

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065111.D
 Acq On : 07 Feb 2020 15:50
 Operator : VA/SY
 Sample : L1403-06
 Misc : 10.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 08 00:08:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

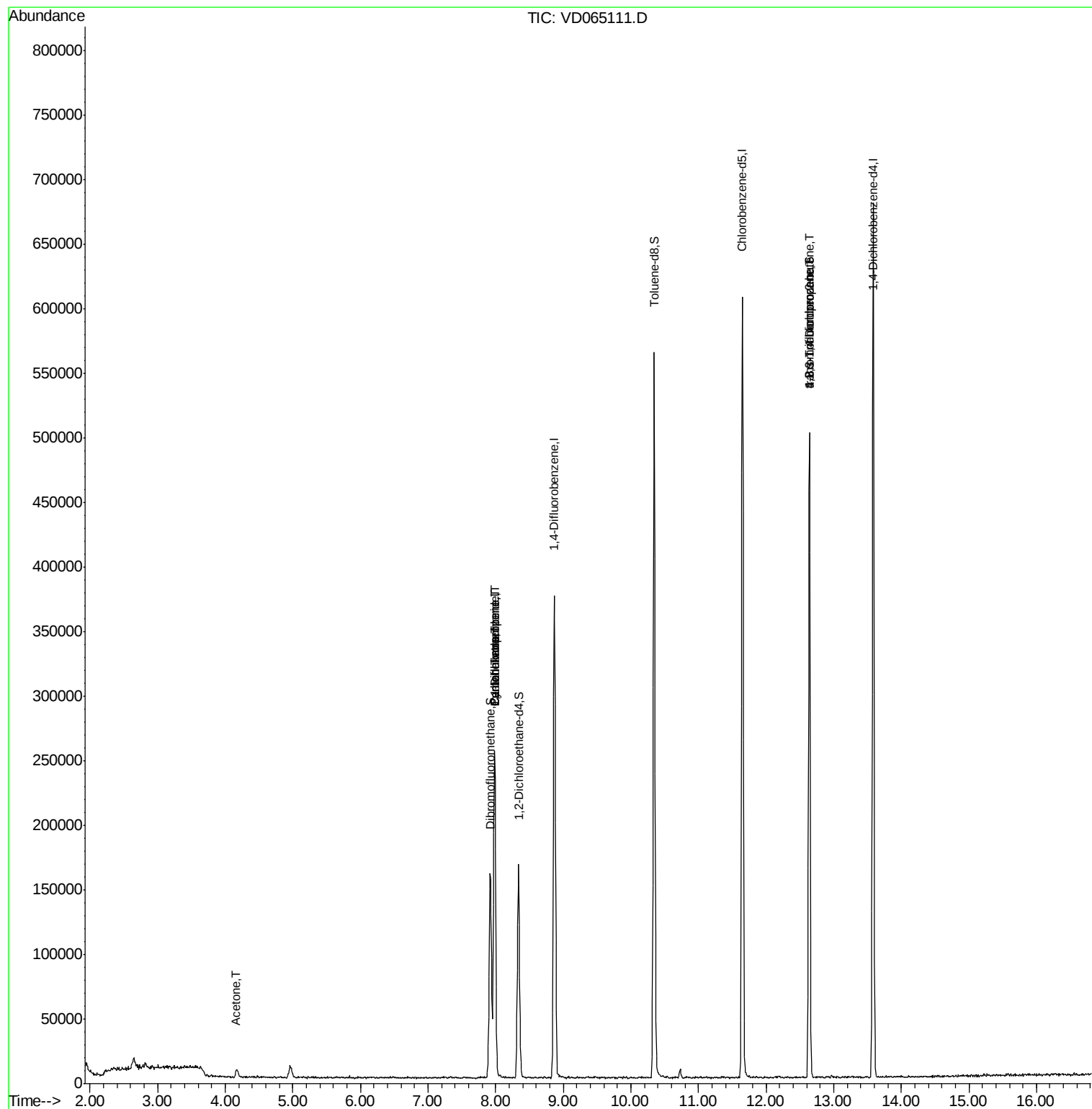
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	195723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	314556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	357171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	185075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	129807	78.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.06%	
35) Dibromofluoromethane	7.92	113	114194	65.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.14%	
50) Toluene-d8	10.34	98	386080	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.54%	
62) 4-Bromofluorobenzene	12.64	95	154794	69.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.86%	
Target Compounds						
16) Acetone	4.17	43	10227	24.590	ug/l	99
20) Methylene Chloride	4.97	84	6770	Below Cal	#	81
31) Cyclohexane	7.98	56	4063	1.228	ug/l #	39
36) 1,1-Dichloropropene	7.98	75	15021	5.136	ug/l #	46
38) Carbon Tetrachloride	7.98	117	18393	6.157	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	80892	57.730	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	80892	115.455	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020720\
Data File : VD065111.D
Acq On : 07 Feb 2020 15:50
Operator : VA/SY
Sample : L1403-06
Misc : 10.38G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 08 00:08:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065111.D

