

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064453.D
 Acq On : 06 Dec 2019 12:35
 Operator : VA/SY
 Sample : K6176-03
 Misc : 2.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 22:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

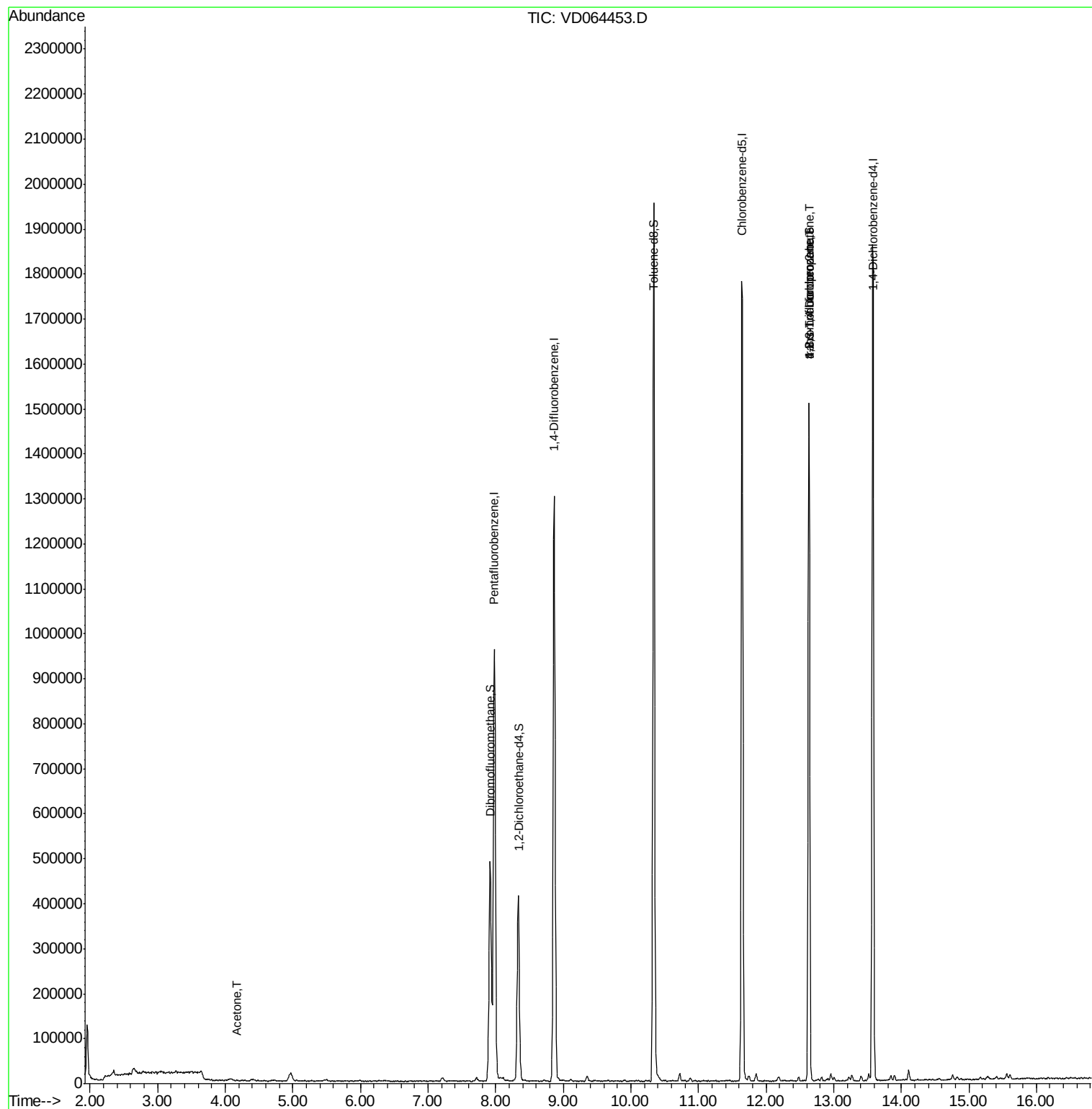
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	773137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1125946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1052180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	520428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	325299	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	7.92	113	340022	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.34	98	1336557	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.64	95	459265	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	2730	1.930	ug/l #	78
20) Methylene Chloride	4.96	84	13505	Below Cal		97
31) Cyclohexane	7.98	56	17669	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.64	75	237907	55.588	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	237907	121.211	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.51	75	207	Below Cal	#	1

