

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022420\
 Data File : VD065288.D
 Acq On : 24 Feb 2020 12:10
 Operator : VA/SY
 Sample : L1635-01RE
 Misc : 5.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 01:20:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

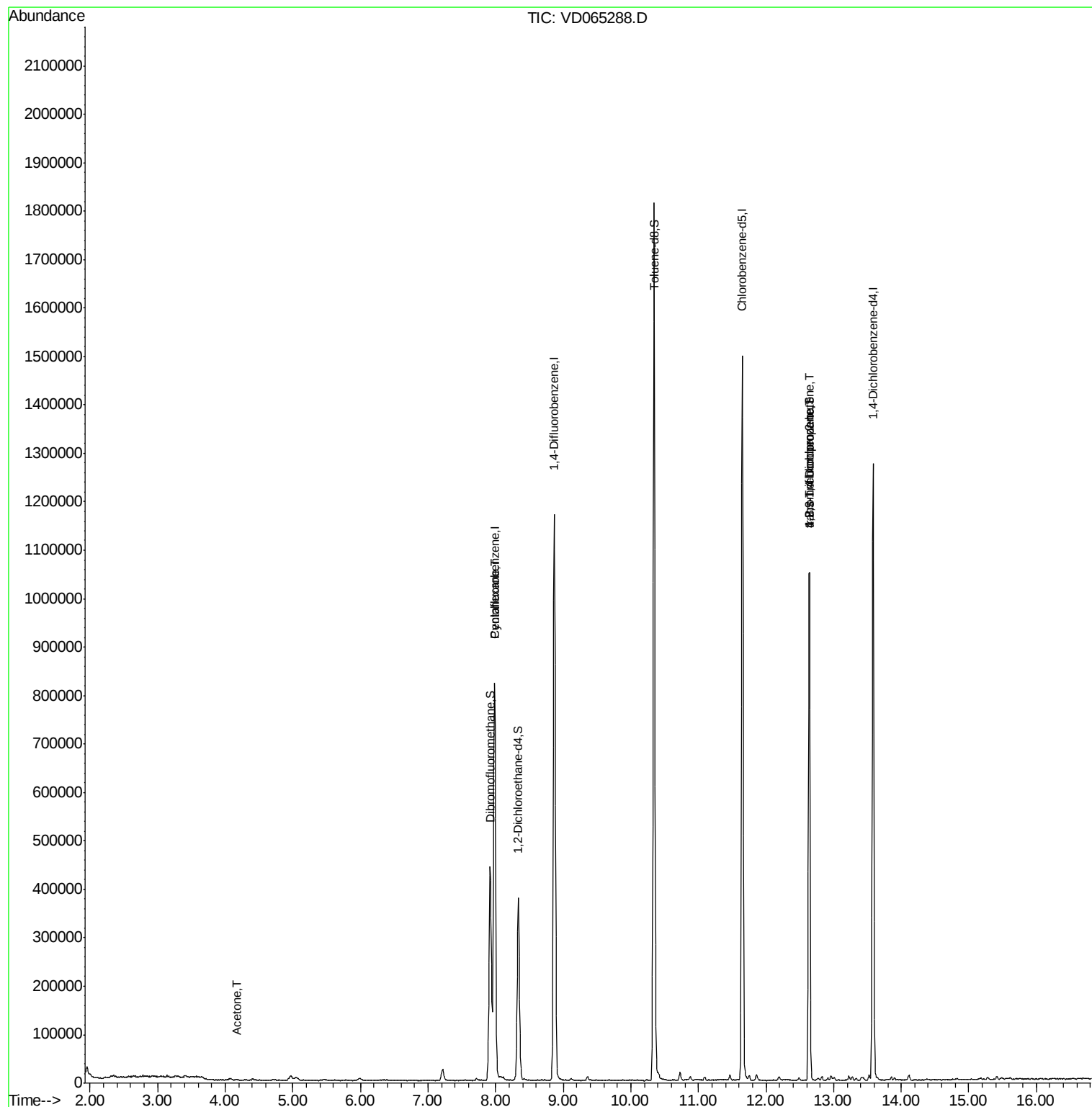
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	642185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1034533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	879237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	350836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	300316	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	7.92	113	319790	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	10.34	98	1216907	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.64	95	340445	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
13) Acrolein	3.93	56	62	Below Cal	#	65
16) Acetone	4.16	43	2758	1.953	ug/l	94
20) Methylene Chloride	4.96	84	7123	Below Cal	#	89
31) Cyclohexane	7.99	56	14621	1.287	ug/l #	2
76) 1,2,3-Trichloropropane	12.64	75	168277	56.374	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	168277	121.721	ug/l #	11

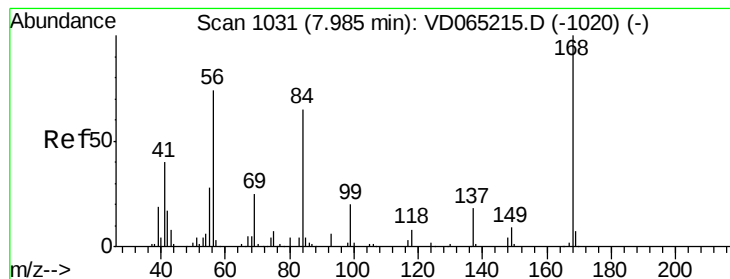
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022420\
Data File : VD065288.D
Acq On : 24 Feb 2020 12:10
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QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065288.D