Acq: 07 Feb 2020 15:50

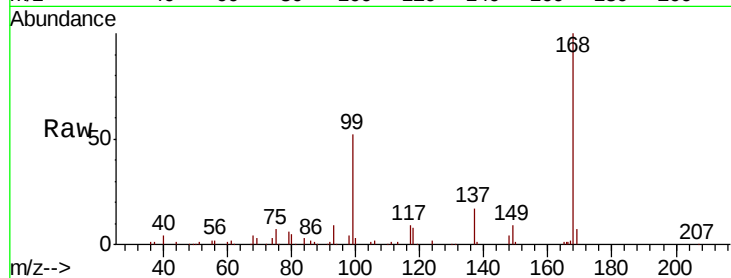
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 195723

Ion Ratio Lower Upper

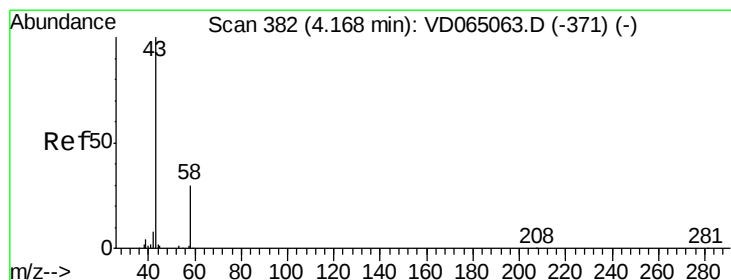
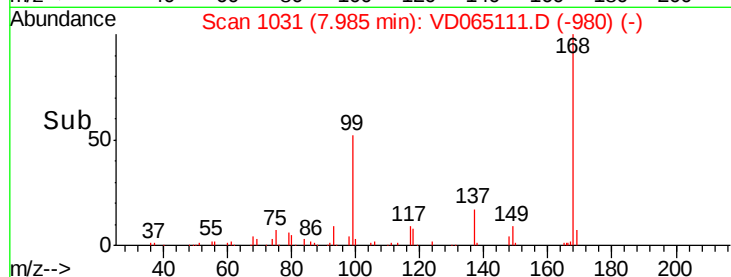
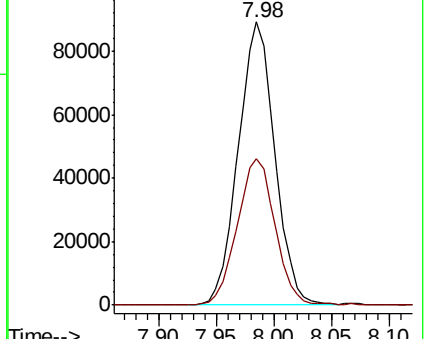
168 100

99 51.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 24.590 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065111.D

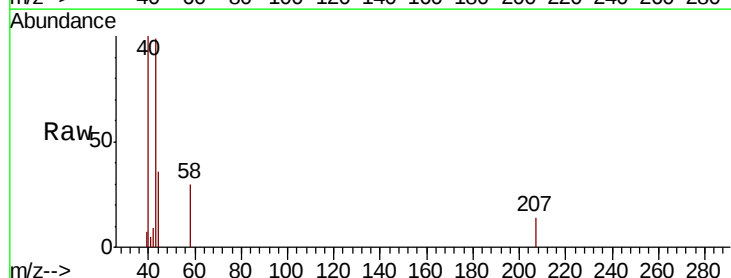
Acq: 07 Feb 2020 15:50

Tgt Ion: 43 Resp: 10227

Ion Ratio Lower Upper

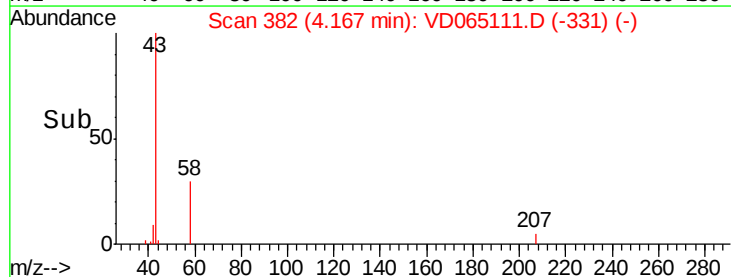
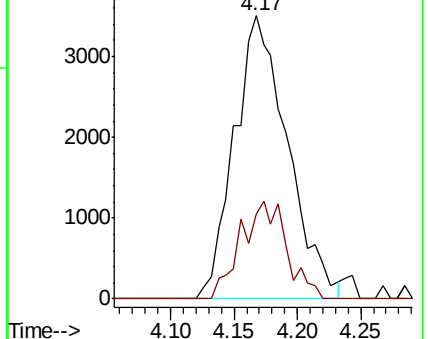
43 100

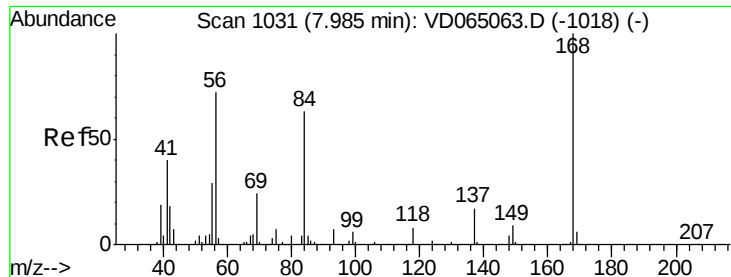
58 30.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

