

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052819\
 Data File : VD062542.D
 Acq On : 28 May 2019 16:47
 Operator : VA/AP
 Sample : K3065-01RE
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-16-1.5-2.0RE

Quant Time: May 29 01:01:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

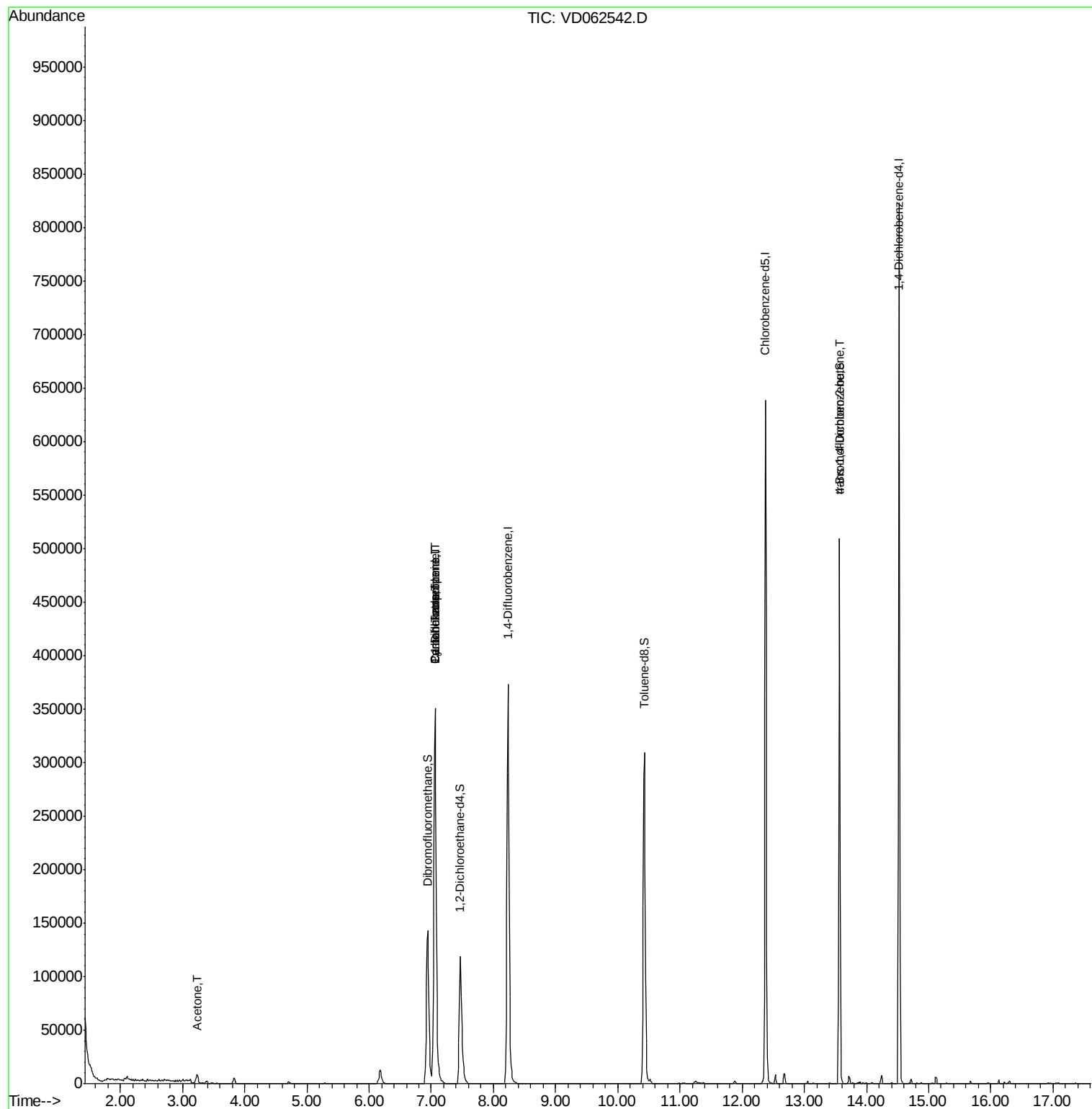
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	311529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	377504	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	315136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	178628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	135253	40.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.12%	
35) Dibromofluoromethane	6.94	113	125284	36.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.58%	
50) Toluene-d8	10.43	98	255755	34.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.64%	
62) 4-Bromofluorobenzene	13.57	95	135403	41.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.06%	
Target Compounds						
16) Acetone	3.23	43	16487	27.590	ug/l #	69
20) Methylene Chloride	3.83	84	2903	Below Cal	#	85
31) Cyclohexane	7.06	56	6971	2.214	ug/l #	11
36) 1,1-Dichloropropene	7.06	75	27417	7.596	ug/l #	47
38) Carbon Tetrachloride	7.06	117	33320	6.212	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.57	75	69884	117.770	ug/l #	16