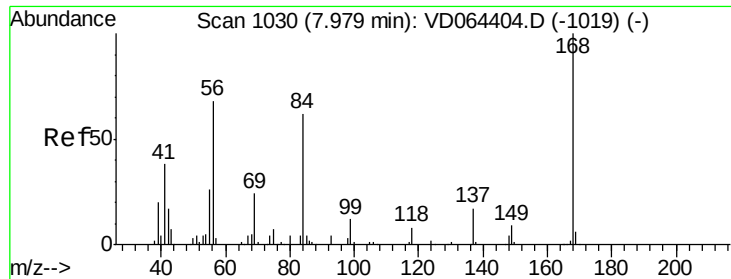
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064453.D

Acq: 06 Dec 2019 12:35

Instrument :

MSVOA_D

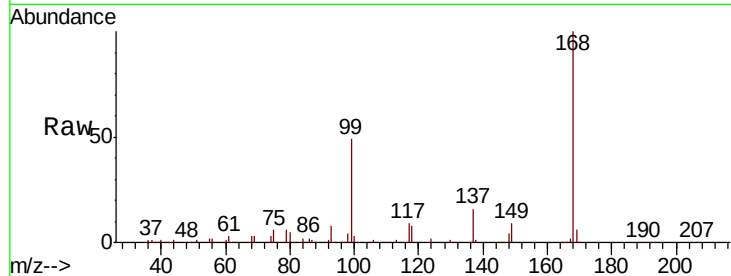
ClientSampled :

Tot Ion:168 Resp: 773137

Ion Ratio Lower Upper

168 100

99 49.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

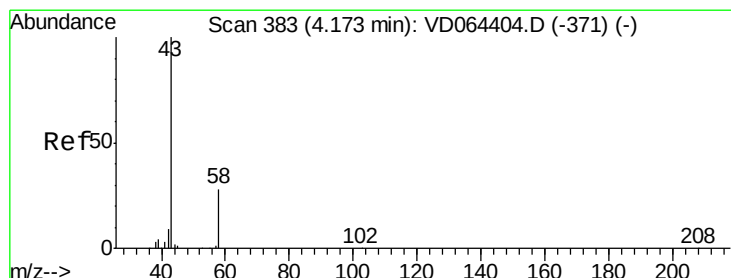
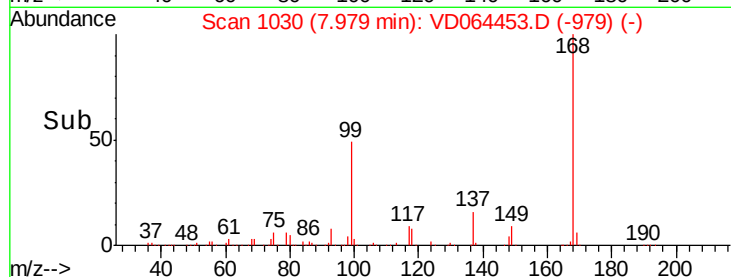
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.930 ug/l

