

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067488.D
 Acq On : 02 Nov 2020 13:42
 Operator : VA/SY
 Sample : L4215-01
 Misc : 5.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-102820

Quant Time: Nov 03 00:28:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

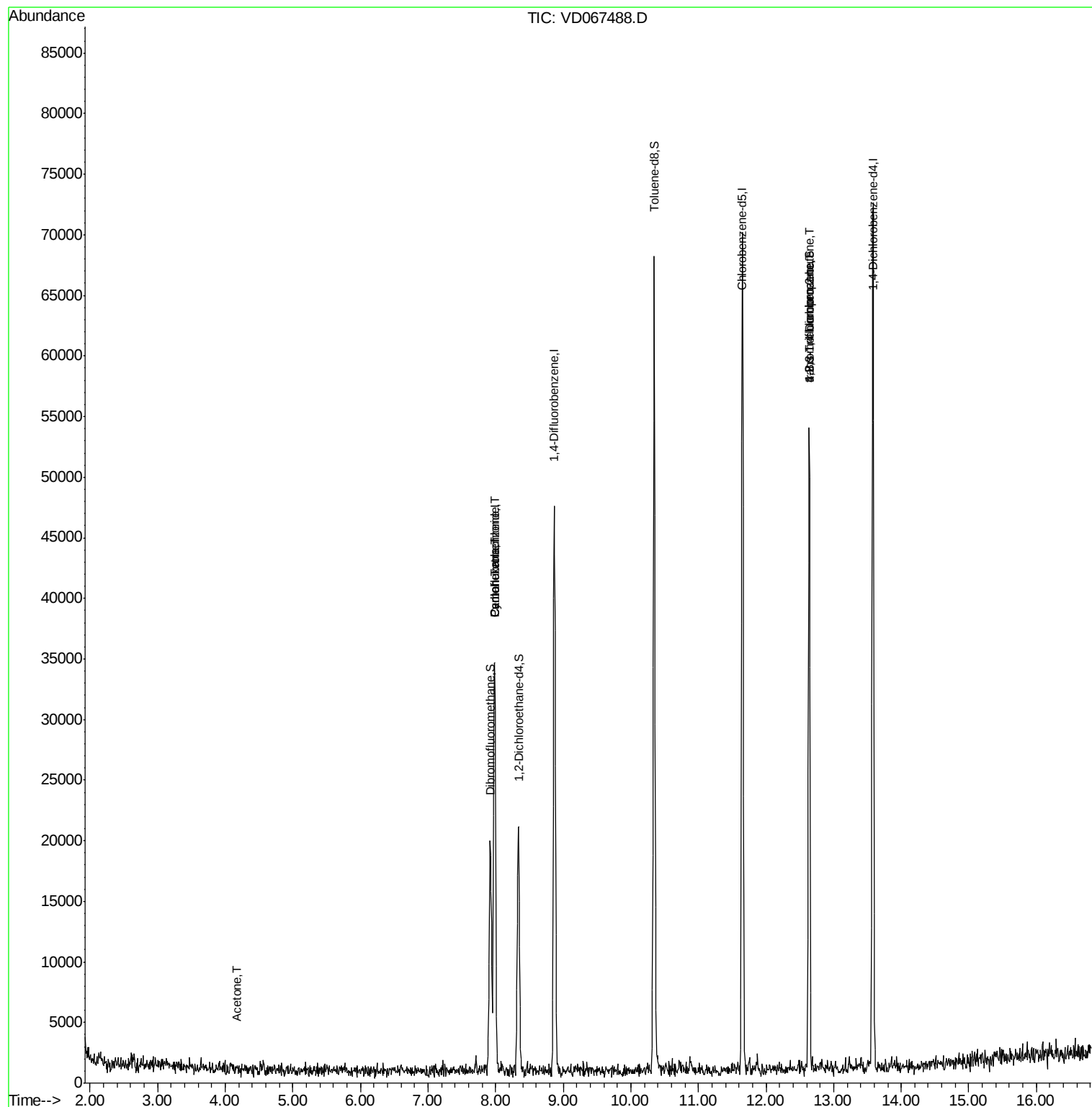
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	25731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	41314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	42343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	21291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	17472	67.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.56%	
35) Dibromofluoromethane	7.92	113	14019	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	10.34	98	46350	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.64	95	17049	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	54	1.496	ug/l #	42
20) Methylene Chloride	4.96	84	55	Below Cal	#	7
31) Cyclohexane	7.99	56	688	2.317	ug/l #	13
38) Carbon Tetrachloride	7.98	117	3315	7.407	ug/l #	13
76) 1,2,3-Trichloropropane	12.64	75	8374	56.747	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	8374	128.686	ug/l #	10

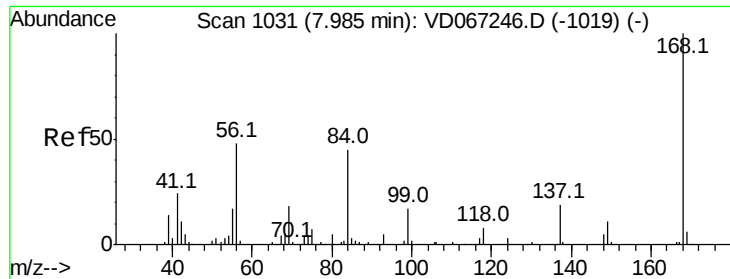
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