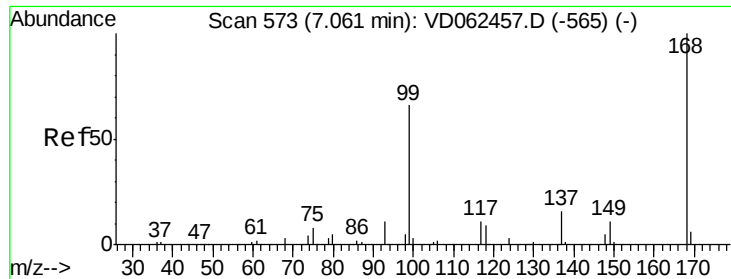
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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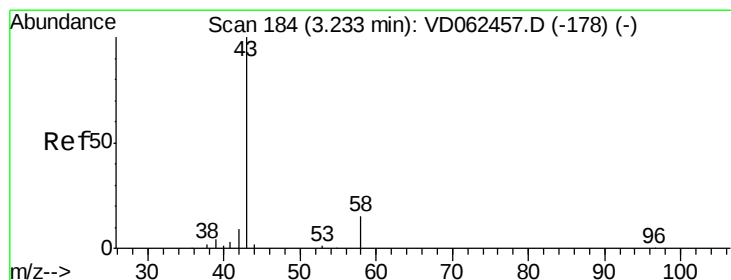
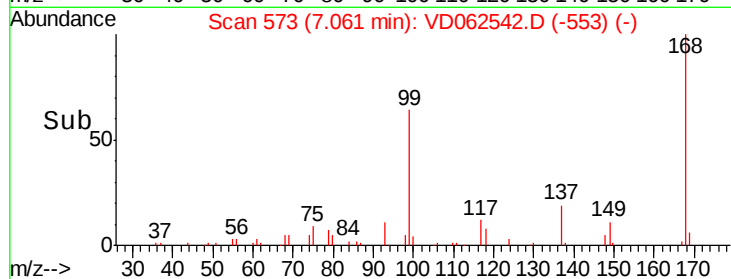
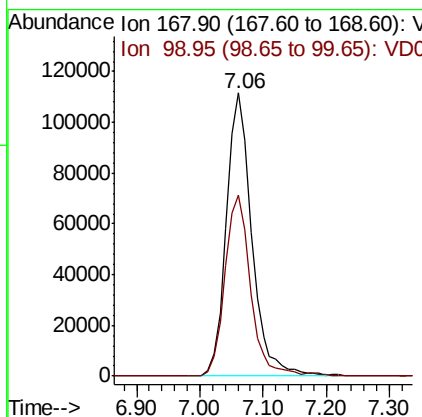
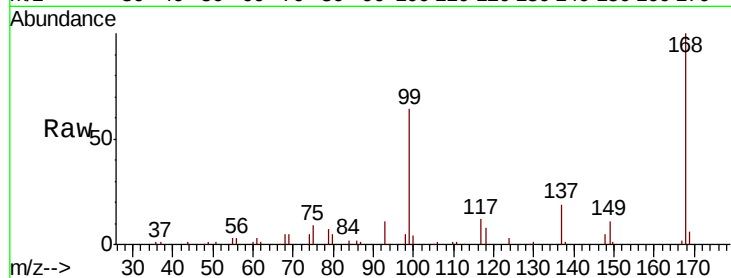




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.00 min
Lab File: VD062542.D
Acq: 28 May 2019 16:47

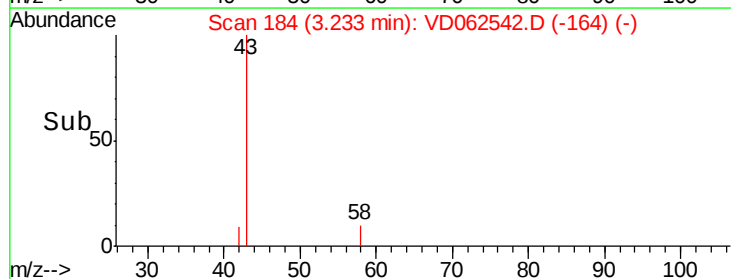
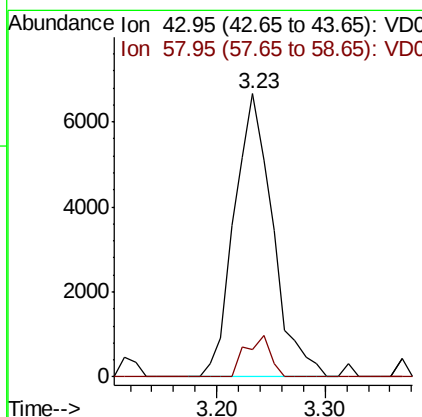
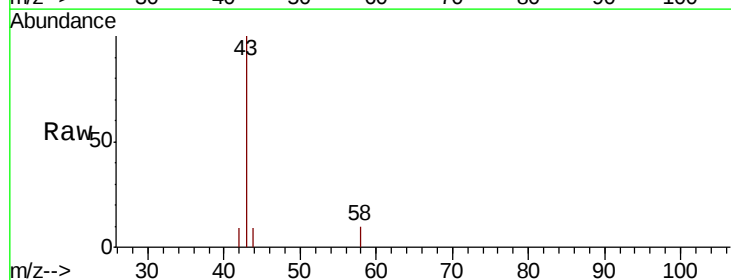
Instrument :
MSVOA_D
ClientSampleId :
B-16-1.5-2.0RE

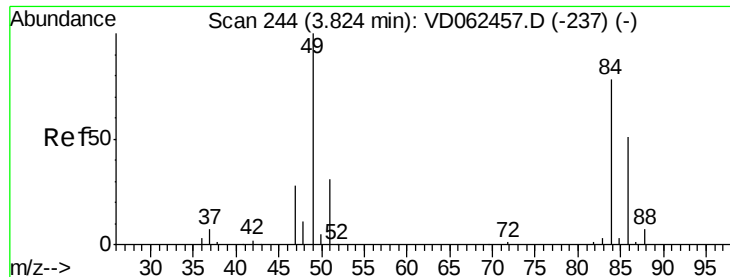
Tot Ion:168 Resp: 311529
Ion Ratio Lower Upper
168 100
99 63.8 46.5 69.7