Acq: 24 Feb 2020 12:10

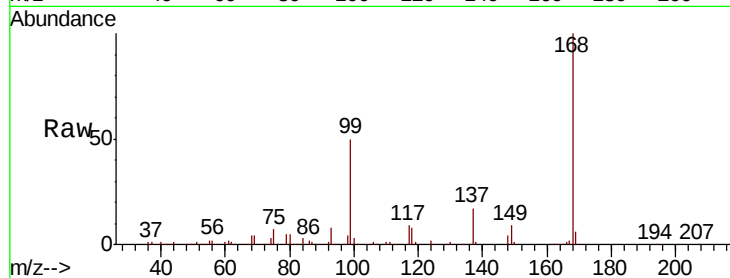
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 642185

Ion Ratio Lower Upper

168 100

99 49.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

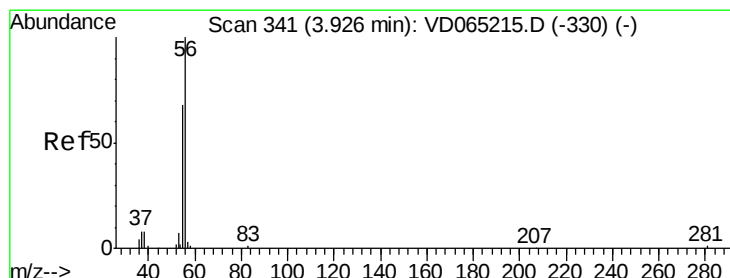
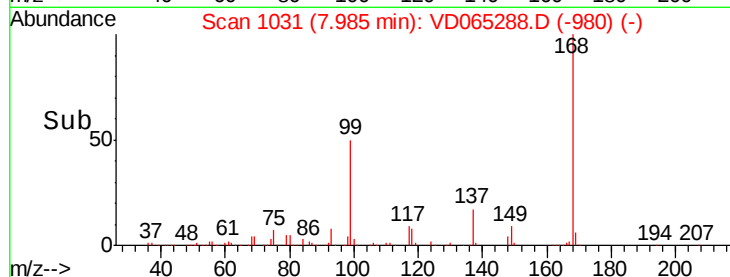
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD065288.D