RT: 4.17 min Scan# 383

Delta R.T. -0.00 min

Lab File: VD064453.D

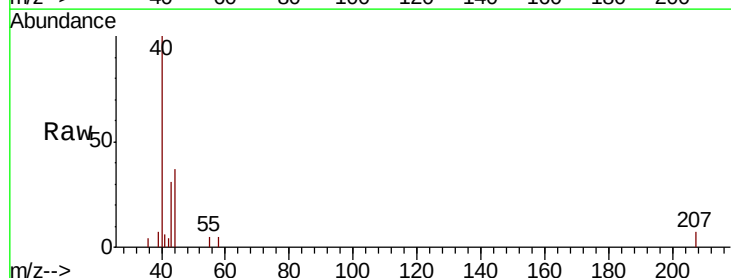
Acq: 06 Dec 2019 12:35

Tgt Ion: 43 Resp: 2730

Ion Ratio Lower Upper

43 100

58 16.8 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

1200

1000

800

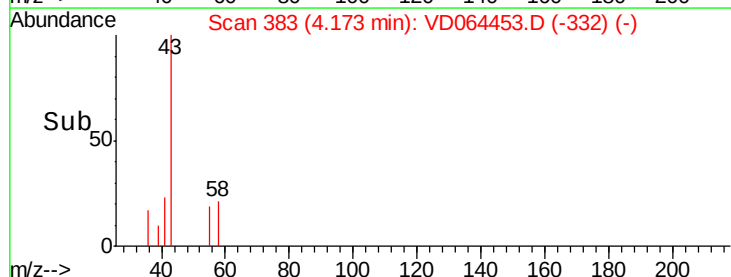
600

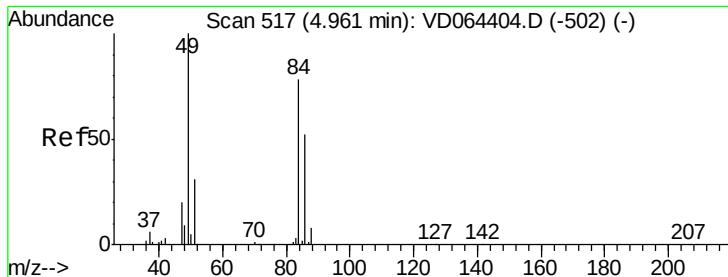
400

200

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD064453.D

Acq: 06 Dec 2019 12:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 13505

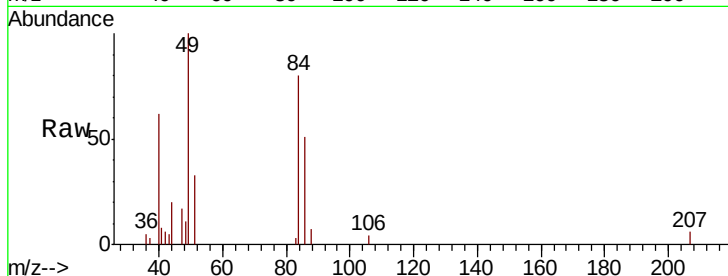
Ion Ratio Lower Upper

84 100

49 125.6 102.6 153.8

51 42.0 32.0 48.0

86 63.7 53.4 80.0



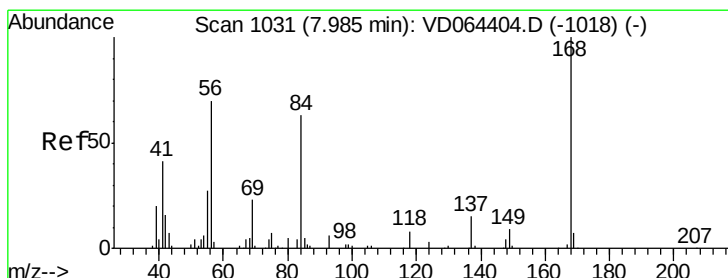
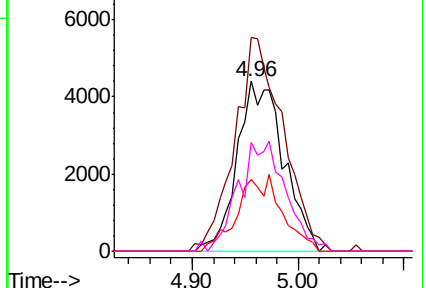
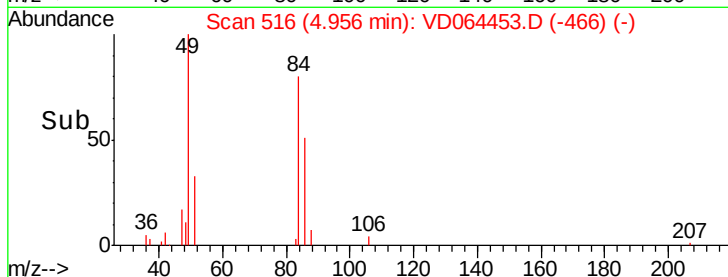
Abundance

