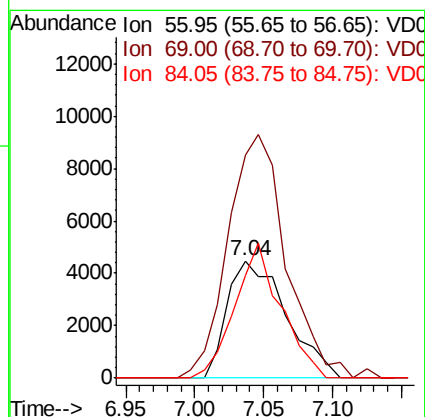
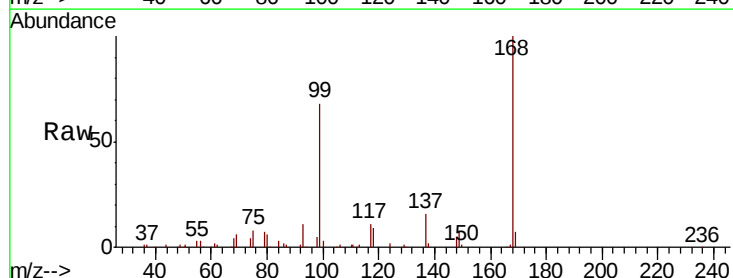
Instrument :
MSVOA_D
ClientSampleId :

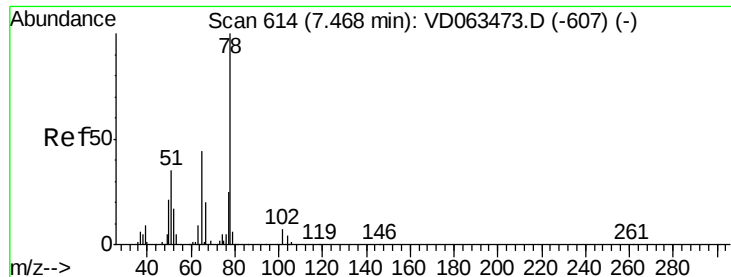
Tot Ion: 84 Resp: 11299
Ion Ratio Lower Upper
84 100
49 112.6 103.4 155.2
51 39.7 28.5 42.7
86 46.5 49.4 74.2#



#31
Cyclohexane
Concen: 2.647 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD063546.D
Acq: 13 Aug 2019 23:53

Tgt Ion: 56 Resp: 13357
Ion Ratio Lower Upper
56 100
69 189.5 25.0 37.6#
84 87.6 69.7 104.5

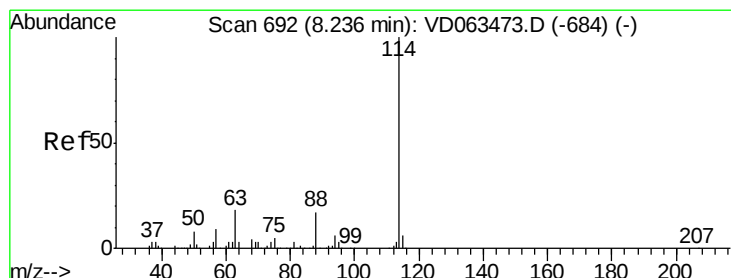
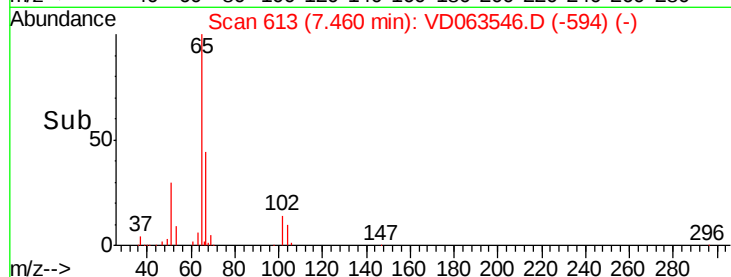
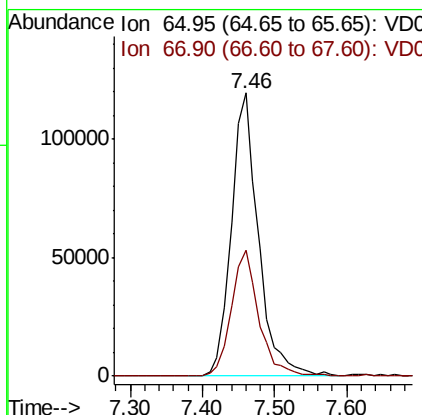
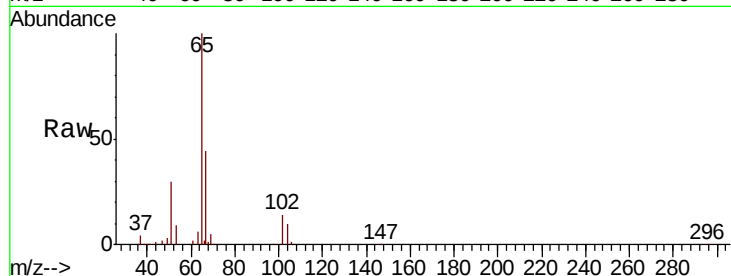