#16
Acetone
Concen: 27.590 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.00 min
Lab File: VD062542.D
Acq: 28 May 2019 16:47

Tgt Ion: 43 Resp: 16487
Ion Ratio Lower Upper
43 100
58 9.6 19.9 29.9#

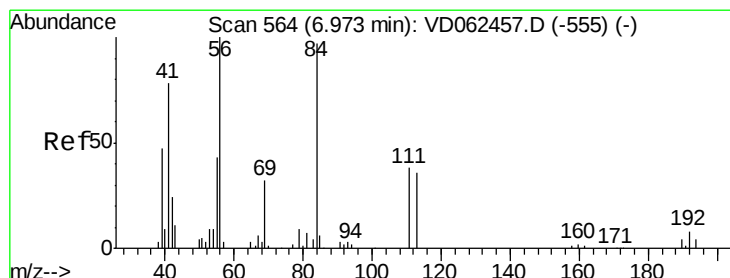
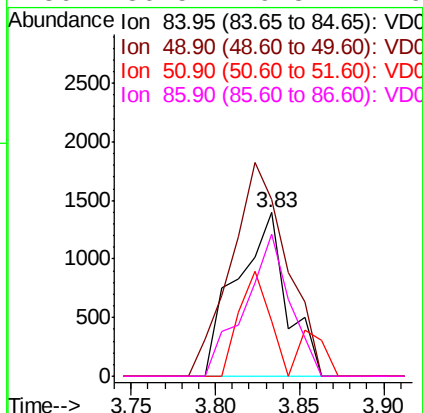
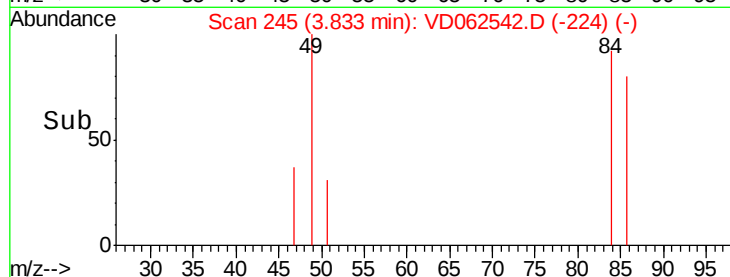
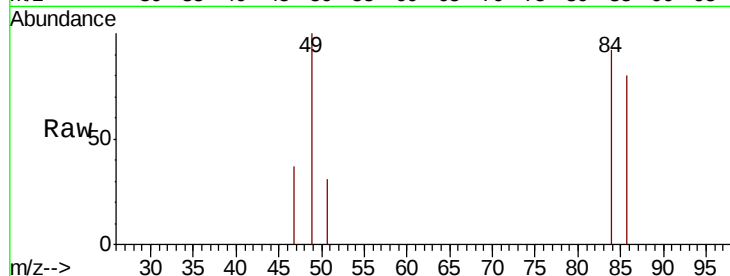




#20
Methylene Chloride
Concen: Below Cal
RT: 3.83 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD062542.D
Acq: 28 May 2019 16:47

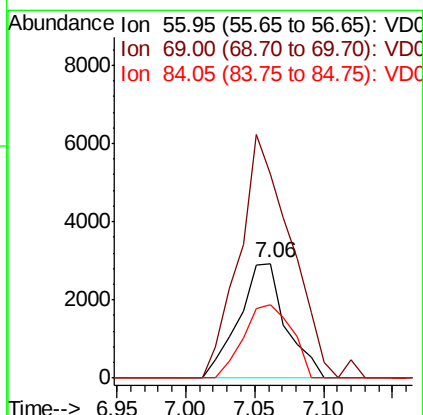
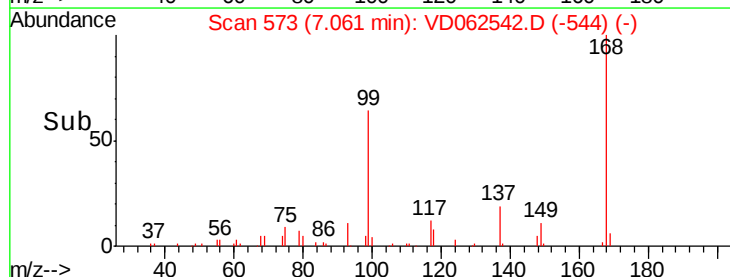
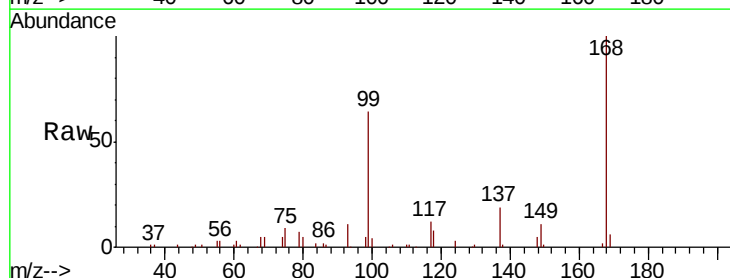
Instrument :
MSVOA_D
ClientSampleId :
B-16-1.5-2.0RE