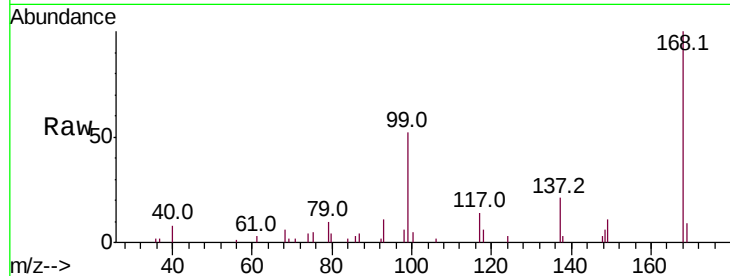
AU-05-102820

Tot Ion:168 Resp: 25731

Ion Ratio Lower Upper

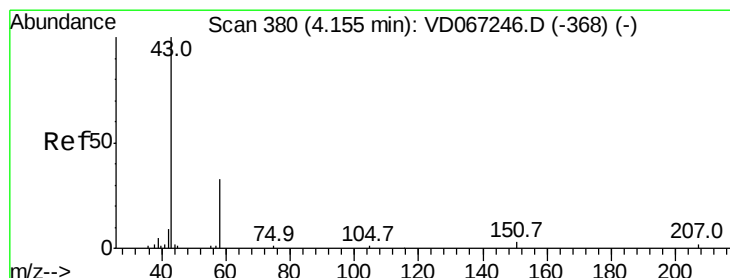
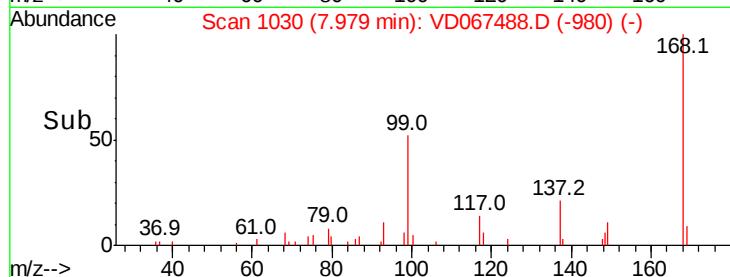
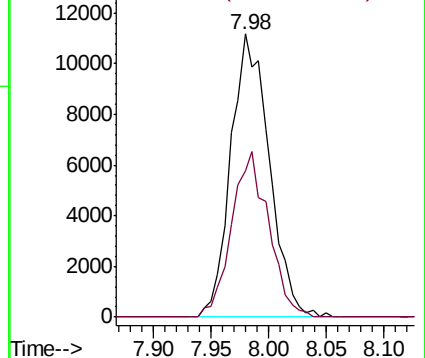
168 100

99 51.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 1.496 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067488.D

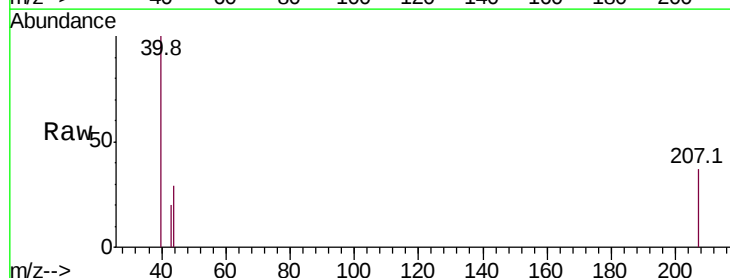
Acq: 02 Nov 2020 13:42

Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

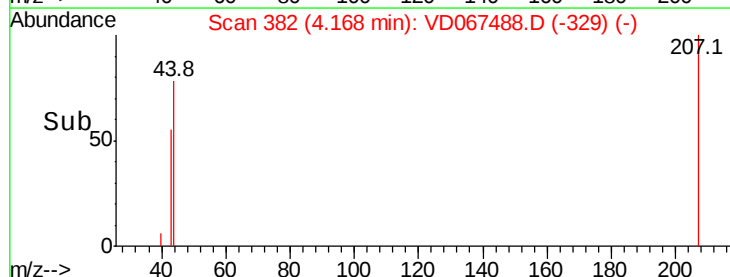
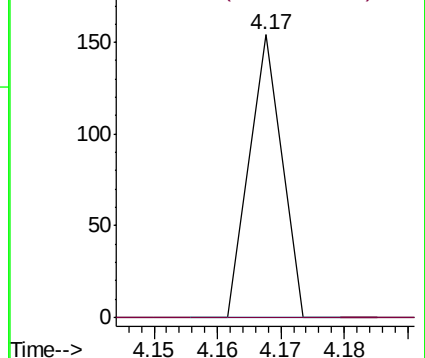
43 100