#33
 1,2-Dichloroethane-d4
 Concen: 55.956 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: VD063546.D
 Acq: 13 Aug 2019 23:53

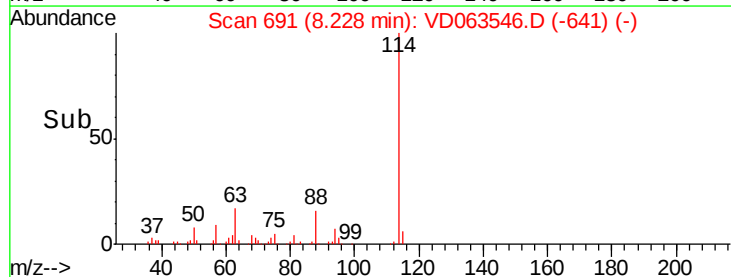
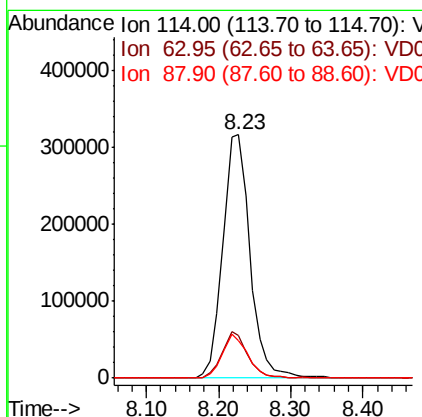
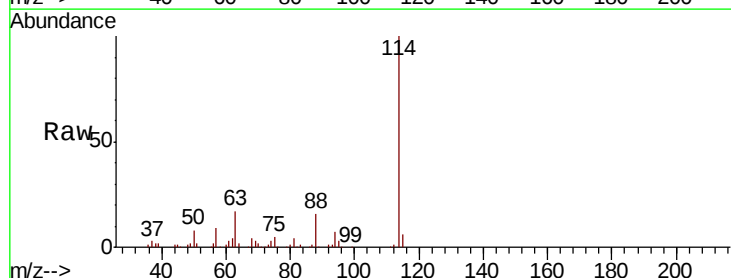
Instrument :
 MSVOA_D
 ClientSampled :

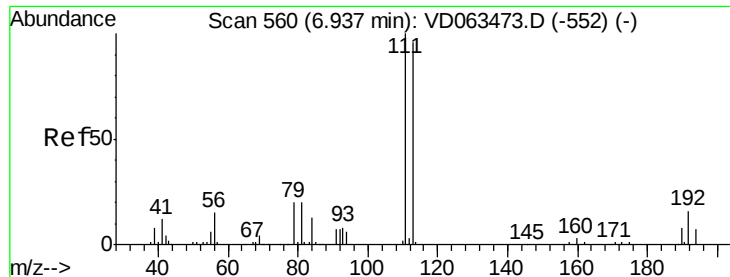
Tot Ion: 65 Resp: 312677
 Ion Ratio Lower Upper
 65 100
 67 44.5 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD063546.D
 Acq: 13 Aug 2019 23:53

Tgt Ion: 114 Resp: 828259
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.2
 88 15.6 0.0 35.0