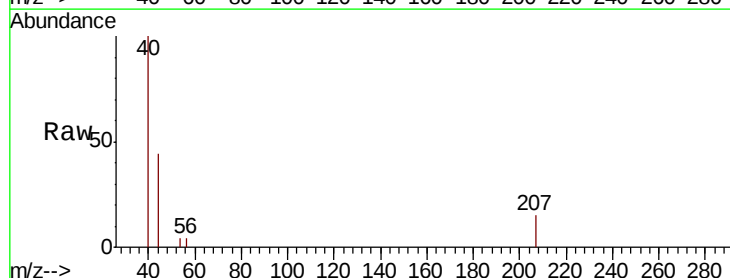
Acq: 24 Feb 2020 12:10

Tgt Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

55 100.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

200

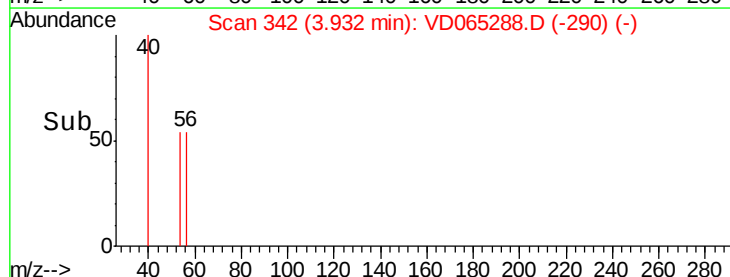
150

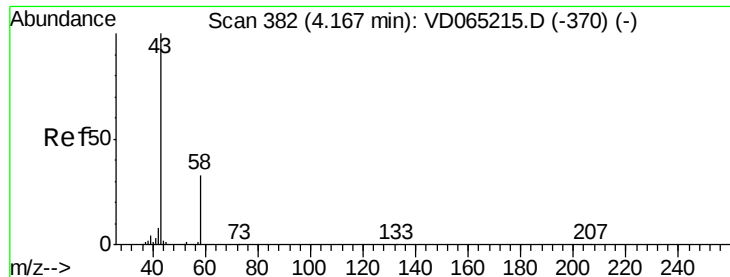
100

50

0

Time-->

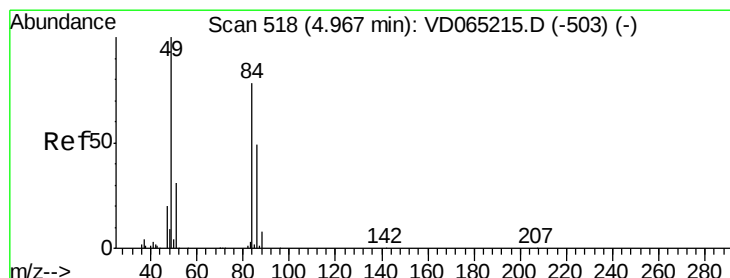
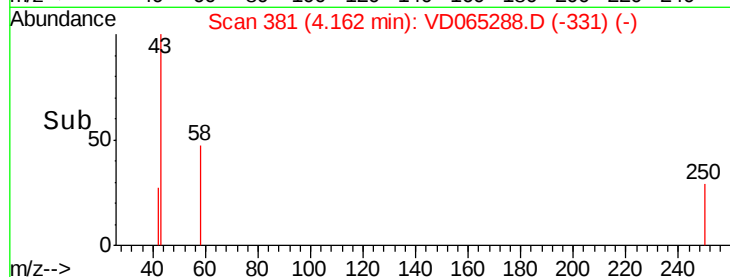
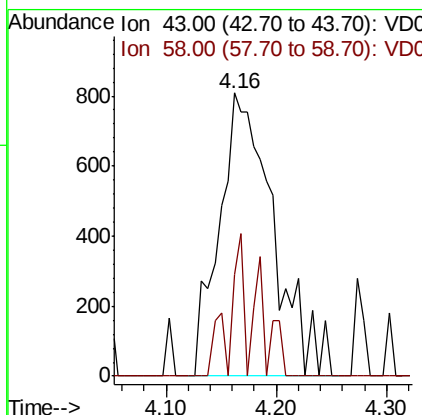
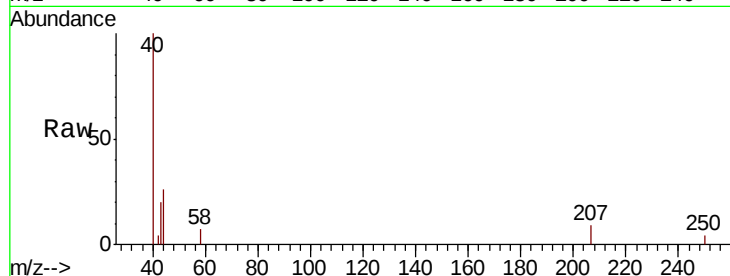




#16
Acetone
Concen: 1.953 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD065288.D
Acq: 24 Feb 2020 12:10

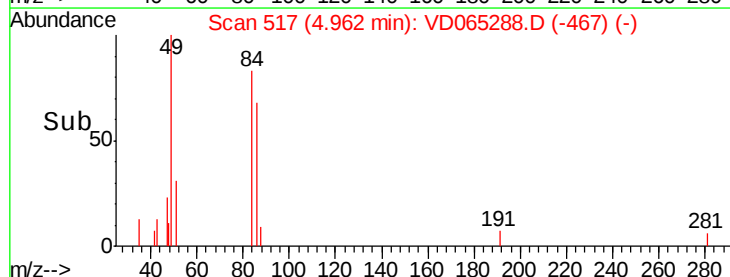
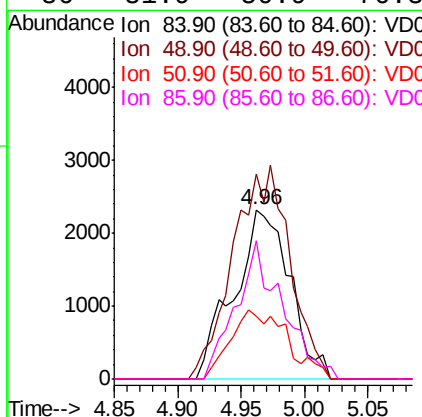
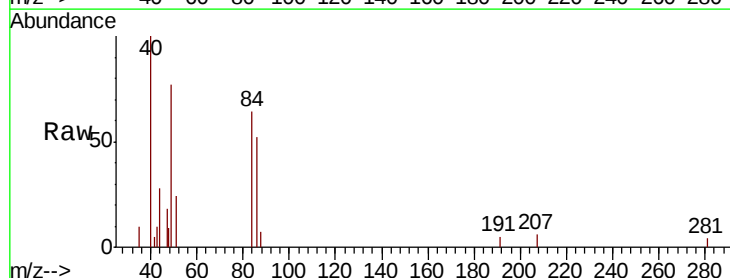
Instrument :
MSVOA_D
ClientSampleId :

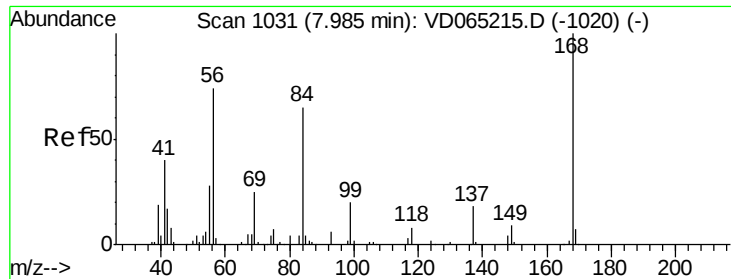
Tot Ion: 43 Resp: 2758
Ion Ratio Lower Upper
43 100
58 36.0 26.2 39.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065288.D
Acq: 24 Feb 2020 12:10

Tgt Ion: 84 Resp: 7123
Ion Ratio Lower Upper
84 100
49 120.8 103.1 154.7
51 36.9 31.7 47.5
86 81.9 50.9 76.3#