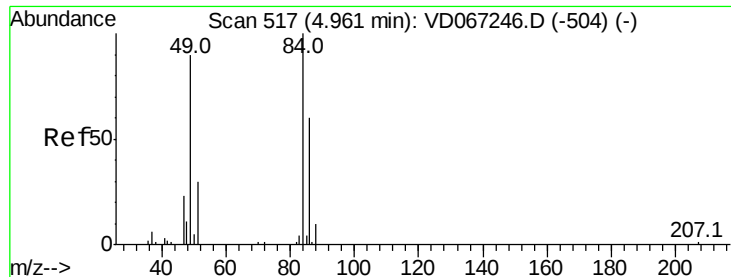
58 0.0 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

AU-05-102820

Tot Ion: 84 Resp: 55

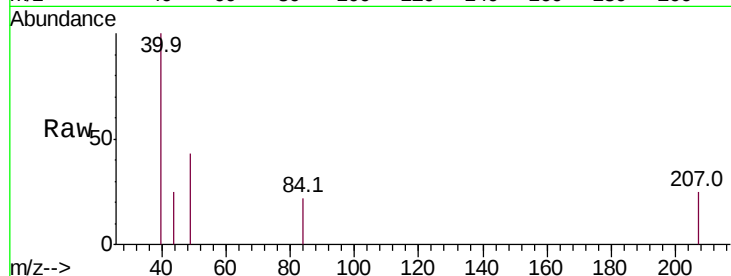
Ion Ratio Lower Upper

84 100

49 198.1 72.2 108.2#

51 0.0 23.8 35.8#

86 0.0 48.2 72.4#

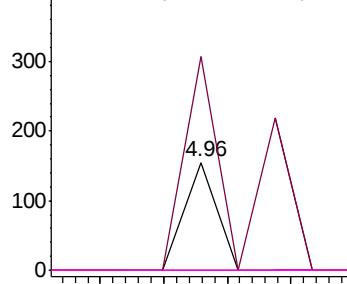


Abundance Ion 83.90 (83.60 to 84.60): VDC

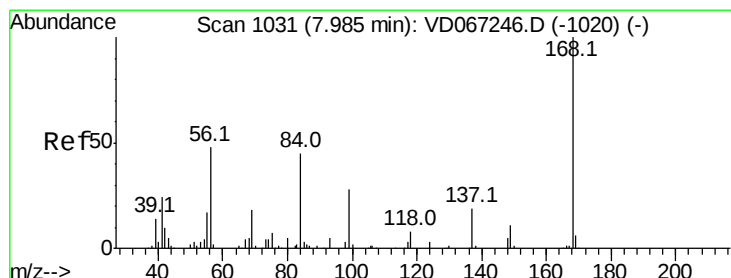
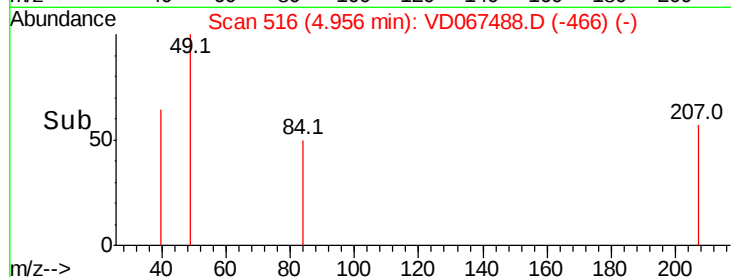
Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



Time-->



#31

Cyclohexane

Concen: 2.317 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

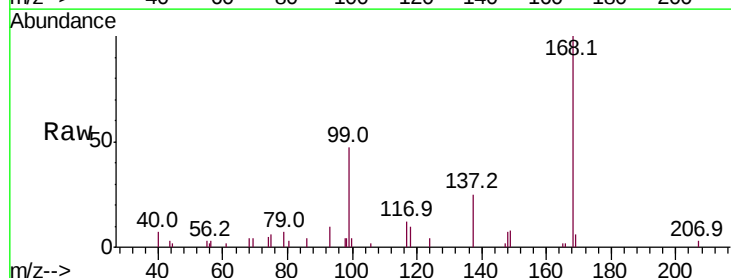
Tgt Ion: 56 Resp: 688

Ion Ratio Lower Upper

56 100

69 71.1 29.8 44.6#

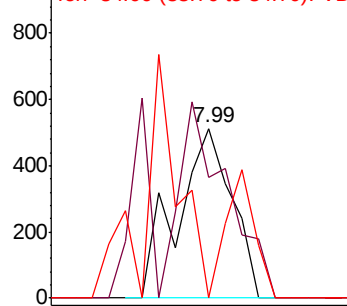
84 0.0 76.6 114.8#



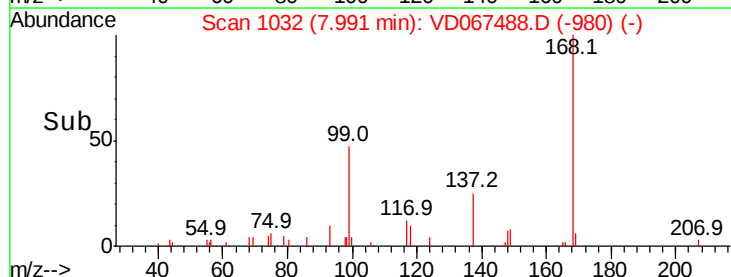
Abundance Ion 56.00 (55.70 to 56.70): VDC