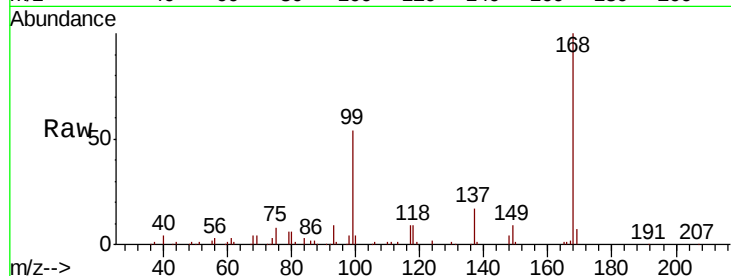




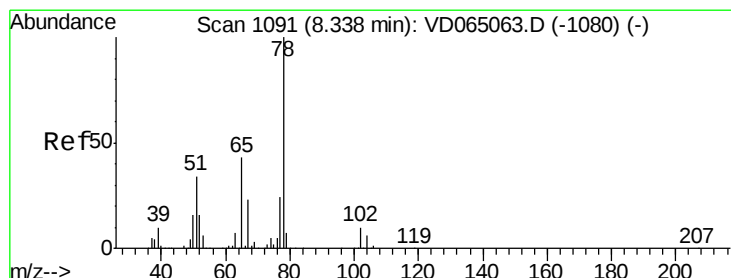
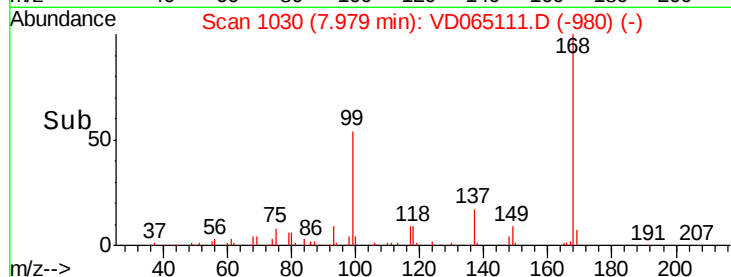
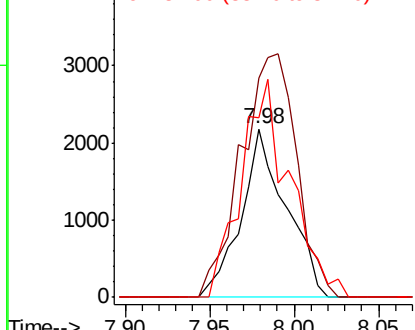
#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065111.D
Acq: 07 Feb 2020 15:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 4063
Ion Ratio Lower Upper
56 100
69 130.4 26.6 40.0#
84 106.7 70.6 106.0#

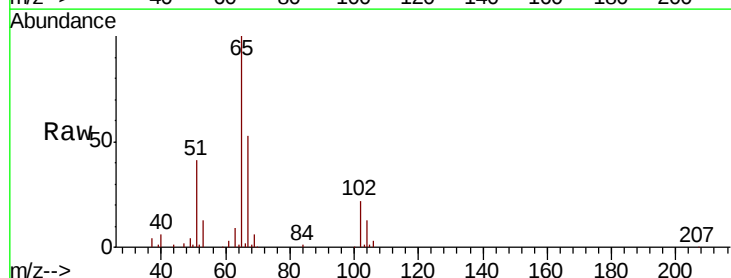


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

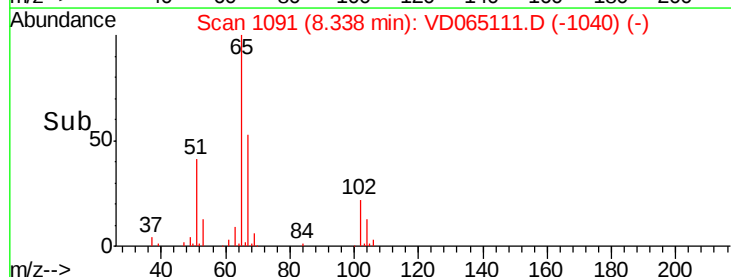
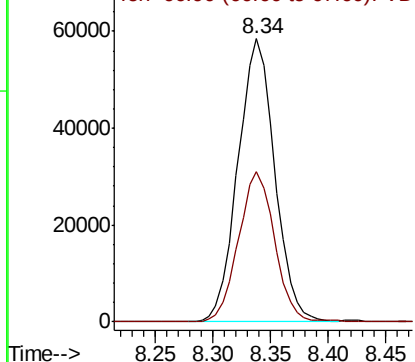


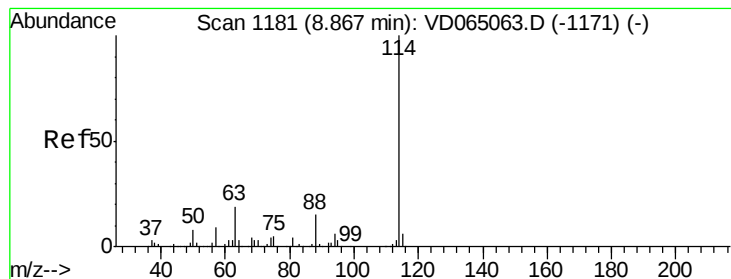
#33
1,2-Dichloroethane-d4
Concen: 78.034 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065111.D
Acq: 07 Feb 2020 15:50