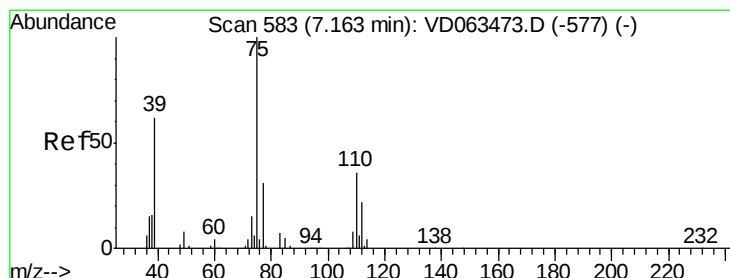
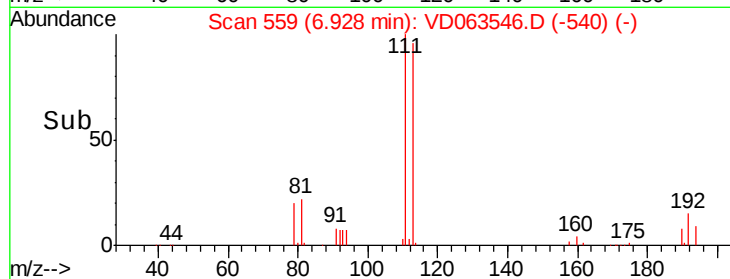
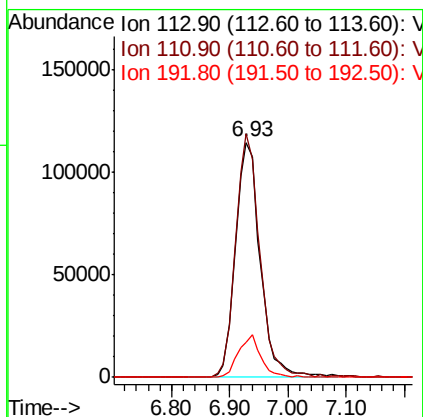
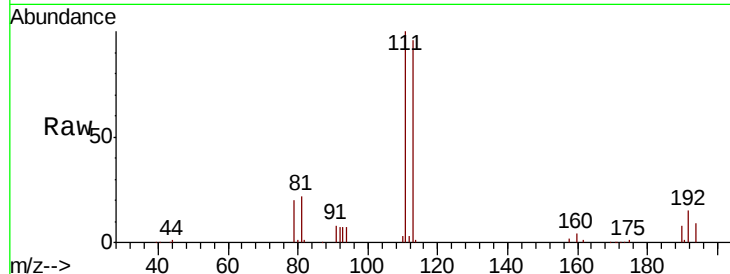




#35
 Dibromofluoromethane
 Concen: 48.501 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD063546.D
 Acq: 13 Aug 2019 23:53

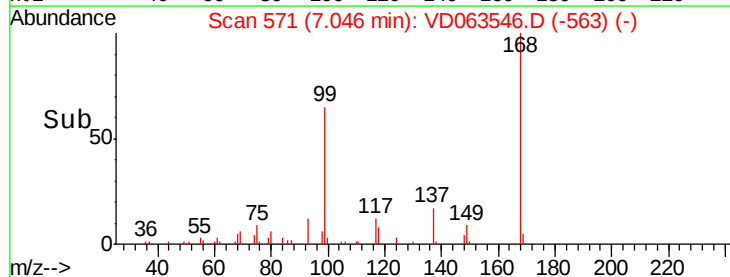
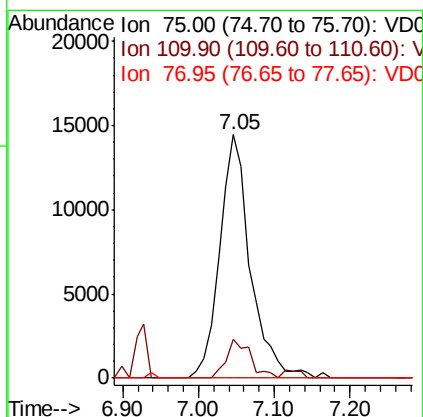
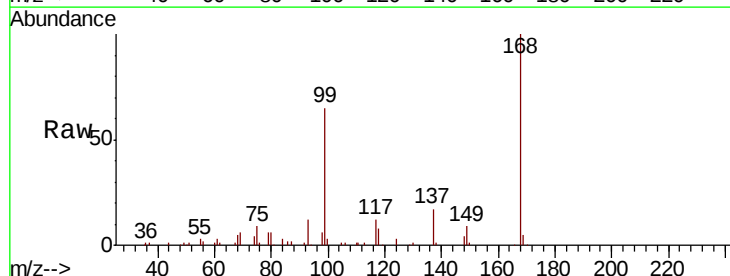
Instrument :
 MSVOA_D
 ClientSampleId :