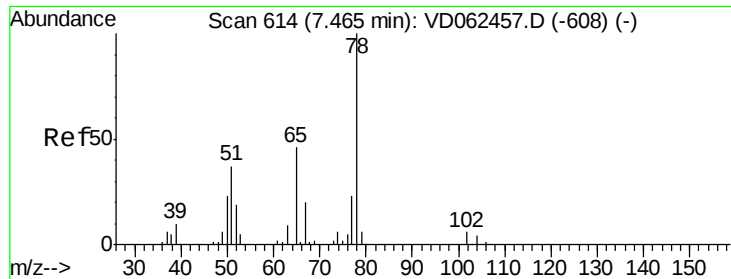
Tot Ion: 84 Resp: 2903
Ion Ratio Lower Upper
84 100
49 108.2 94.0 141.0
51 33.4 29.0 43.4
86 86.5 49.8 74.6#



#31
Cyclohexane
Concen: 2.214 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.09 min
Lab File: VD062542.D
Acq: 28 May 2019 16:47

Tgt Ion: 56 Resp: 6971
Ion Ratio Lower Upper
56 100
69 177.8 25.8 38.6#
84 64.2 72.2 108.4#





#33

1,2-Dichloroethane-d4

Concen: 40.559 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.01 min

Lab File: VD062542.D

Acq: 28 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

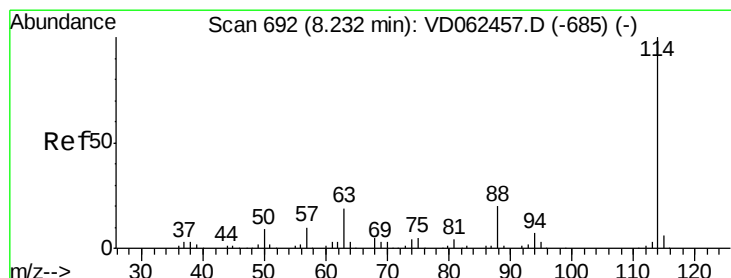
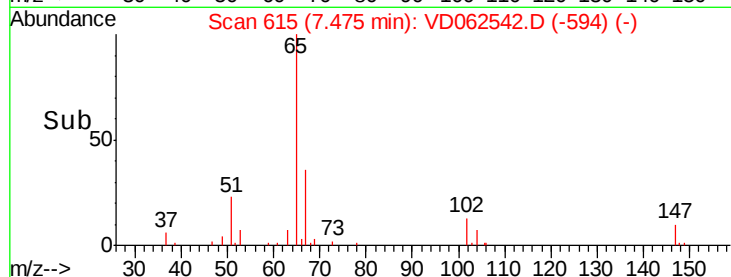
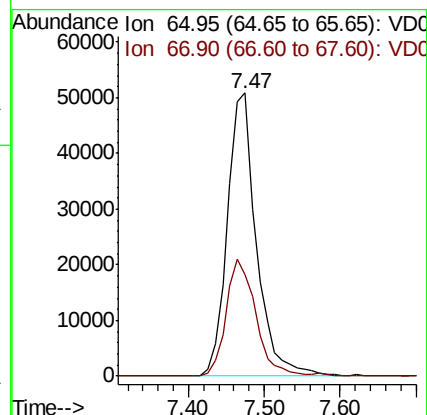
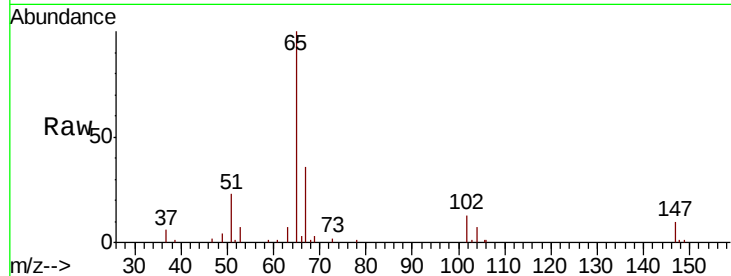
B-16-1.5-2.0RE

Tot Ion: 65 Resp: 135253

Ion Ratio Lower Upper

65 100

67 35.8 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.00 min

Lab File: VD062542.D

Acq: 28 May 2019 16:47

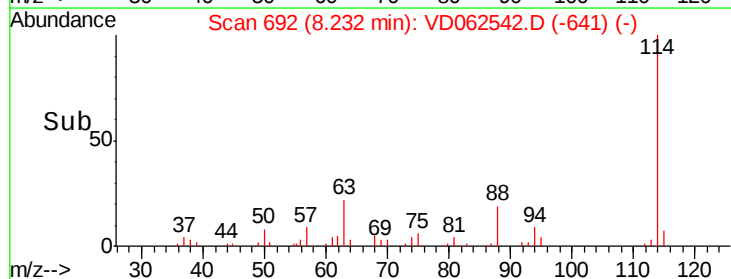
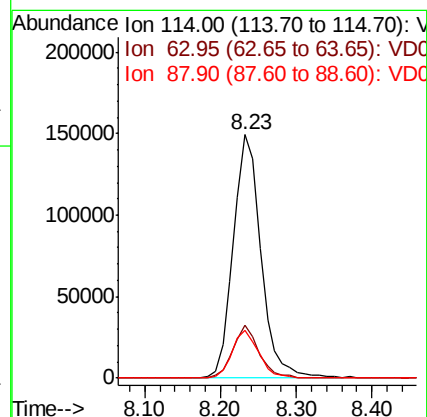
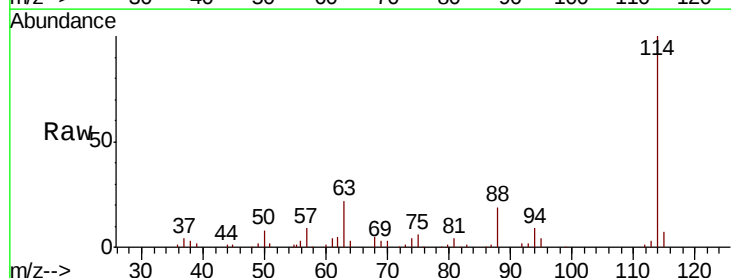
Tgt Ion: 114 Resp: 377504