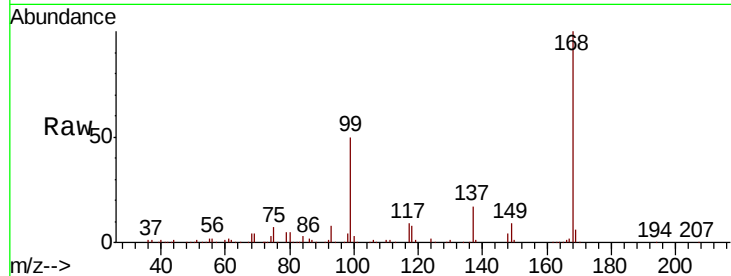




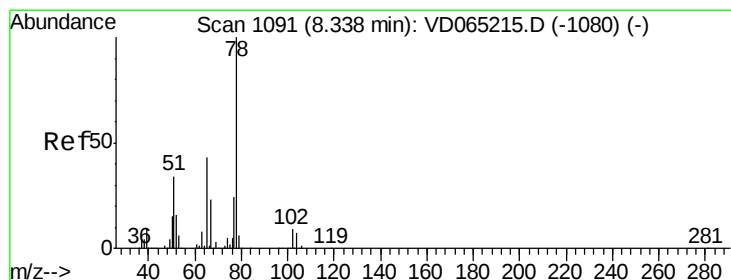
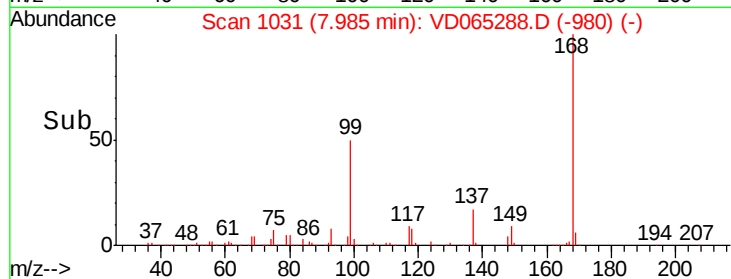
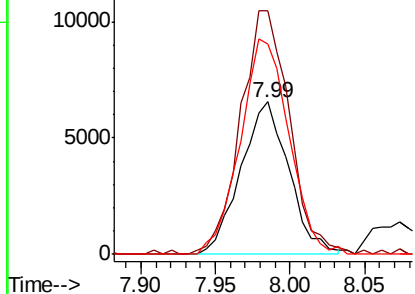
#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065288.D
Acq: 24 Feb 2020 12:10

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 14621
Ion Ratio Lower Upper
56 100
69 159.6 27.4 41.0#
84 137.9 71.1 106.7#

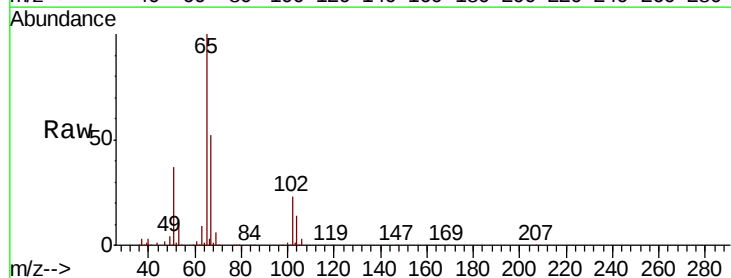


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

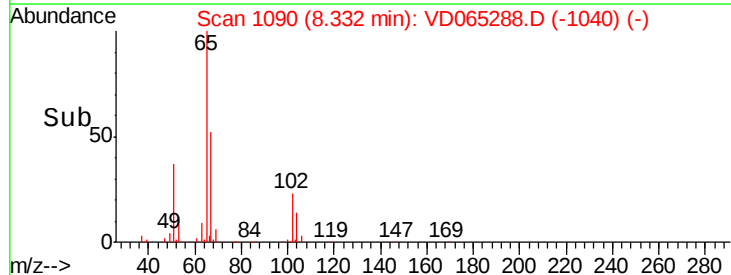
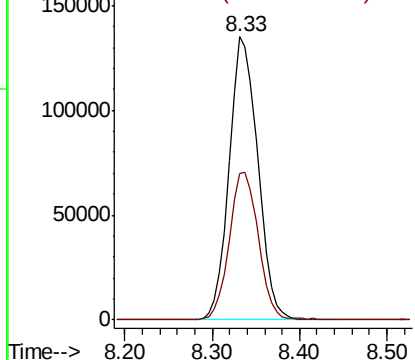


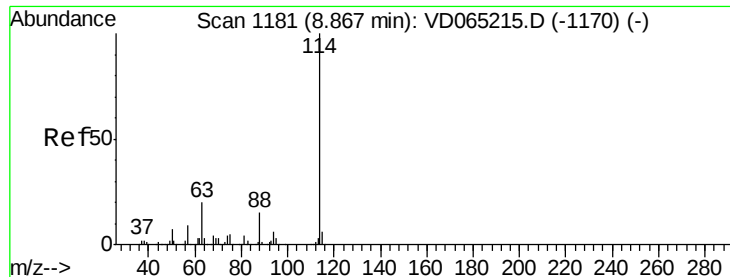
#33
1,2-Dichloroethane-d4
Concen: 51.983 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065288.D
Acq: 24 Feb 2020 12:10