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



#31

Cyclohexane

Concen: Below Cal

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064453.D

Acq: 06 Dec 2019 12:35

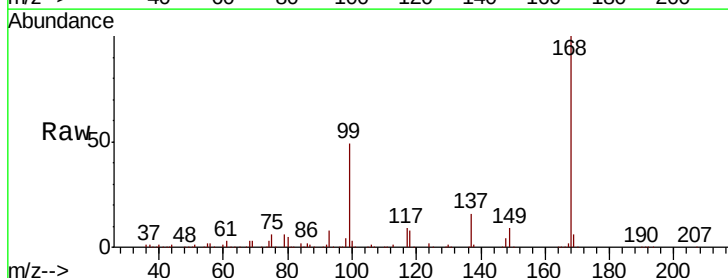
Tgt Ion: 56 Resp: 17669

Ion Ratio Lower Upper

56 100

69 152.4 26.2 39.4#

84 109.6 70.3 105.5#

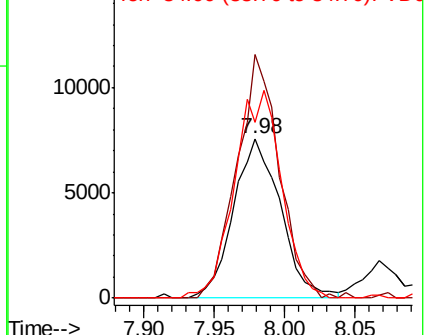
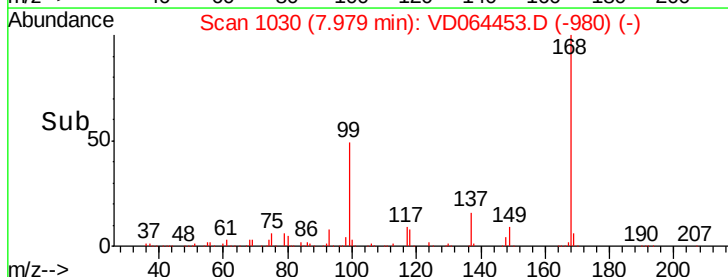