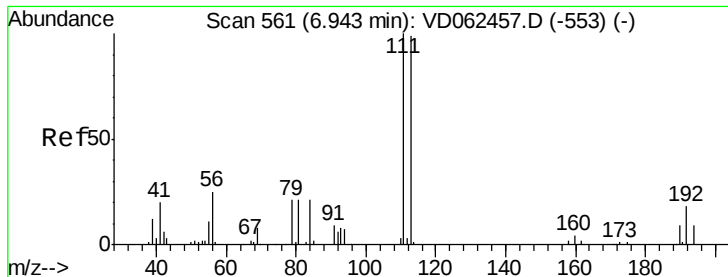
Ion Ratio Lower Upper

114 100

63 21.5 0.0 32.4

88 19.5 0.0 33.6

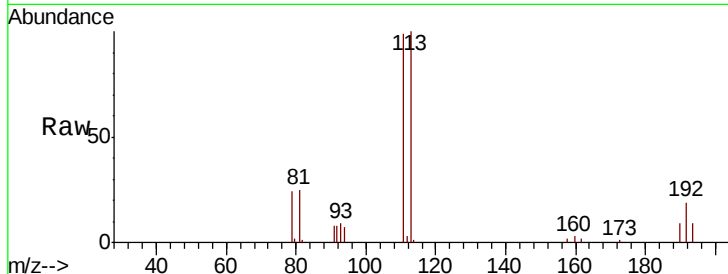




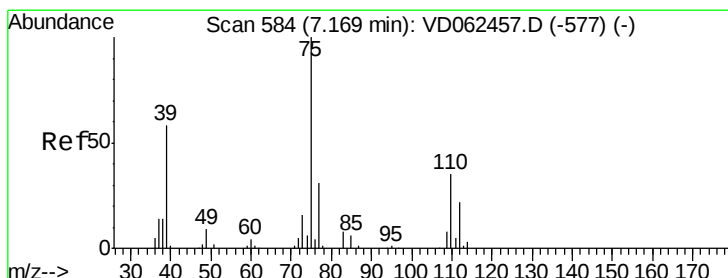
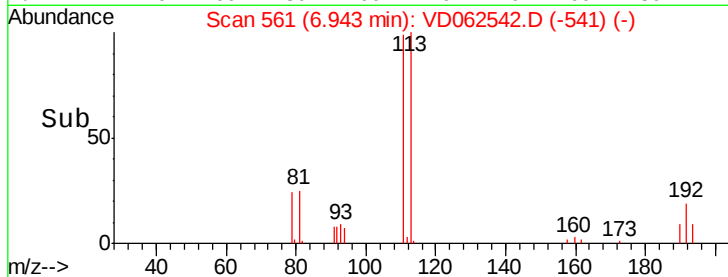
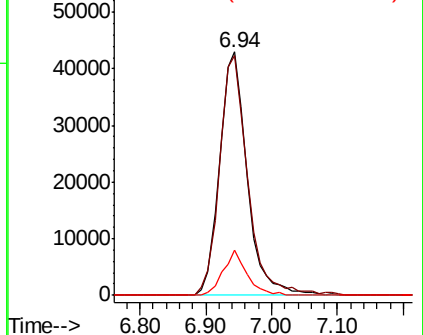
#35
 Dibromofluoromethane
 Concen: 36.788 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD062542.D
 Acq: 28 May 2019 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 B-16-1.5-2.0RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	98.7	78.5	117.7
192	18.7	13.0	19.4

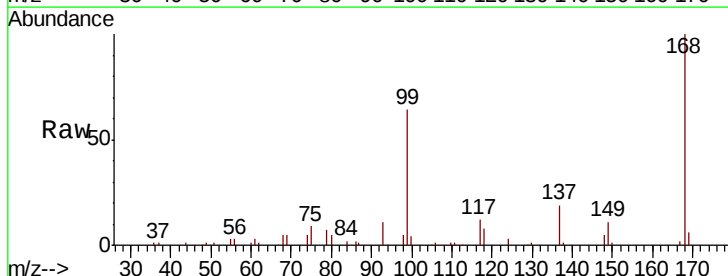


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

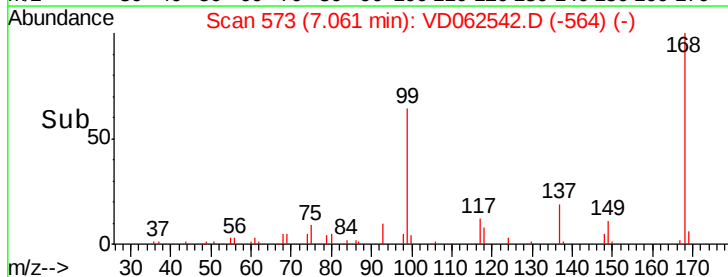
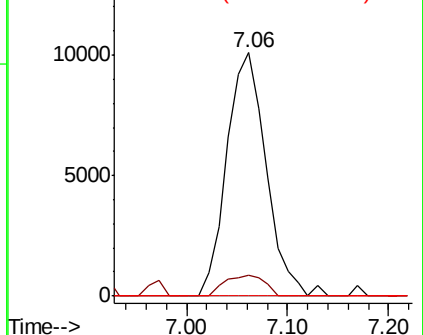