Tgt Ion: 65 Resp: 129807
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065111.D

Acq: 07 Feb 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

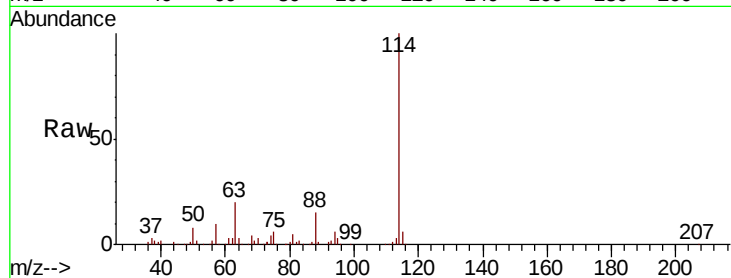
Tot Ion:114 Resp: 314556

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

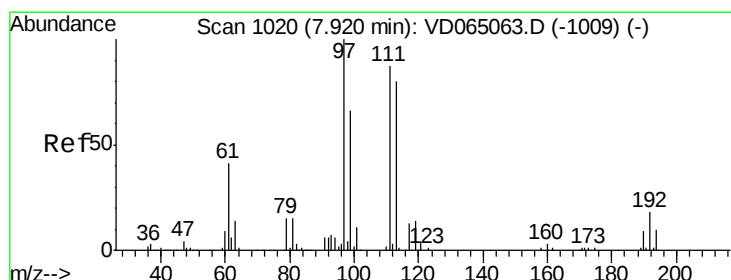
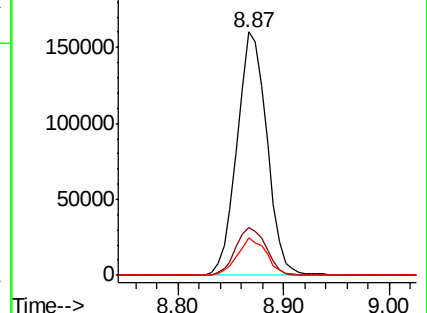
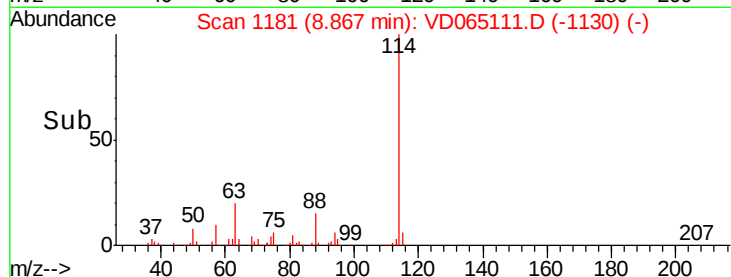
88 15.3 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 65.067 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065111.D

Acq: 07 Feb 2020 15:50

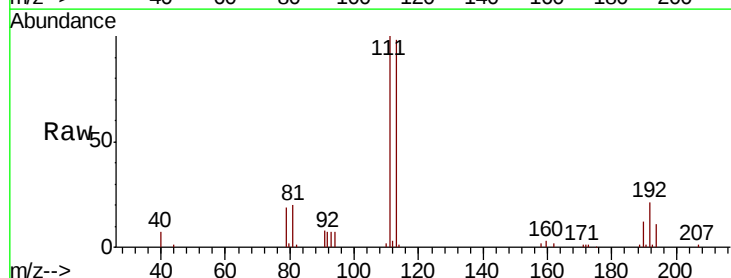
Tgt Ion:113 Resp: 114194

Ion Ratio Lower Upper

113 100

111 100.8 83.1 124.7

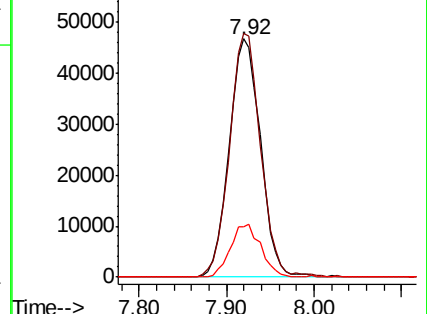
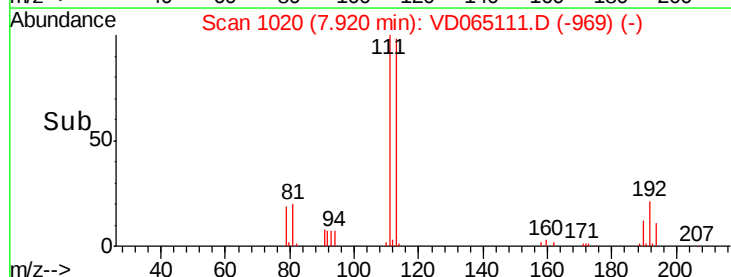
192 21.4 18.1 27.1