Tgt Ion: 65 Resp: 300316
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.8



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

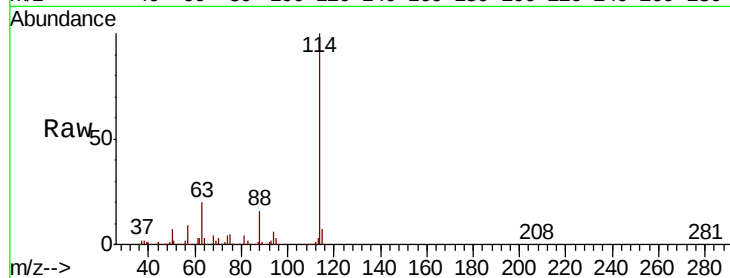




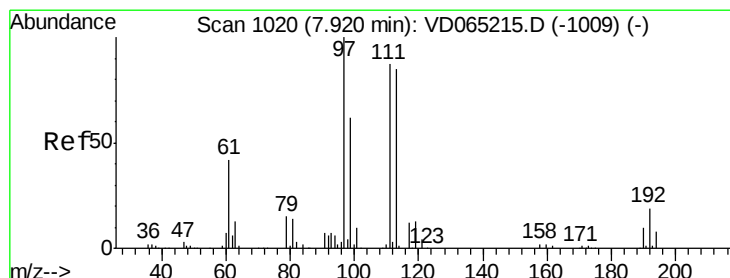
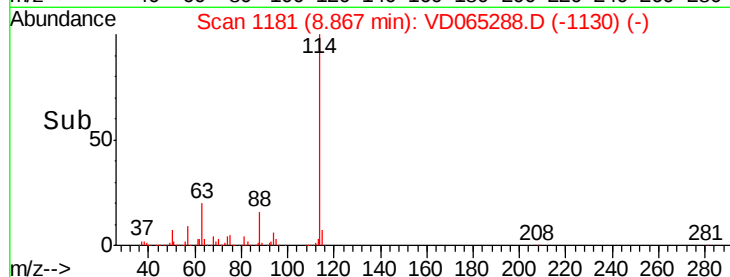
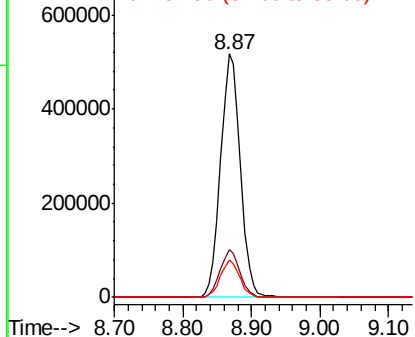
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065288.D
Acq: 24 Feb 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 1034533
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.4
88 15.6 0.0 30.4

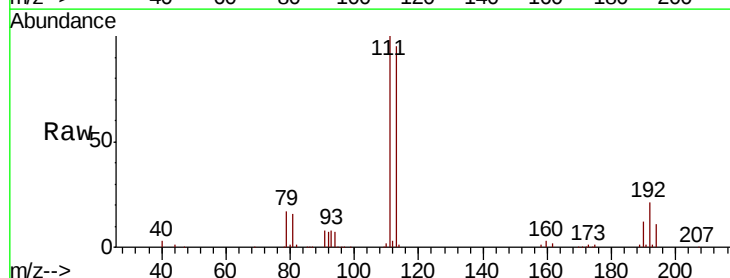


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

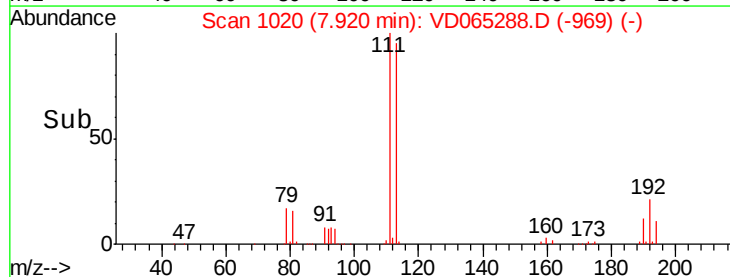
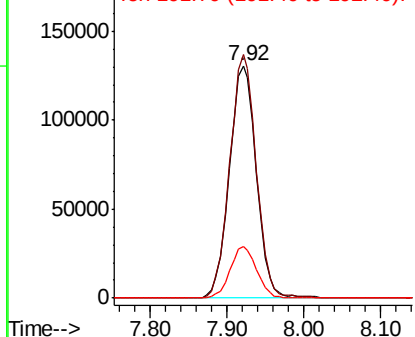