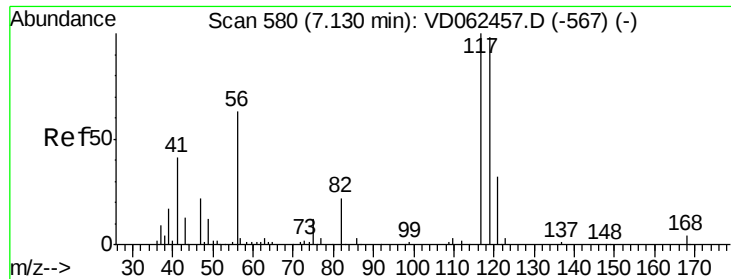
#36
 1,1-Dichloropropene
 Concen: 7.596 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.11 min
 Lab File: VD062542.D
 Acq: 28 May 2019 16:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.1	57.1#
77	0.0	25.6	38.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 6.212 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.07 min

Lab File: VD062542.D

Acq: 28 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

B-16-1.5-2.0RE

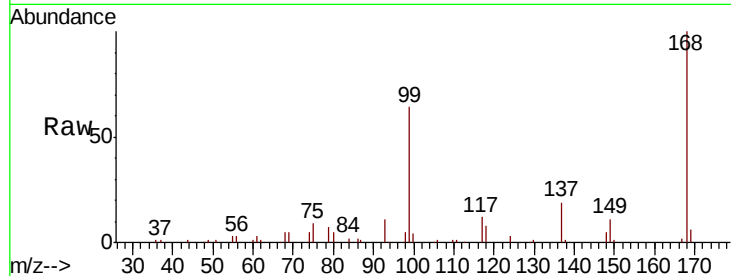
Tot Ion:117 Resp: 33320

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

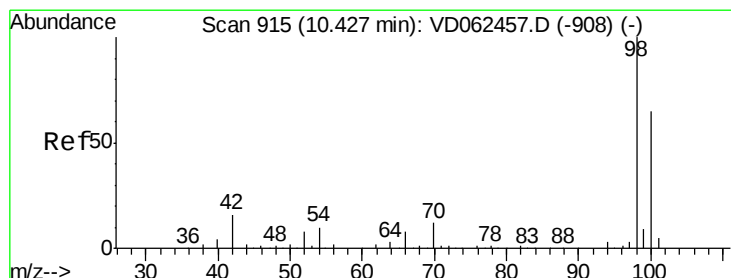
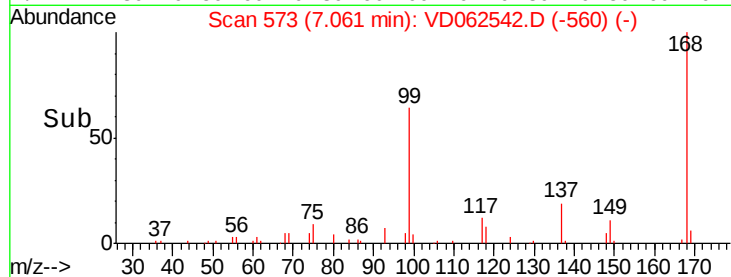
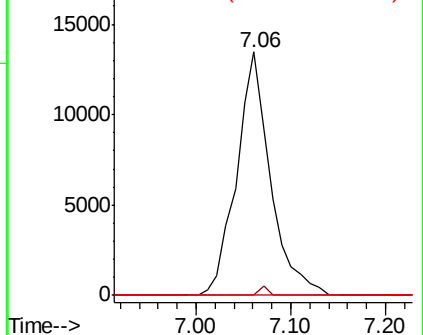
121 0.0 25.9 38.9#



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: 34.317 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.00 min