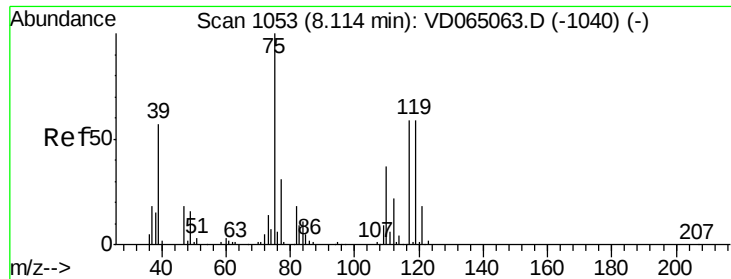


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

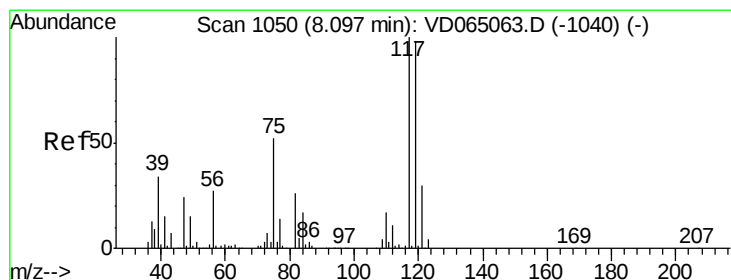
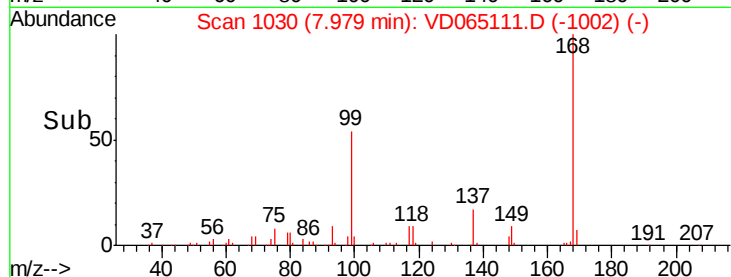
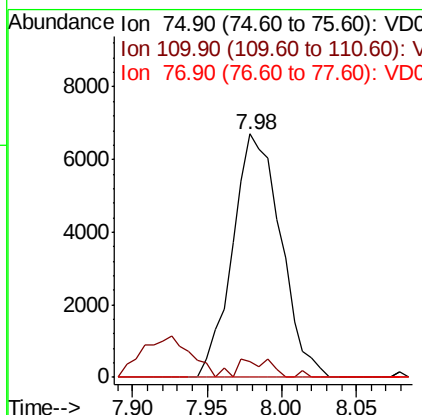
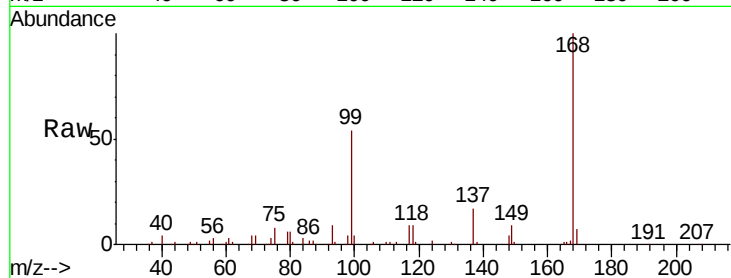




#36
 1,1-Dichloropropene
 Concen: 5.136 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065111.D
 Acq: 07 Feb 2020 15:50

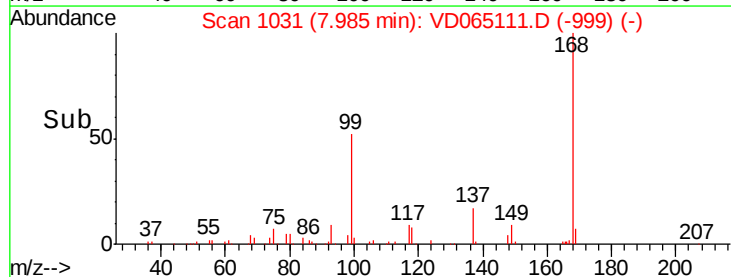
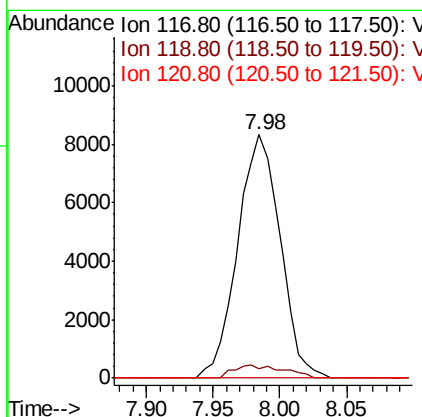
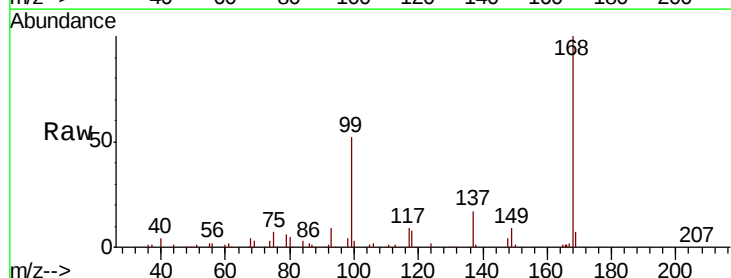
Instrument :
 MSVOA_D
 ClientSampleId :