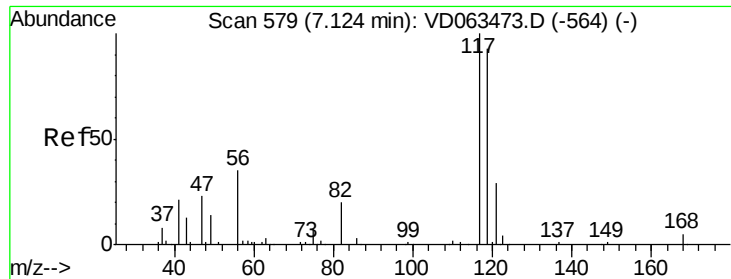
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	15.1	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 5.552 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.12 min
 Lab File: VD063546.D
 Acq: 13 Aug 2019 23:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	16.1	17.6	52.8#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 5.013 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.08 min

Lab File: VD063546.D

Acq: 13 Aug 2019 23:53

Instrument :

MSVOA_D

ClientSampled :

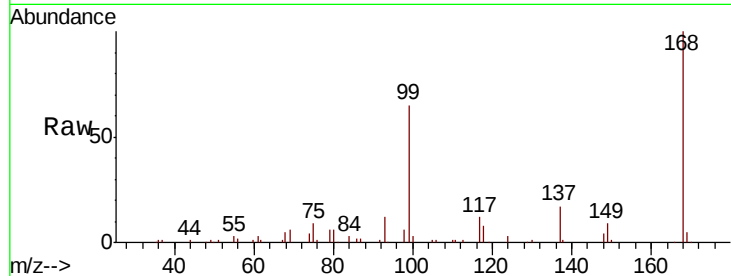
Tot Ion:117 Resp: 55322

Ion Ratio Lower Upper

117 100

119 3.5 74.2 111.2#

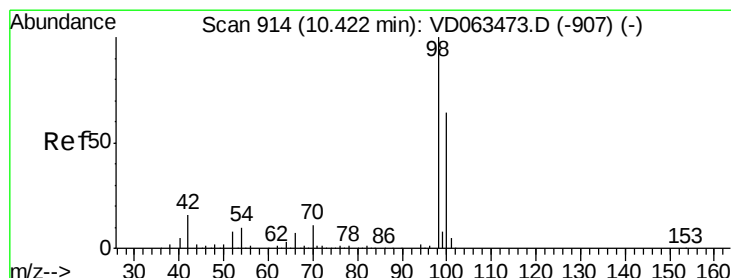
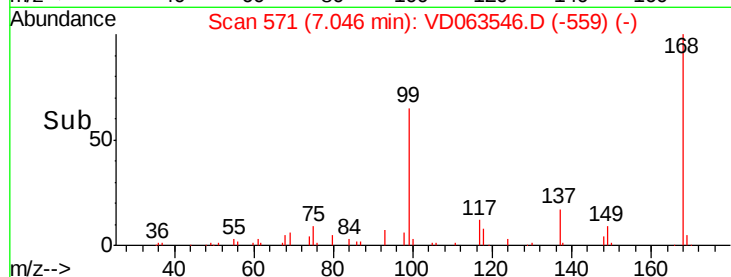
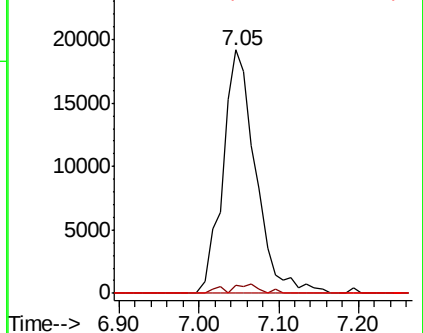
121 0.0 23.1 34.7#