Lab File: VD062542.D

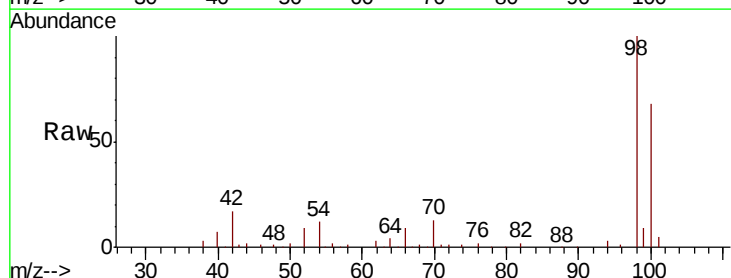
Acq: 28 May 2019 16:47

Tgt Ion: 98 Resp: 255755

Ion Ratio Lower Upper

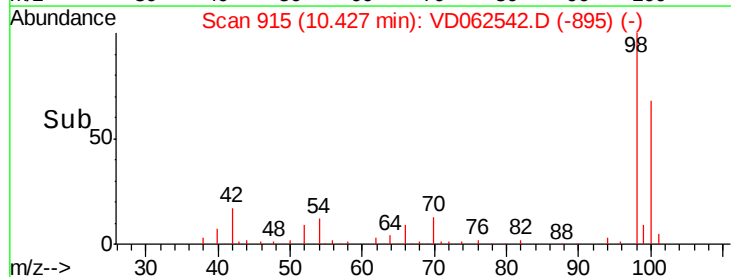
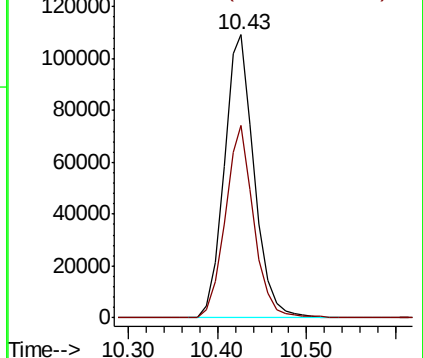
98 100

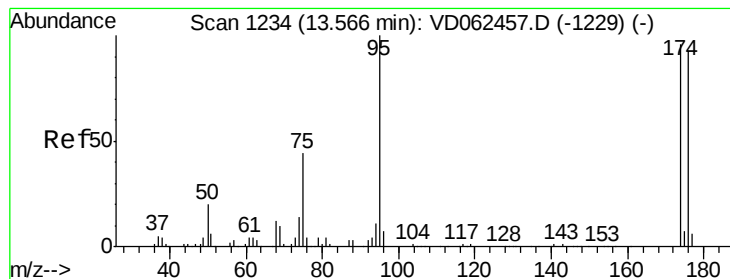
100 67.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 41.534 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.00 min

Lab File: VD062542.D

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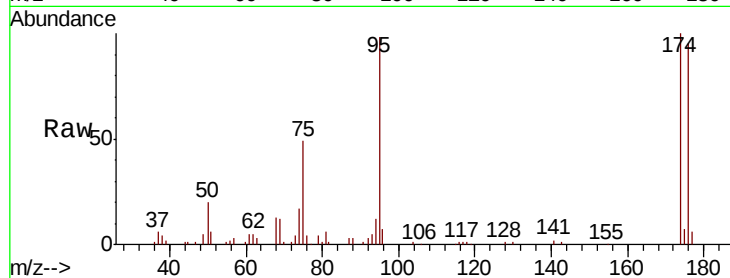
Tot Ion: 95 Resp: 135403

Ion Ratio Lower Upper

95 100

174 102.1 0.0 181.8

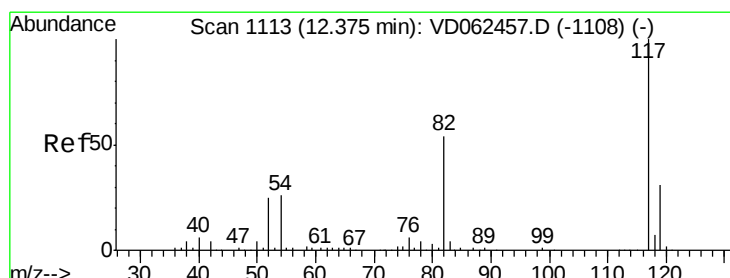
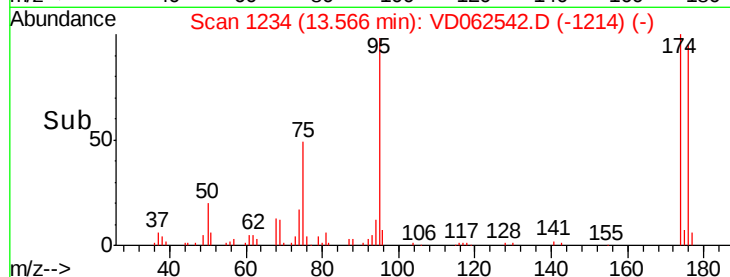
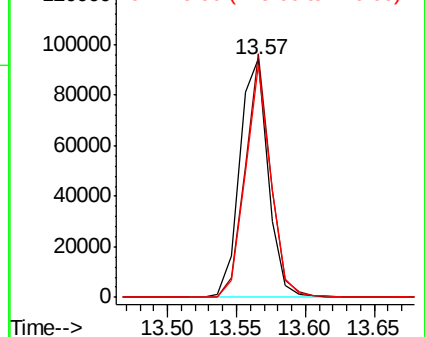
176 97.1 0.0 174.4



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: 12.38 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VD062542.D