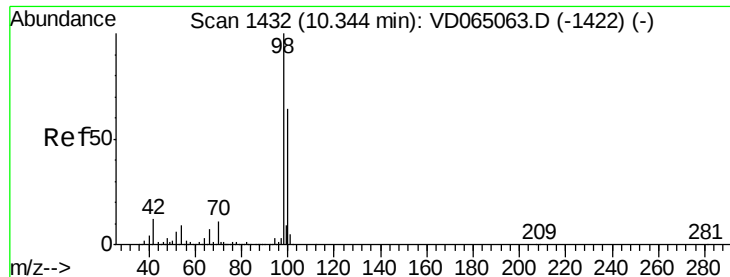
Tot Ion	Ratio	Lower	Upper
75	100		
110	5.3	18.1	54.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.157 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065111.D
 Acq: 07 Feb 2020 15:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.5	117.7#
121	0.0	23.8	35.6#

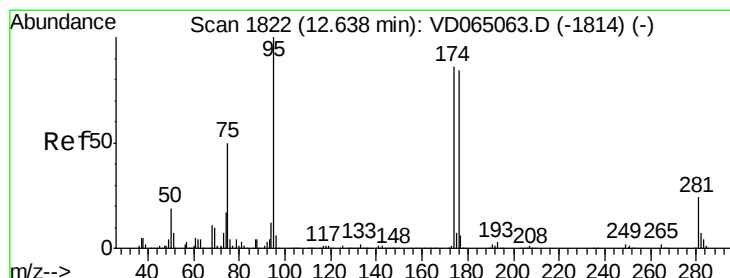
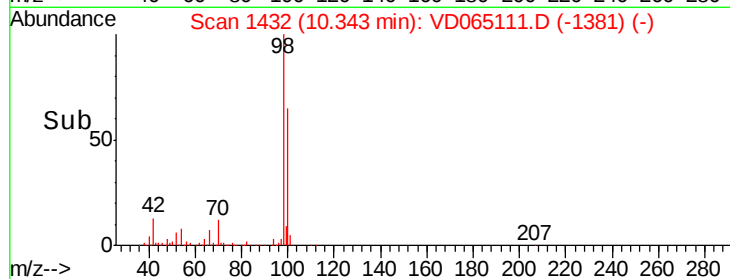
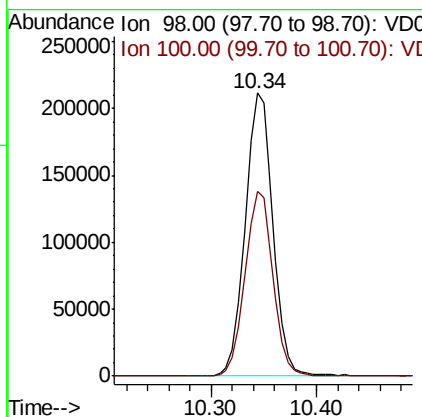
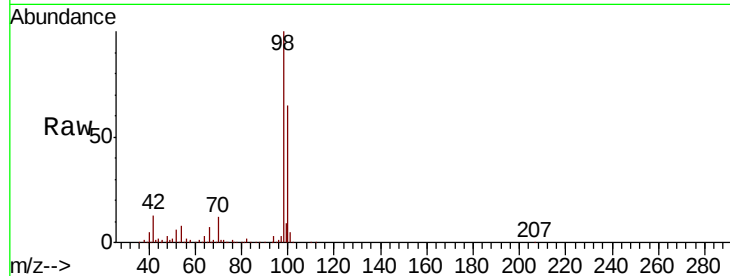




#50
Toluene-d8
Concen: 55.269 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065111.D
Acq: 07 Feb 2020 15:50

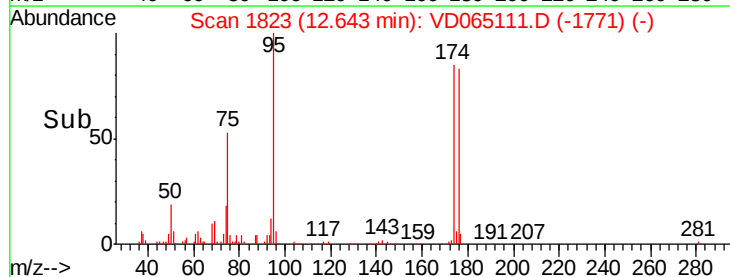
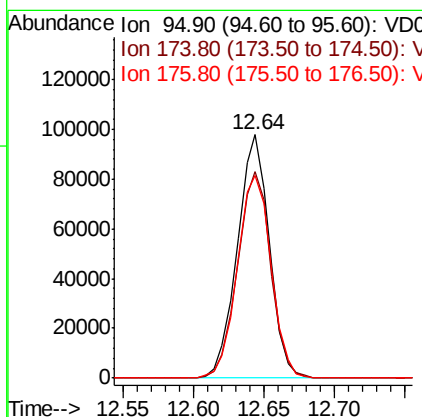
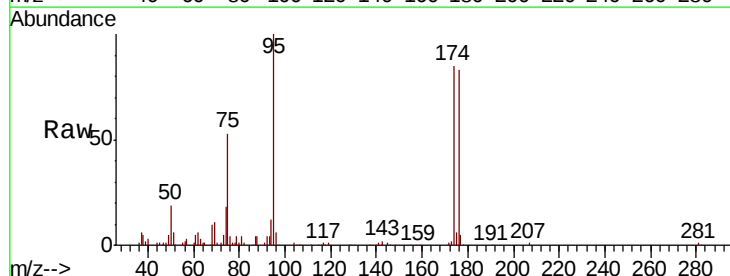
Instrument :
MSVOA_D
ClientSampled :