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: 41.919 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063546.D

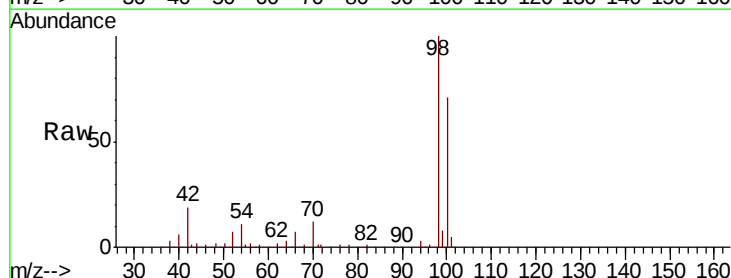
Acq: 13 Aug 2019 23:53

Tgt Ion: 98 Resp: 642883

Ion Ratio Lower Upper

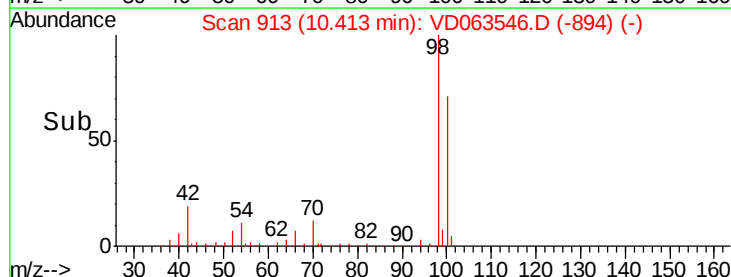
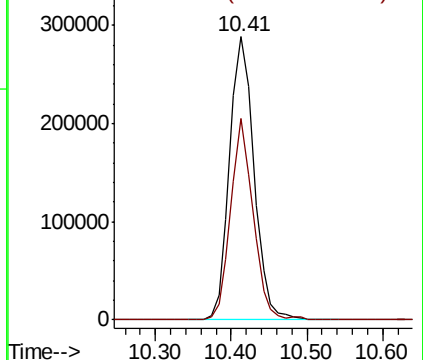
98 100

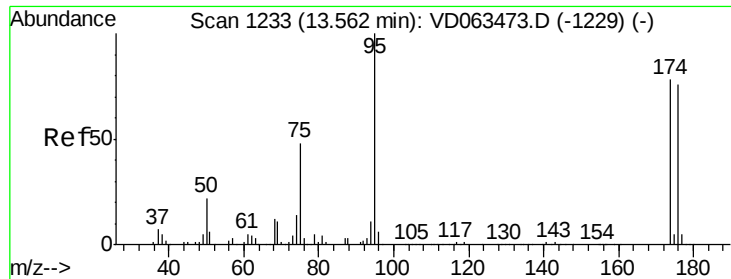
100 71.1 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