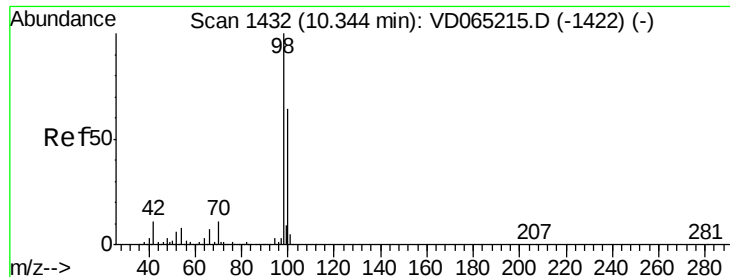
#35
Dibromofluoromethane
Concen: 50.696 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065288.D
Acq: 24 Feb 2020 12:10

Tgt Ion:113 Resp: 319790
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 21.8 17.3 25.9



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

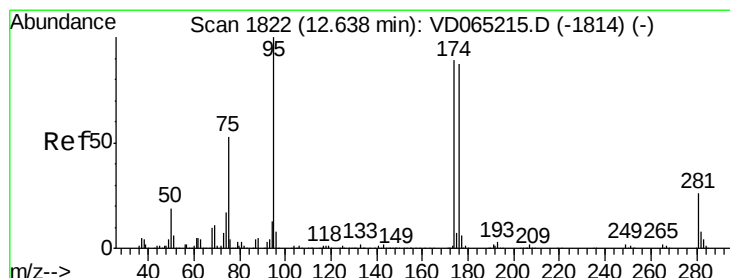
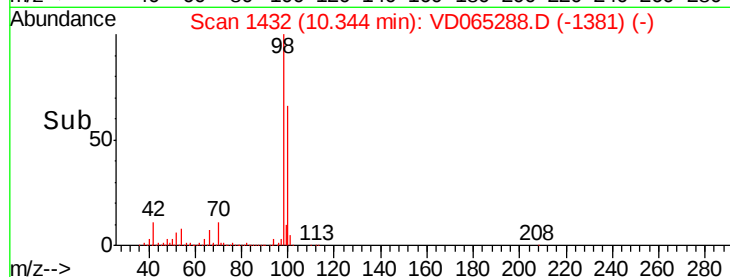
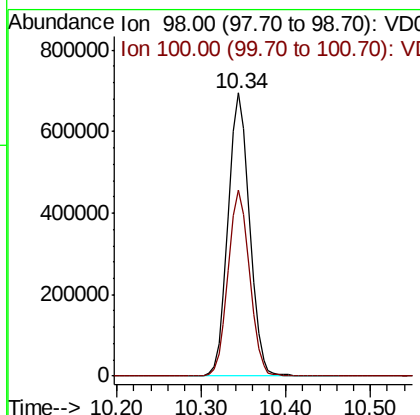
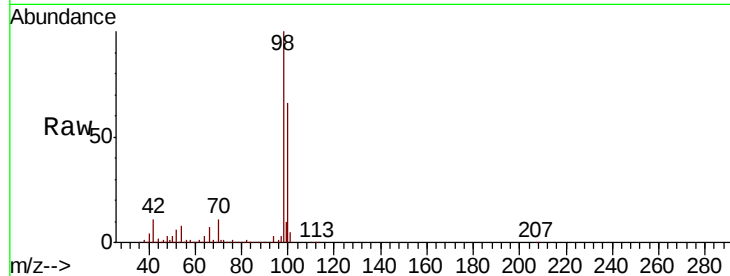




#50
Toluene-d8
Concen: 50.463 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065288.D
Acq: 24 Feb 2020 12:10

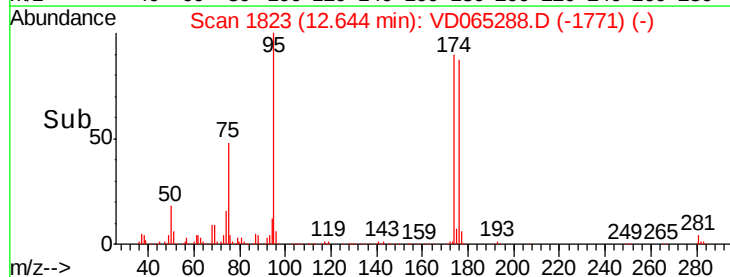
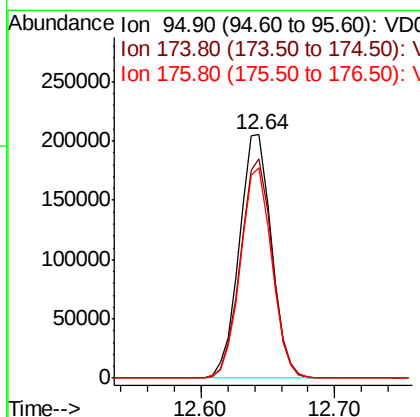
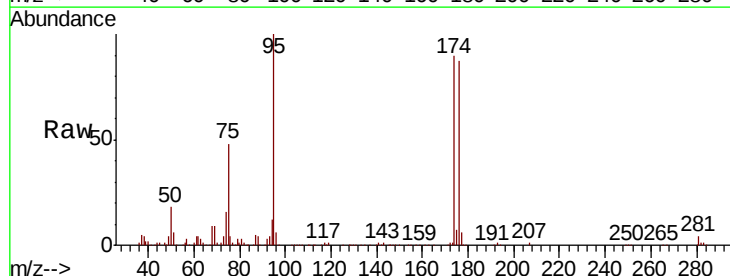
Instrument :
MSVOA_D
ClientSampled :