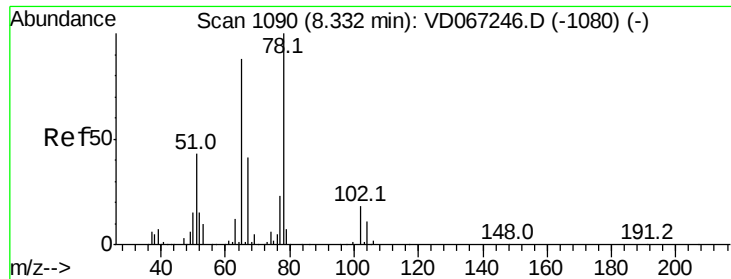
Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



Time-->





#33

1,2-Dichloroethane-d4

Concen: 67.777 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

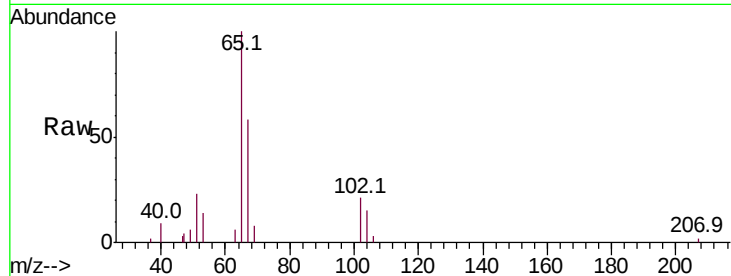
AU-05-102820

Tot Ion: 65 Resp: 17472

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

8000

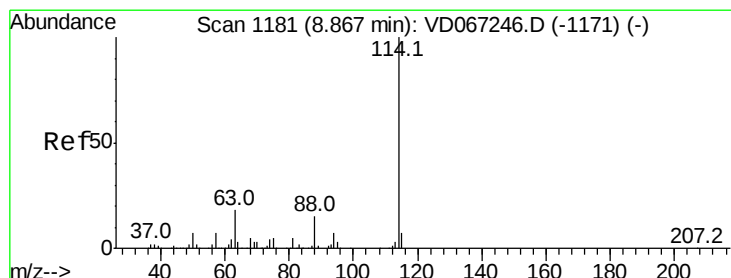
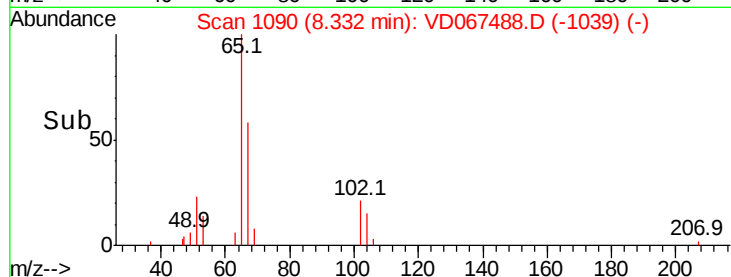
6000