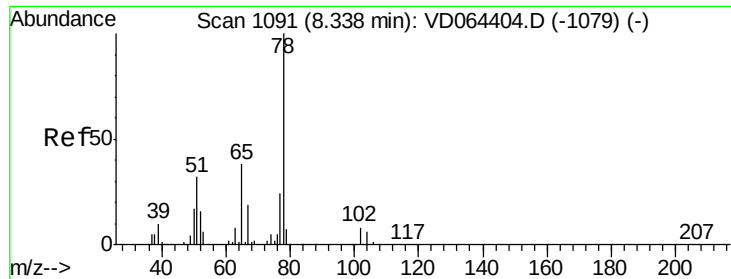
Abundance

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

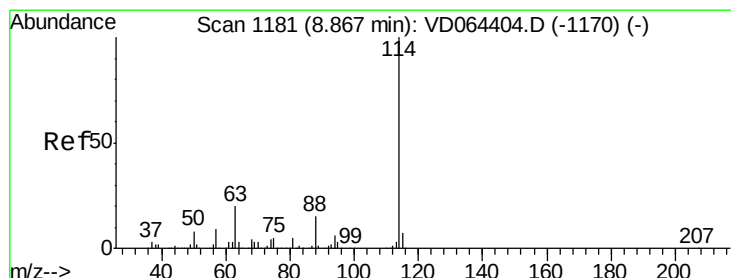
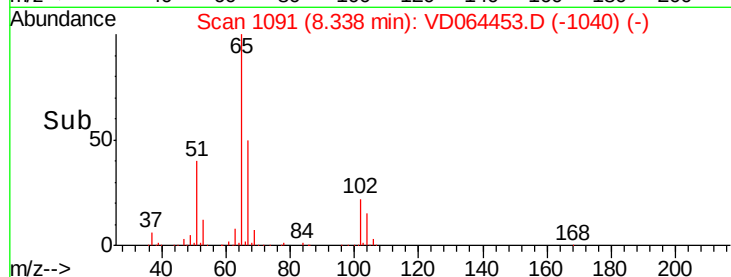
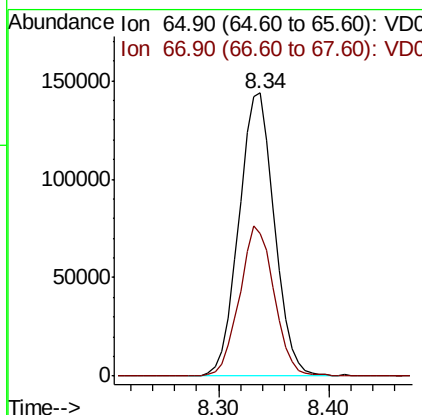
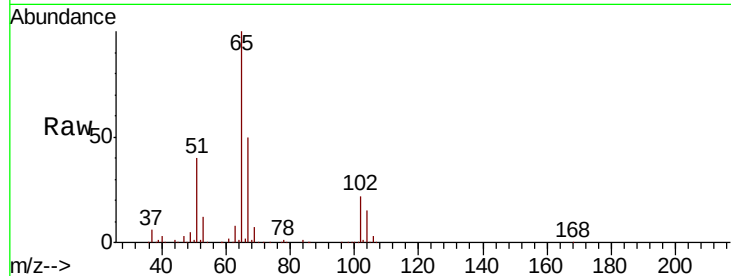




#33
 1,2-Dichloroethane-d4
 Concen: 46.484 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064453.D
 Acq: 06 Dec 2019 12:35

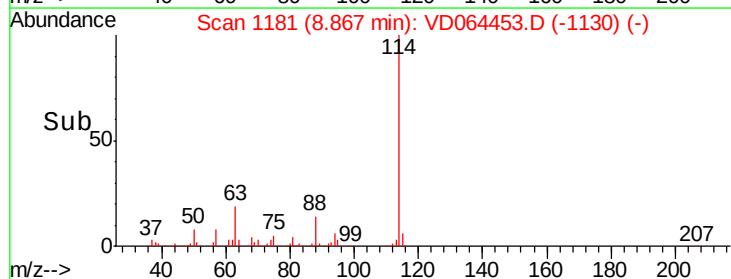
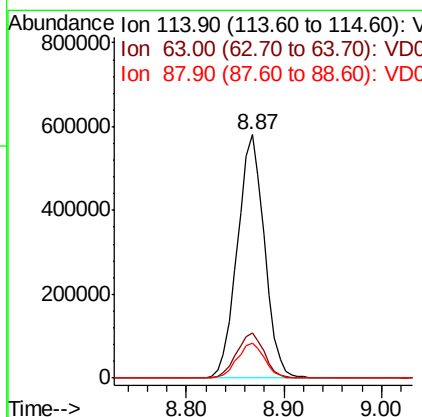
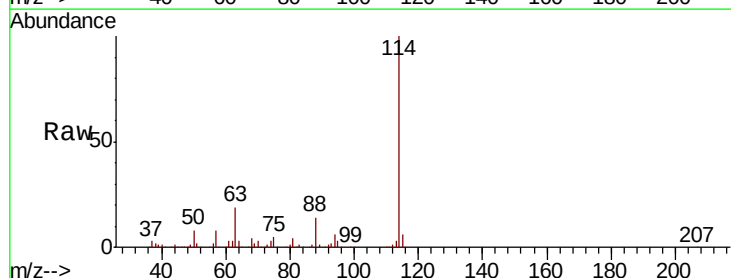
Instrument :
 MSVOA_D
 ClientSampleId :