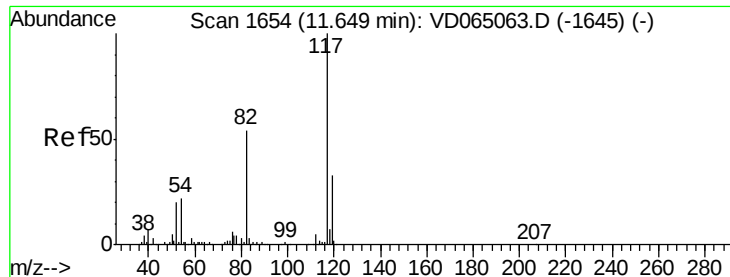
Tot Ion: 98 Resp: 386080
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 69.933 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065111.D
Acq: 07 Feb 2020 15:50

Tgt Ion: 95 Resp: 154794
Ion Ratio Lower Upper
95 100
174 87.4 0.0 180.0
176 88.0 0.0 173.2

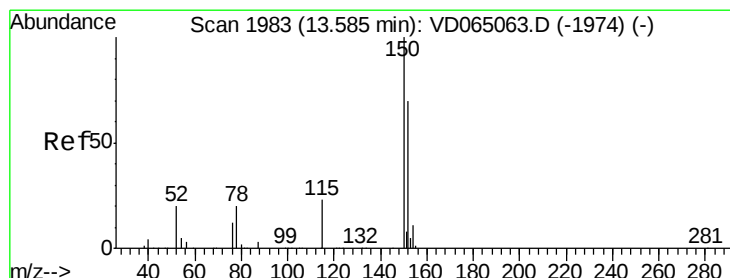
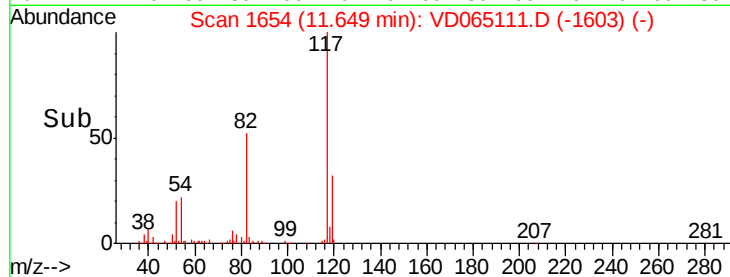
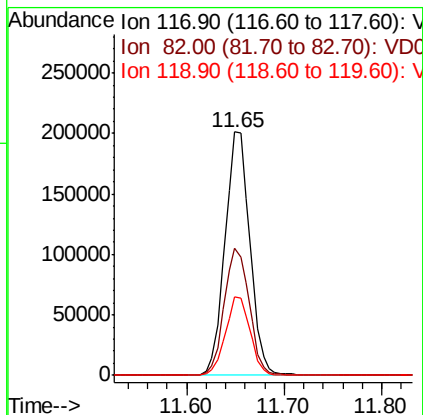
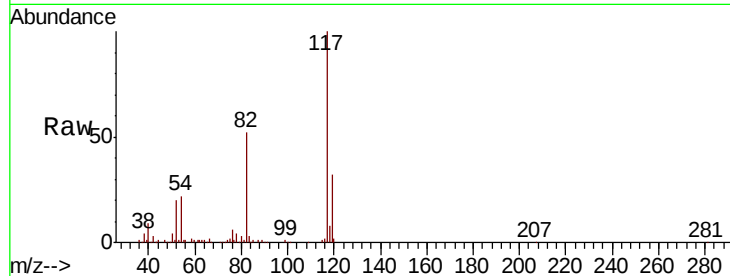




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065111.D
Acq: 07 Feb 2020 15:50

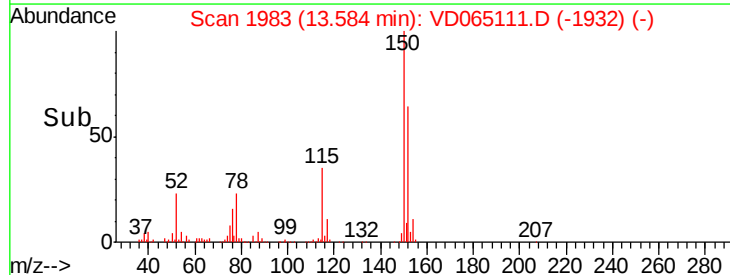
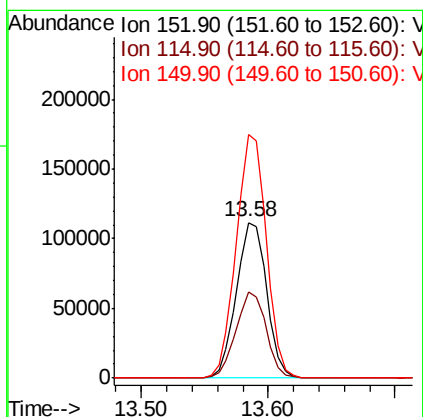
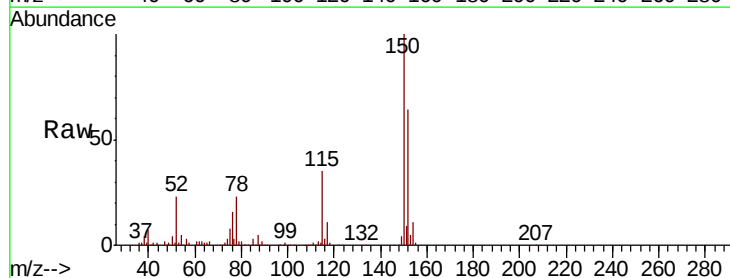
Instrument :
MSVOA_D
ClientSampleId :