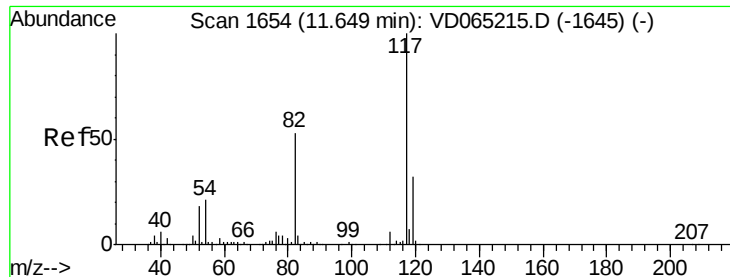
Tot Ion: 98 Resp: 1216907
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.565 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065288.D
Acq: 24 Feb 2020 12:10

Tgt Ion: 95 Resp: 340445
Ion Ratio Lower Upper
95 100
174 89.5 0.0 178.0
176 85.1 0.0 174.4

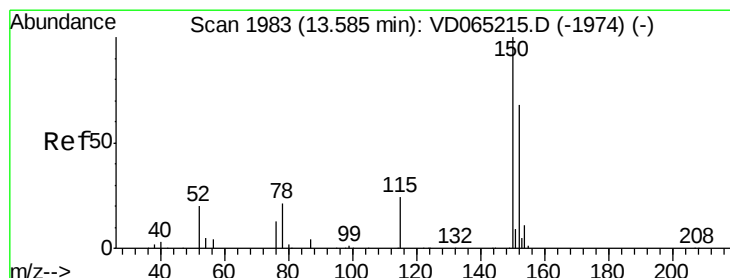
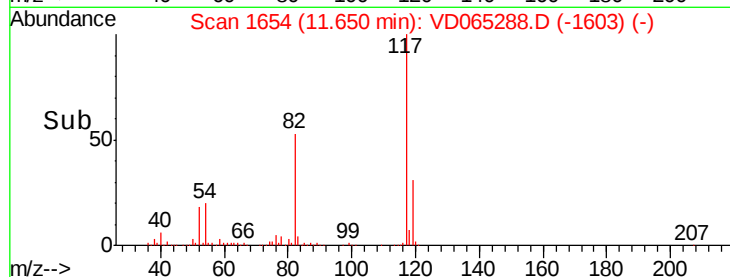
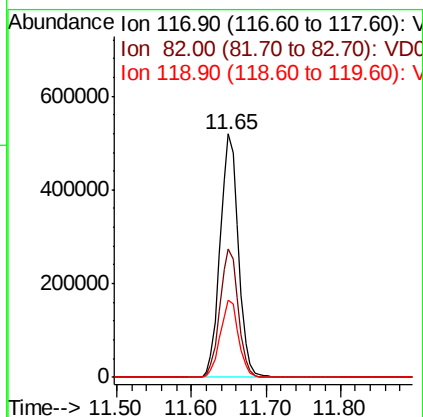
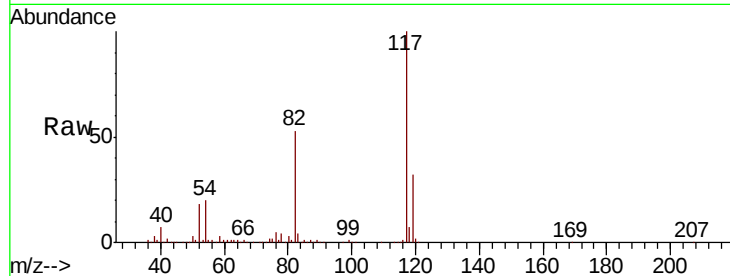




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065288.D
Acq: 24 Feb 2020 12:10

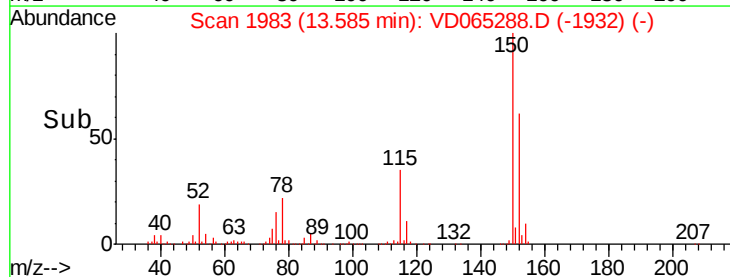
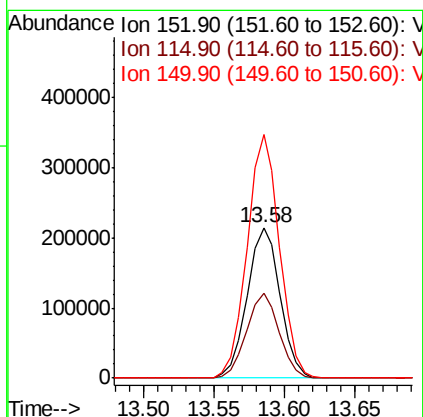
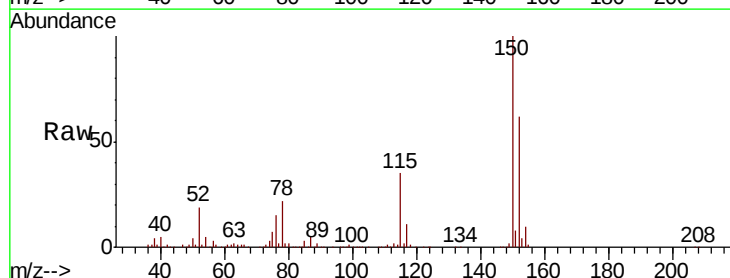
Instrument :
MSVOA_D
ClientSampleId :