Acq: 28 May 2019 16:47

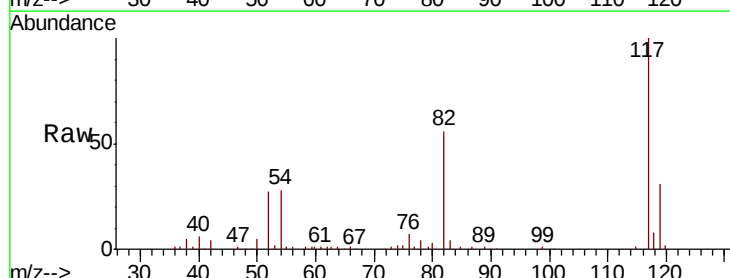
Tgt Ion: 117 Resp: 315136

Ion Ratio Lower Upper

117 100

82 56.5 36.2 54.2#

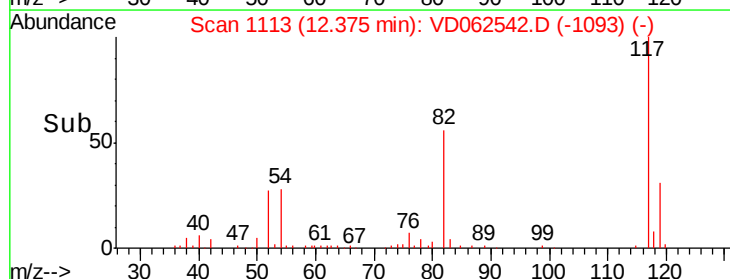
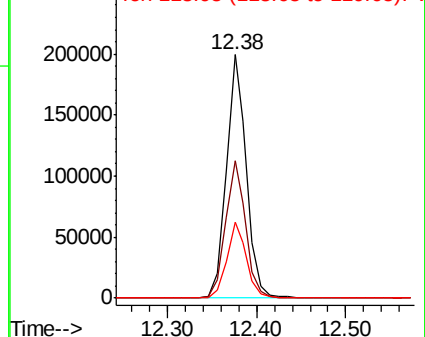
119 31.4 26.2 39.4

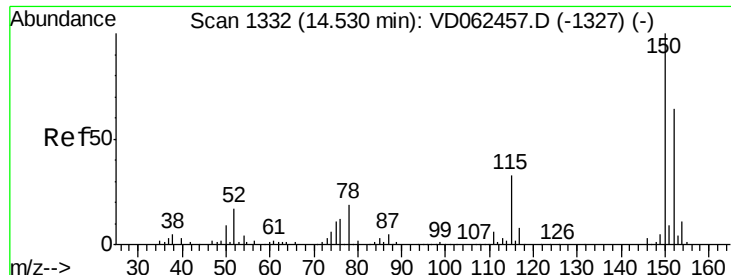


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1331

Delta R.T. -0.01 min

Lab File: VD062542.D

Acq: 28 May 2019 16:47

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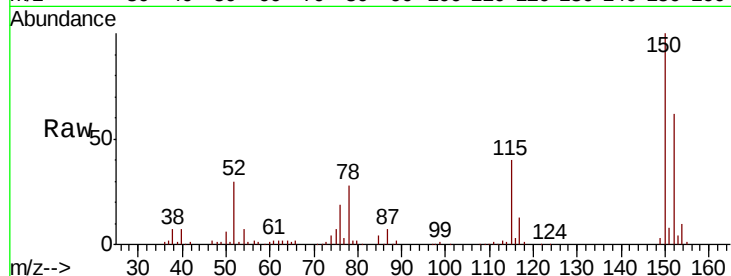
Tot Ion:152 Resp: 178628

Ion Ratio Lower Upper

152 100

115 64.5 30.9 92.7

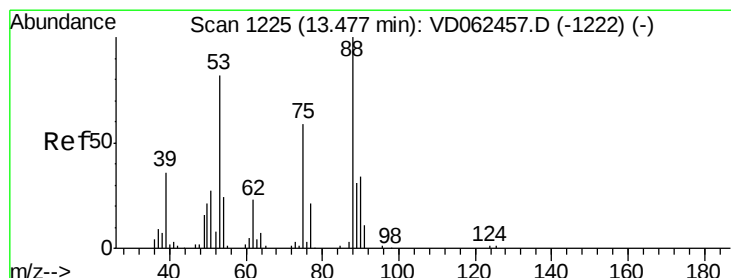
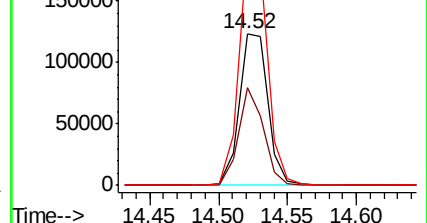
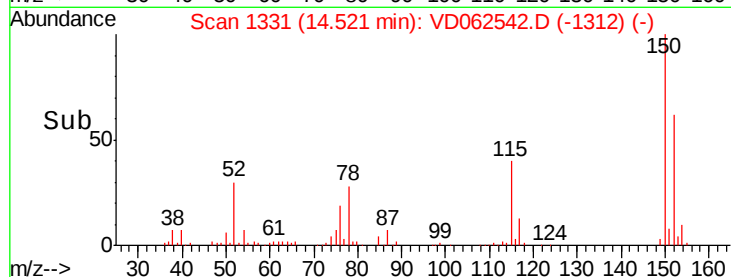
150 160.3 0.0 314.8



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: 117.770 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.09 min

Lab File: VD062542.D

Acq: 28 May 2019 16:47

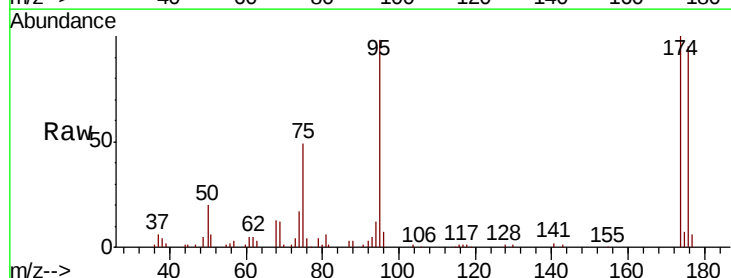
Tgt Ion: 75 Resp: 69884

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