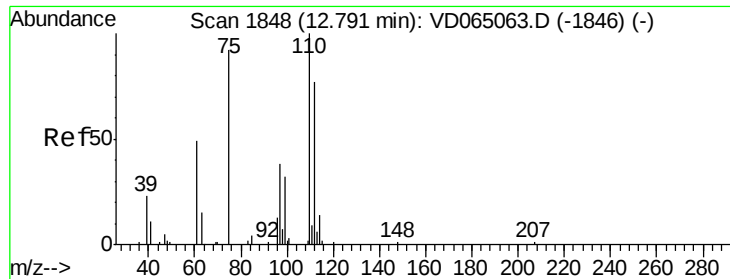
Tot Ion:117 Resp: 357171
Ion Ratio Lower Upper
117 100
82 52.3 43.1 64.7
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065111.D
Acq: 07 Feb 2020 15:50

Tgt Ion:152 Resp: 185075
Ion Ratio Lower Upper
152 100
115 54.9 27.5 82.4
150 155.3 0.0 343.2





#76

1,2,3-Trichloropropane

Concen: 57.730 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065111.D

Acq: 07 Feb 2020 15:50

Instrument :

MSVOA_D

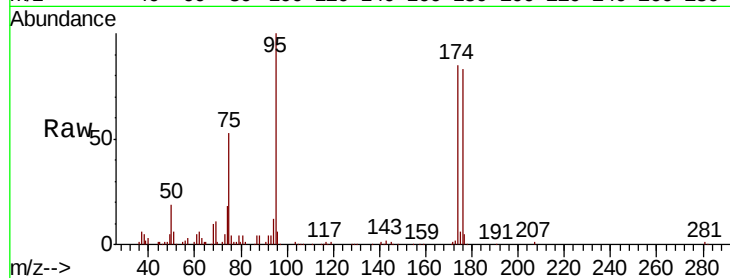
ClientSampleId :

Tot Ion: 75 Resp: 80892

Ion Ratio Lower Upper

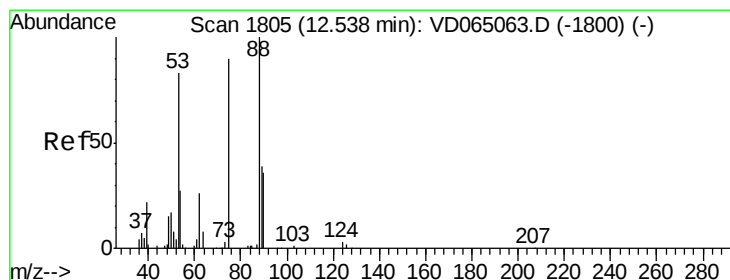
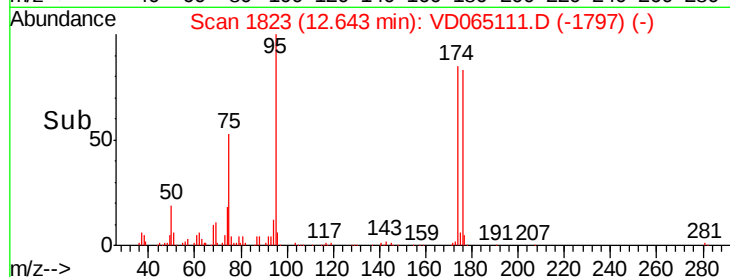
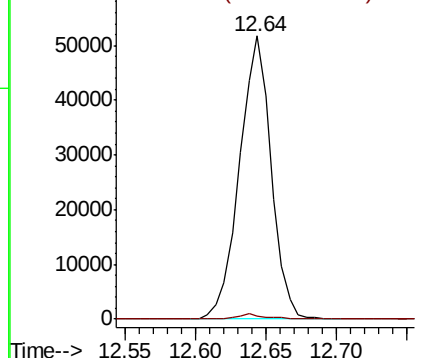
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 115.455 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065111.D

Acq: 07 Feb 2020 15:50

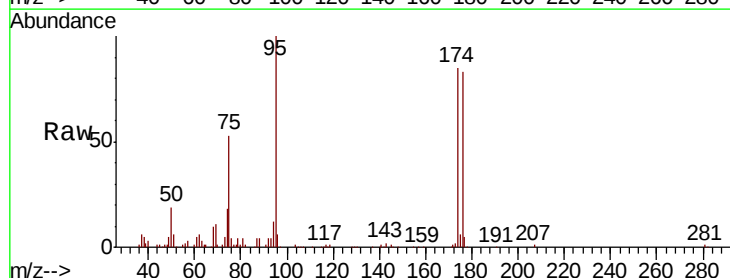
Tgt Ion: 75 Resp: 80892

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