4000

2000

0

Time--> 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

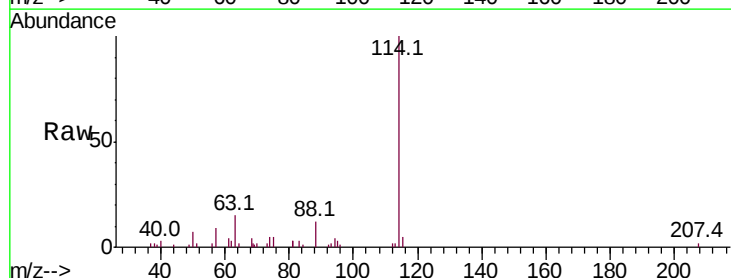
Tgt Ion:114 Resp: 41314

Ion Ratio Lower Upper

114 100

63 15.3 0.0 35.0

88 11.8 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

30000

25000

20000

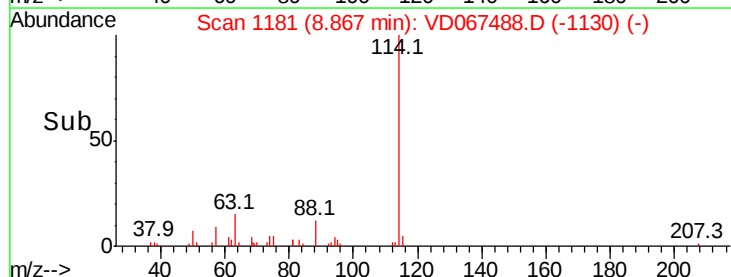
15000

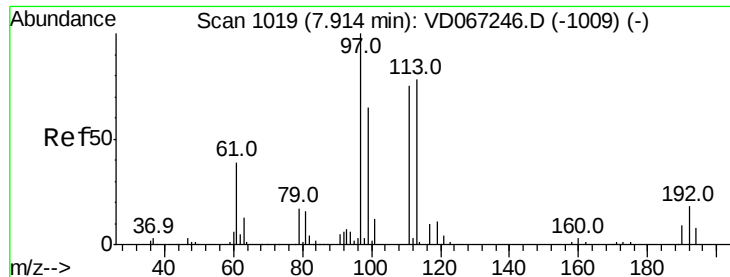
10000

5000

0

Time--> 8.80 8.85 8.90 8.95

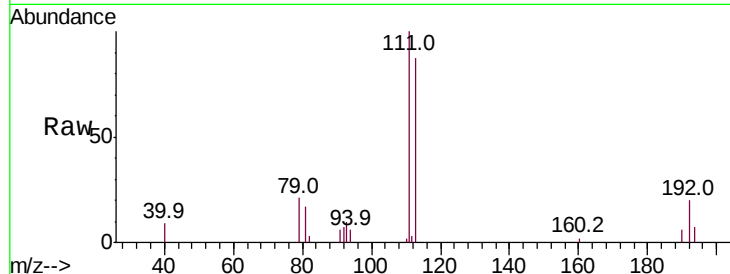




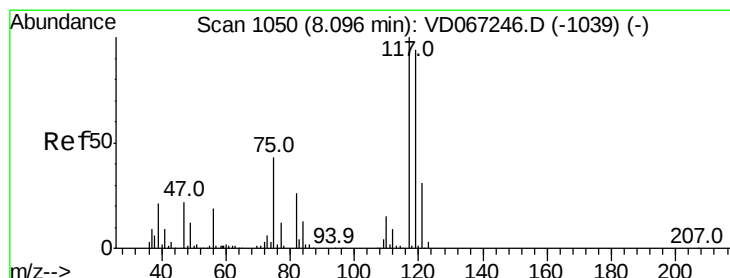
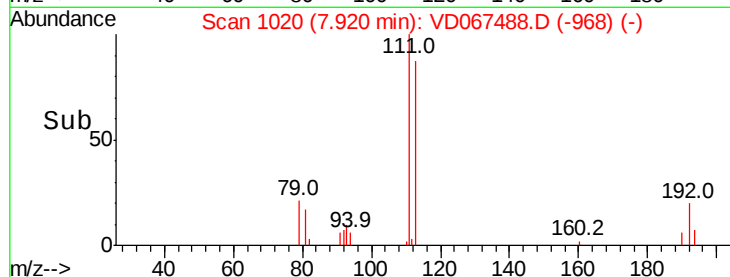
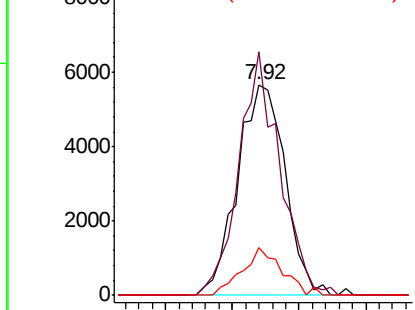
#35
 Dibromofluoromethane
 Concen: 50.988 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067488.D
 Acq: 02 Nov 2020 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-102820

Tot Ion:113 Resp: 14019
 Ion Ratio Lower Upper
 113 100
 111 98.8 81.6 122.4
 192 18.9 17.0 25.4

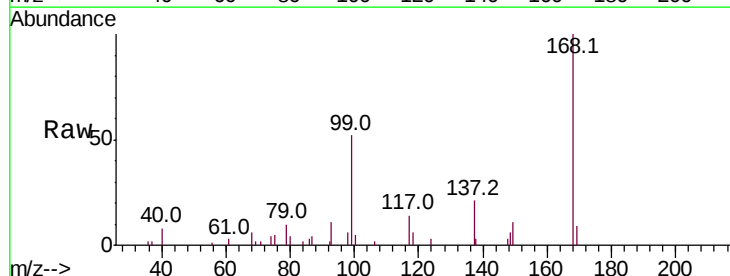


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

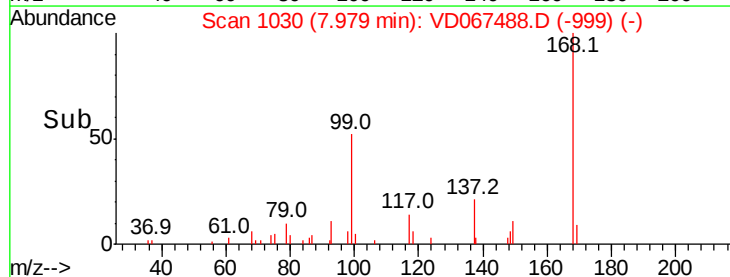
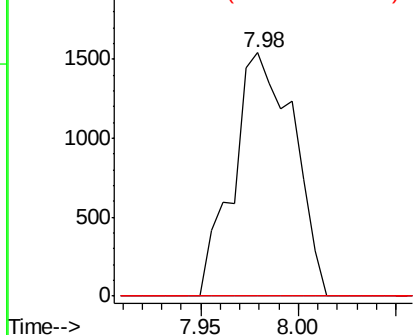