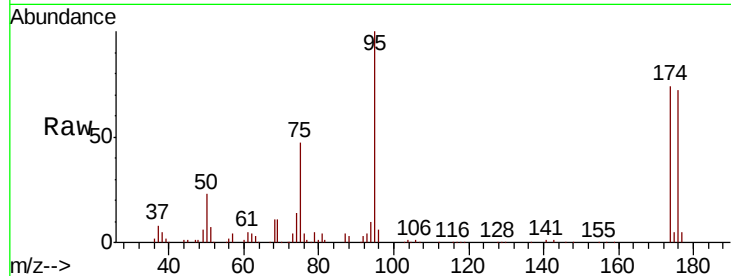




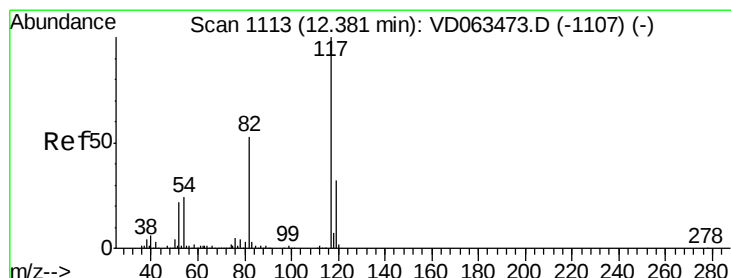
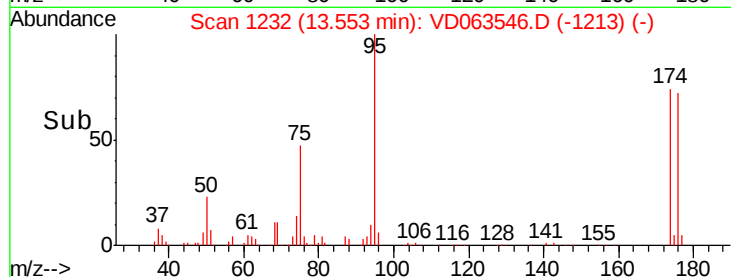
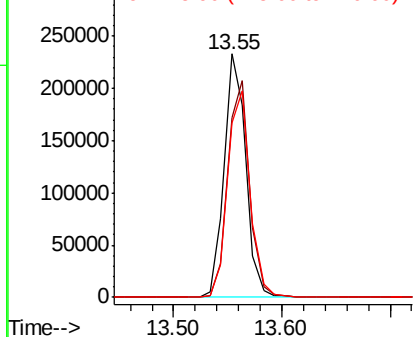
#62
4-Bromofluorobenzene
Concen: 46.612 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063546.D
Acq: 13 Aug 2019 23:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 324003
Ion Ratio Lower Upper
95 100
174 73.8 0.0 155.4
176 71.9 0.0 152.4

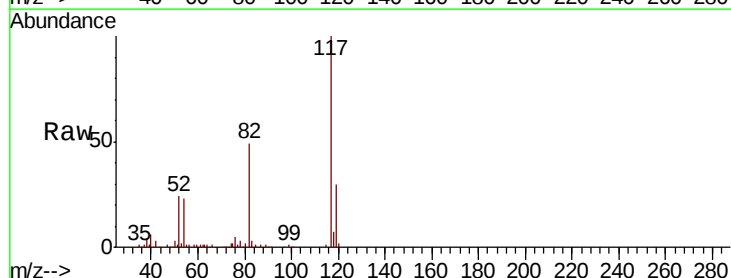


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

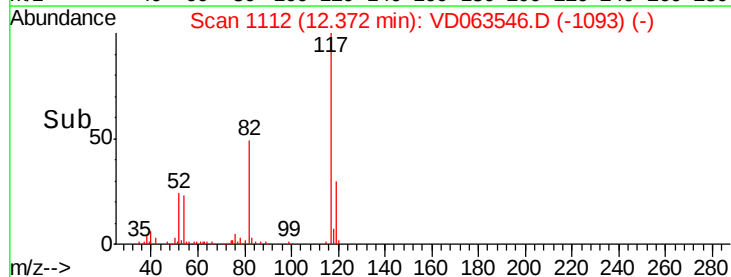
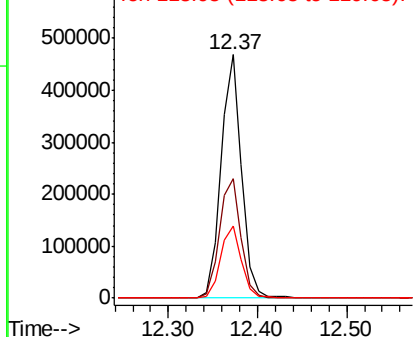


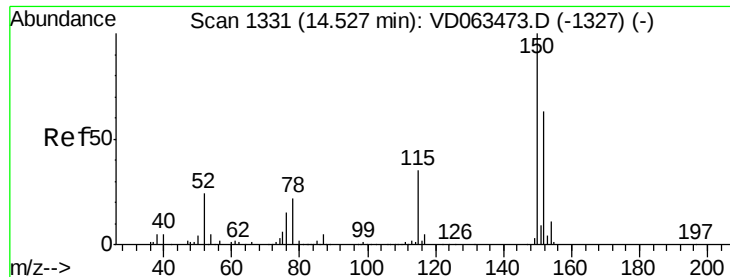
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063546.D
Acq: 13 Aug 2019 23:53