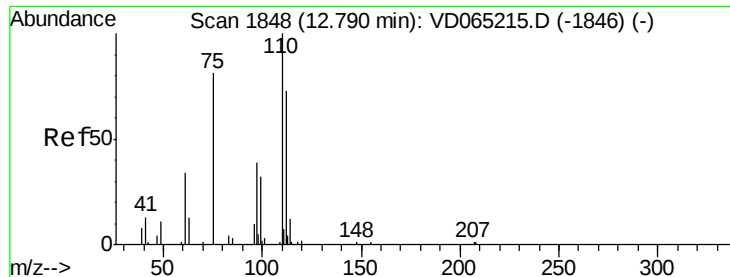
Tot Ion:117 Resp: 879237
Ion Ratio Lower Upper
117 100
82 52.8 42.7 64.1
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065288.D
Acq: 24 Feb 2020 12:10

Tgt Ion:152 Resp: 350836
Ion Ratio Lower Upper
152 100
115 55.8 27.6 82.8
150 158.6 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 56.374 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065288.D

Acq: 24 Feb 2020 12:10

Instrument :

MSVOA_D

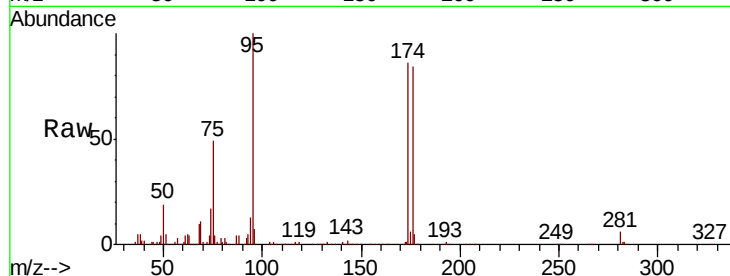
ClientSampled :

Tot Ion: 75 Resp: 168277

Ion Ratio Lower Upper

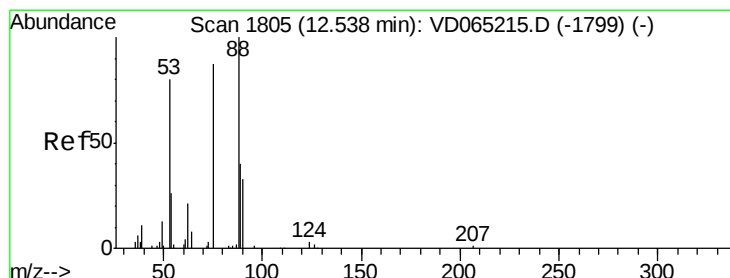
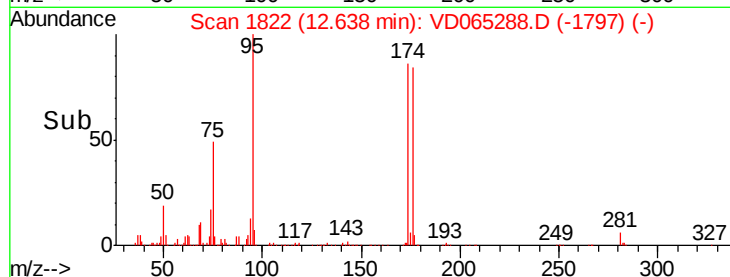
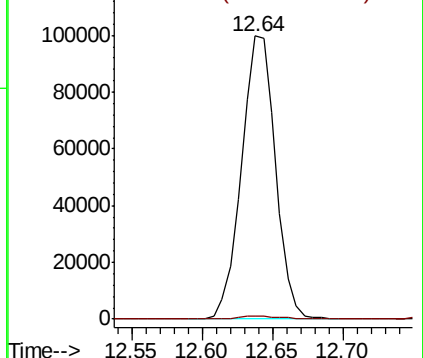
75 100

77 1.3 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: 121.721 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065288.D

Acq: 24 Feb 2020 12:10

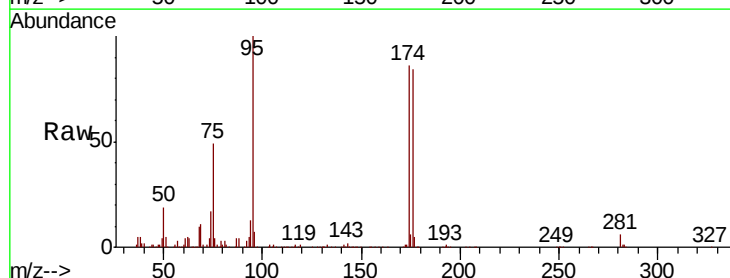
Tgt Ion: 75 Resp: 168277

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.1 37.2 55.8#



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