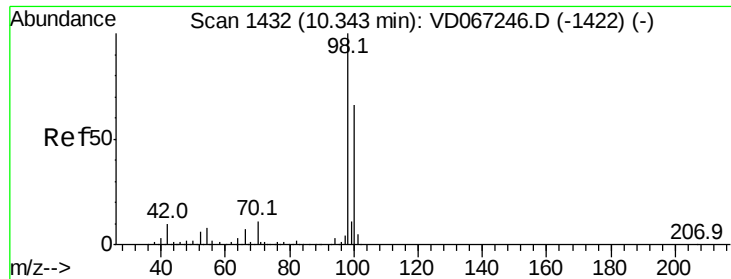
#38
 Carbon Tetrachloride
 Concen: 7.407 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD067488.D
 Acq: 02 Nov 2020 13:42

Tgt Ion:117 Resp: 3315
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.0 112.4#
 121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 46.583 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

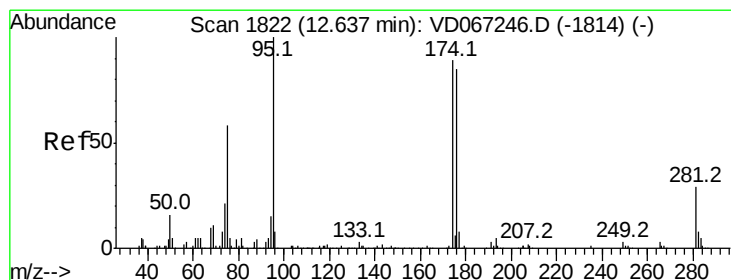
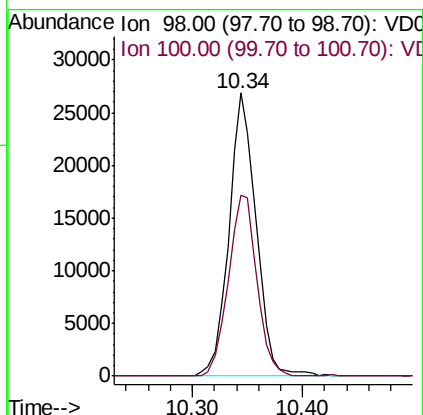
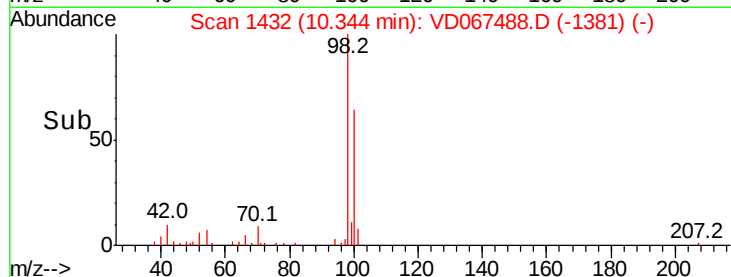
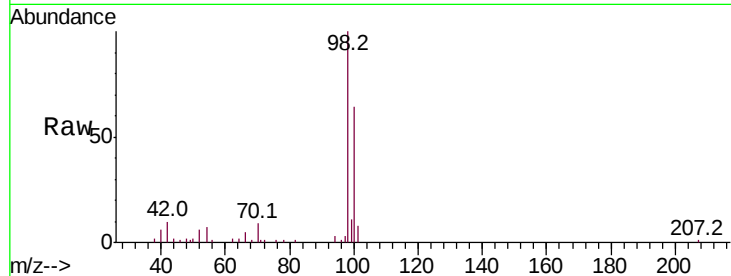
AU-05-102820

Tot Ion: 98 Resp: 46350

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 49.277 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

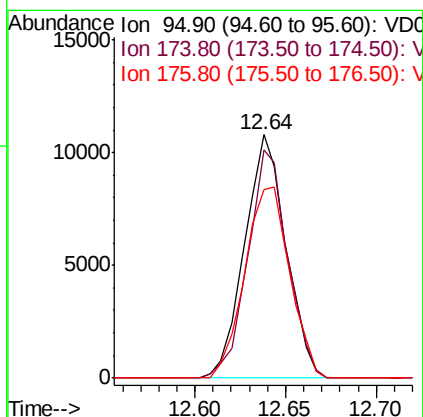
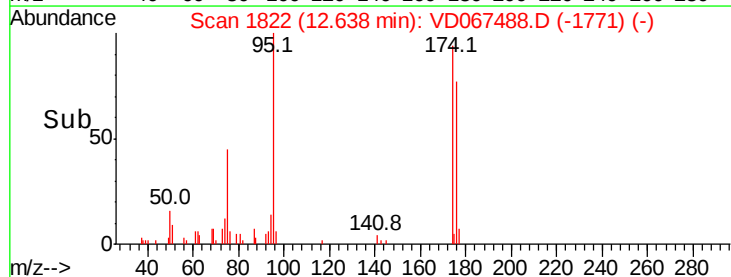
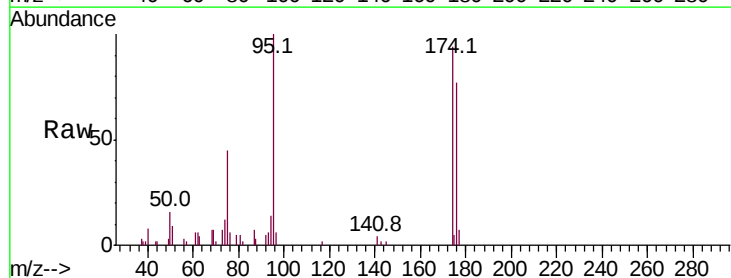
Tgt Ion: 95 Resp: 17049