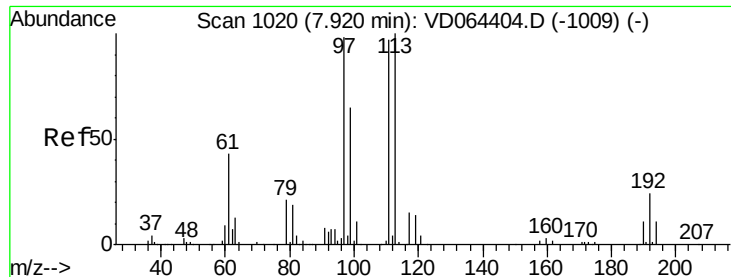
Tot Ion: 65 Resp: 325299
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064453.D
 Acq: 06 Dec 2019 12:35

Tgt Ion: 114 Resp: 1125946
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 14.3 0.0 29.2

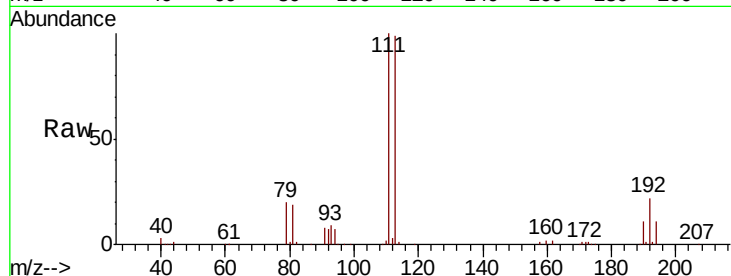




#35
 Dibromofluoromethane
 Concen: 47.931 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064453.D
 Acq: 06 Dec 2019 12:35

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	79.4	119.2
192	23.3	18.6	28.0

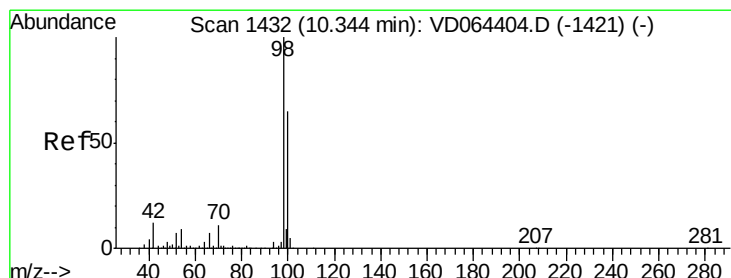
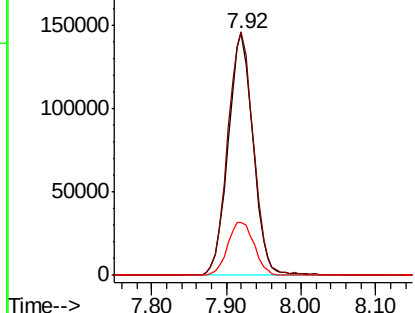
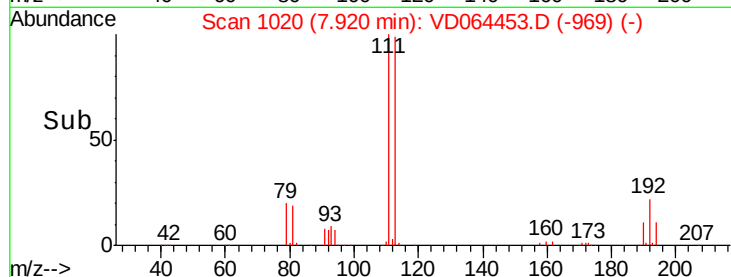


Abundance

Ion 112.80 (112.50 to 113.50): V

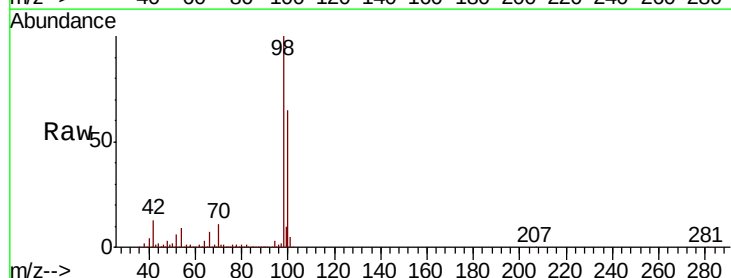
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 50.016 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VD064453.D
 Acq: 06 Dec 2019 12:35