Tgt Ion: 117 Resp: 757166
Ion Ratio Lower Upper
117 100
82 49.0 42.0 63.0
119 29.8 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: VD063546.D

Acq: 13 Aug 2019 23:53

Instrument :

MSVOA_D

ClientSampleId :

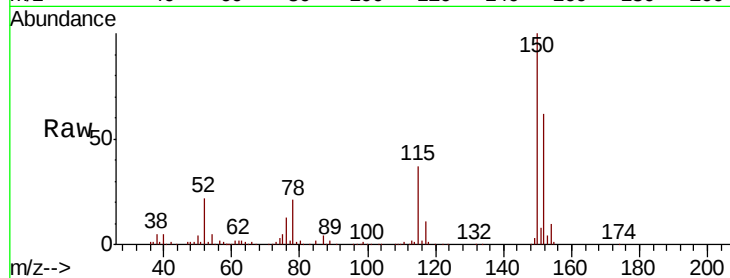
Tot Ion:152 Resp: 416734

Ion Ratio Lower Upper

152 100

115 58.8 30.9 92.7

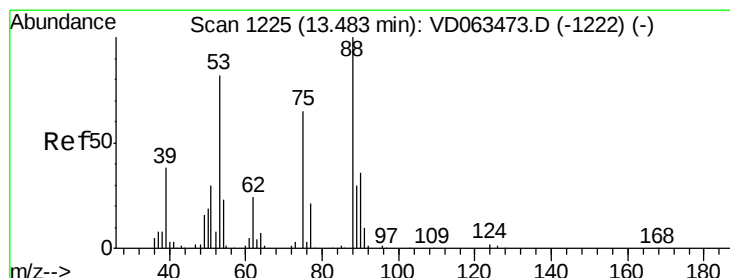
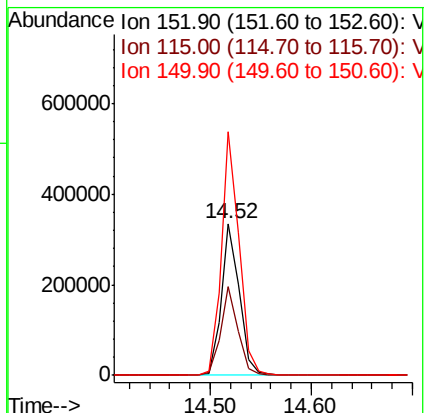
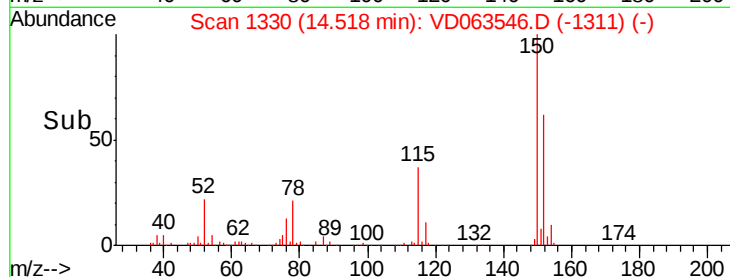
150 160.3 0.0 318.6



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: 115.162 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063546.D

Acq: 13 Aug 2019 23:53

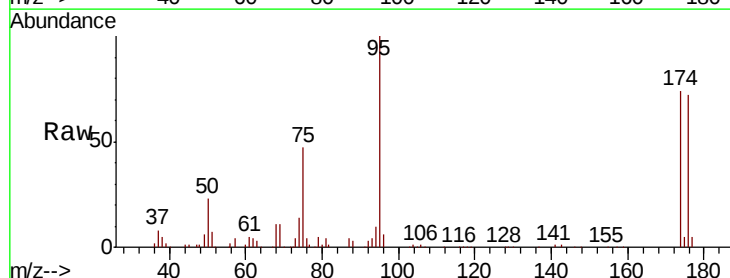
Tgt Ion: 75 Resp: 148037

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