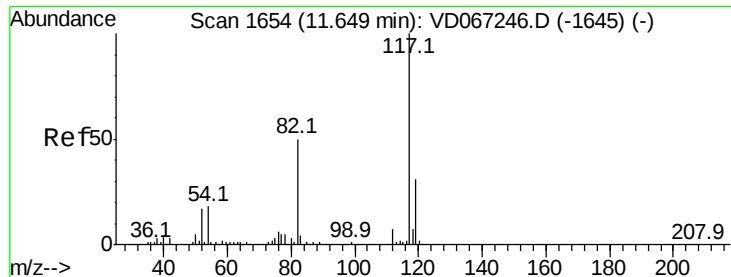
Ion Ratio Lower Upper

95 100

174 90.8 0.0 175.2

176 85.7 0.0 168.6

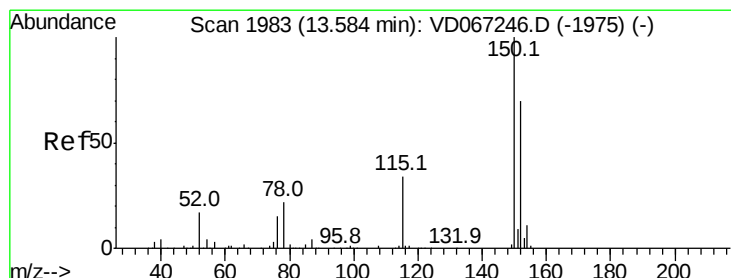
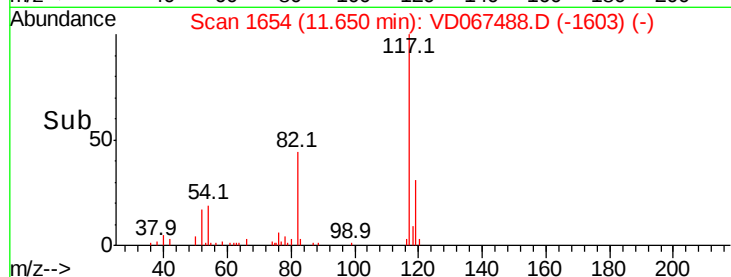
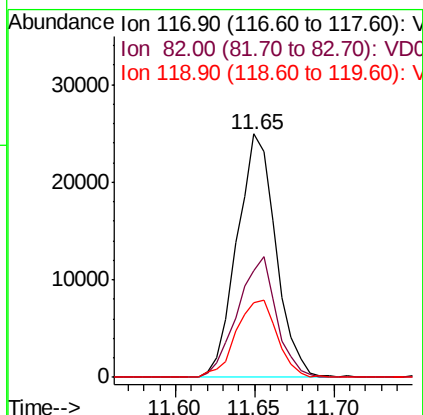
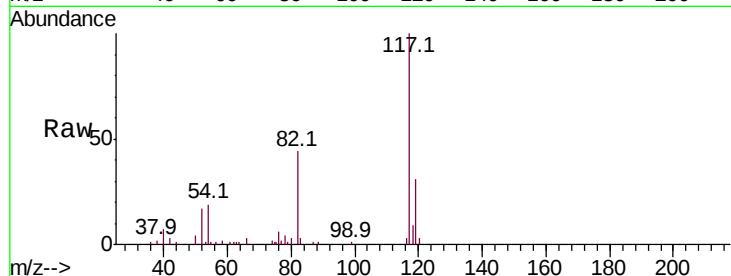




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067488.D
Acq: 02 Nov 2020 13:42

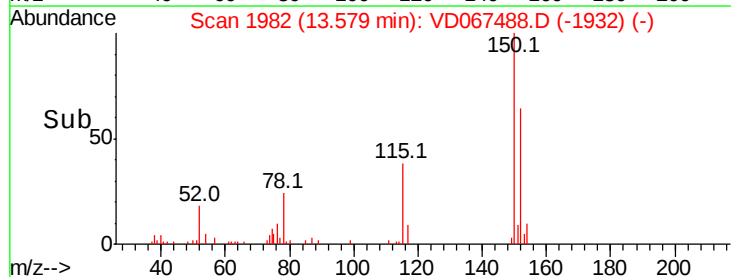
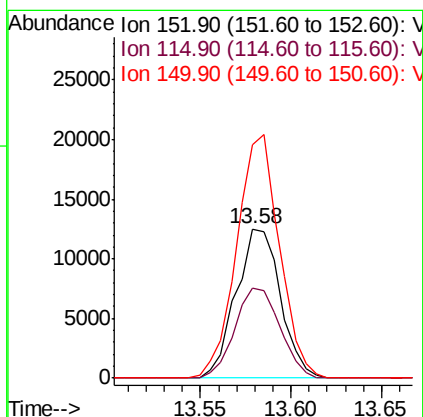
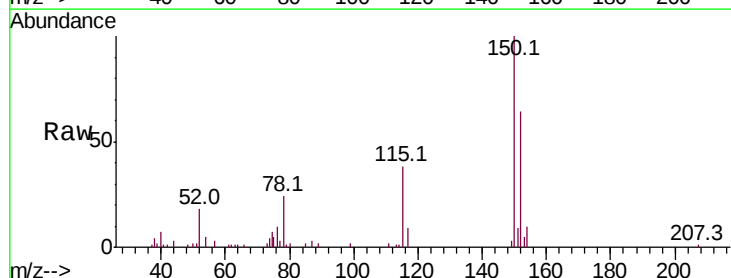
Instrument :
MSVOA_D
ClientSampleId :
AU-05-102820