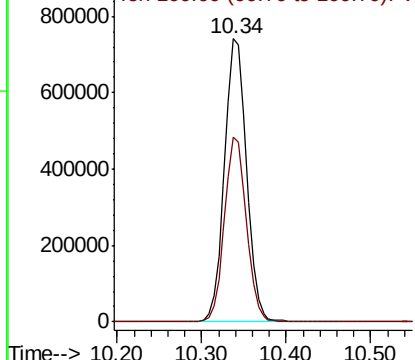
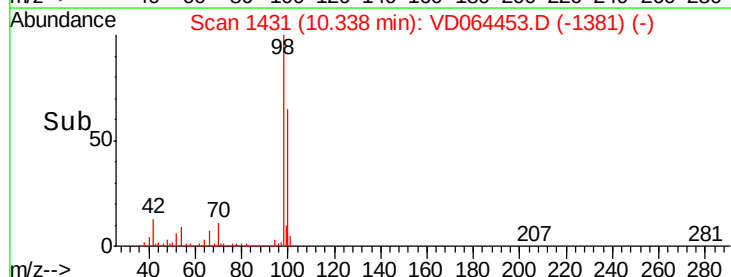
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	79.0

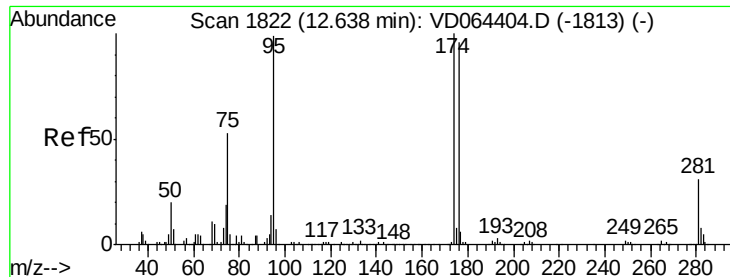


Abundance

Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

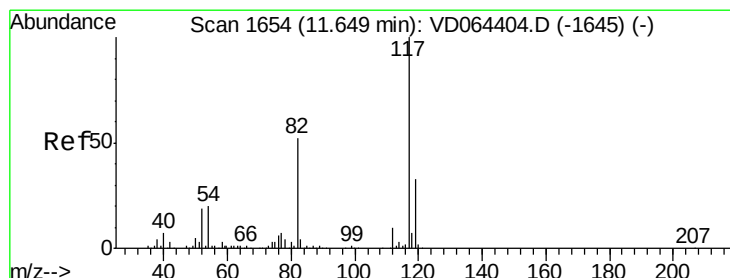
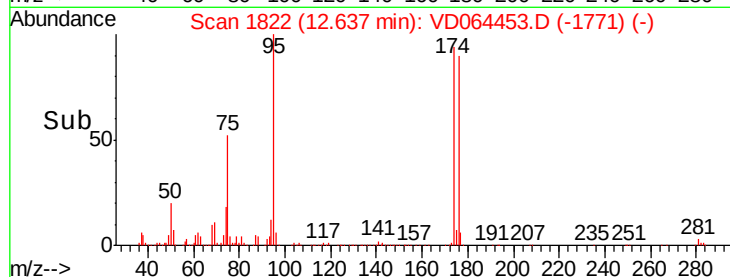
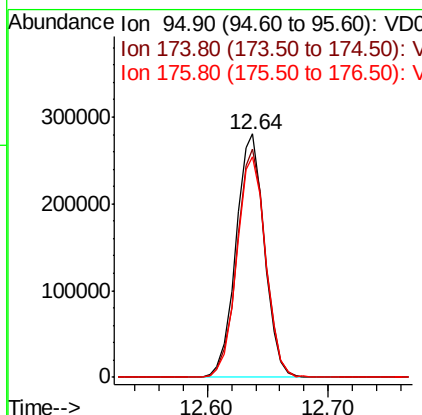
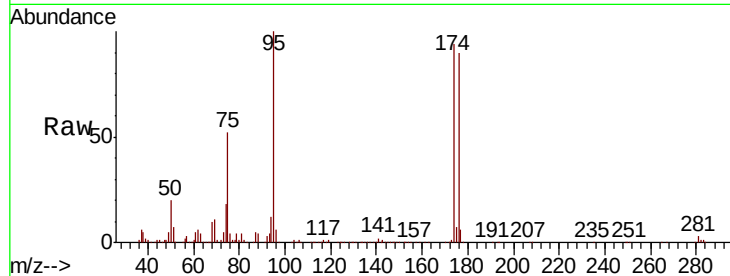