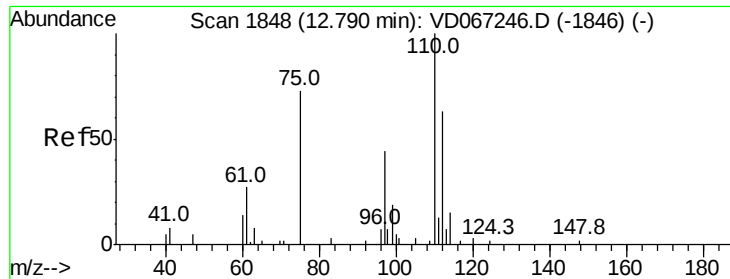
Tot Ion:117 Resp: 42343
Ion Ratio Lower Upper
117 100
82 43.9 39.9 59.9
119 30.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067488.D
Acq: 02 Nov 2020 13:42

Tgt Ion:152 Resp: 21291
Ion Ratio Lower Upper
152 100
115 61.3 29.3 87.9
150 157.0 0.0 339.0





#76

1,2,3-Trichloropropane

Concen: 56.747 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

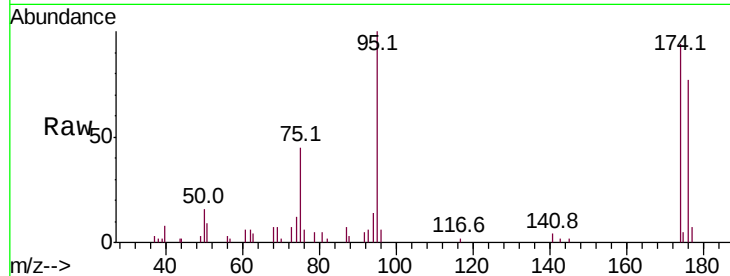
AU-05-102820

Tot Ion: 75 Resp: 8374

Ion Ratio Lower Upper

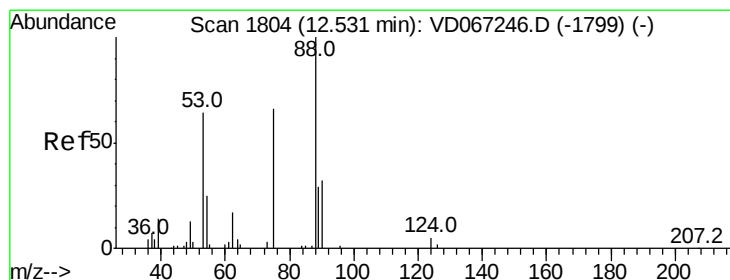
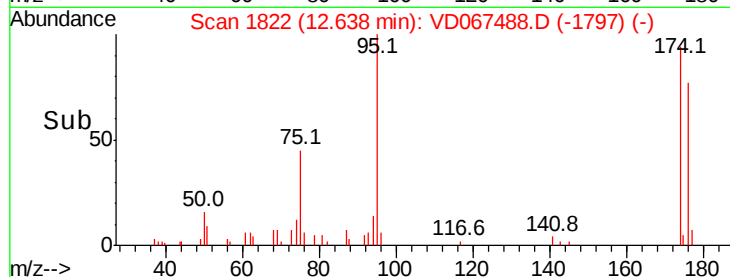
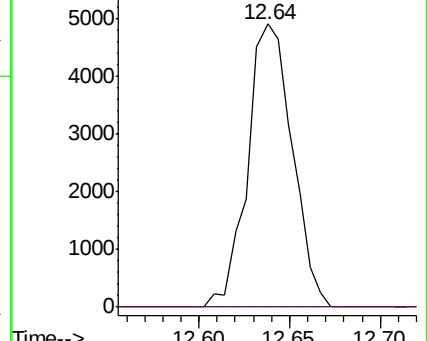
75 100

77 0.0 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: 128.686 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067488.D

Acq: 02 Nov 2020 13:42

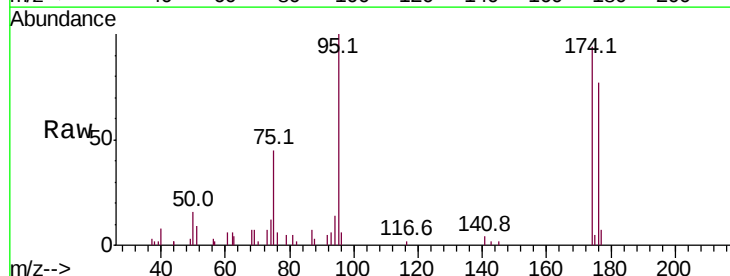
Tgt Ion: 75 Resp: 8374

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 39.9 59.9#



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