#62
4-Bromofluorobenzene
Concen: 53.479 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064453.D
Acq: 06 Dec 2019 12:35

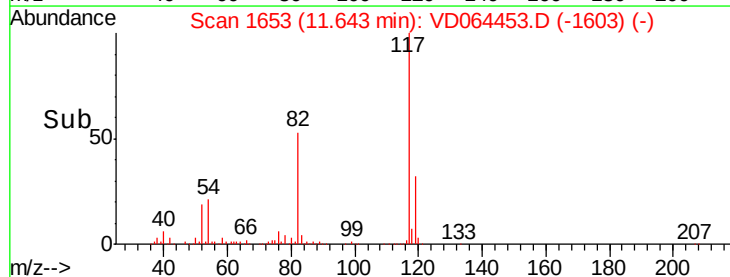
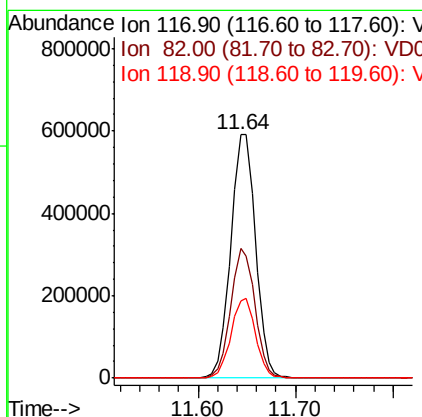
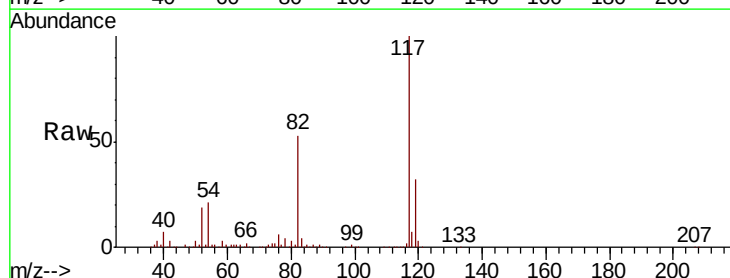
Instrument :
MSVOA_D
ClientSampleId :

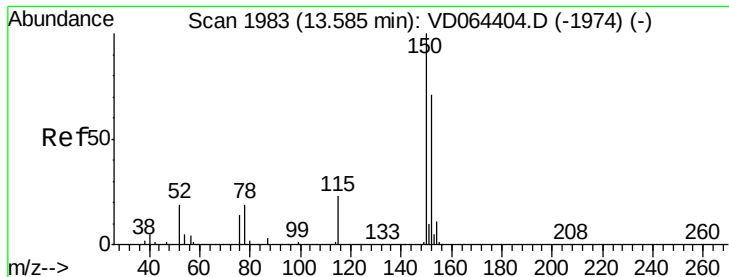
Tot Ion: 95 Resp: 459265
Ion Ratio Lower Upper
95 100
174 94.4 0.0 197.2
176 91.9 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064453.D
Acq: 06 Dec 2019 12:35

Tgt Ion: 117 Resp: 1052180
Ion Ratio Lower Upper
117 100
82 53.4 41.4 62.2
119 31.7 26.2 39.2



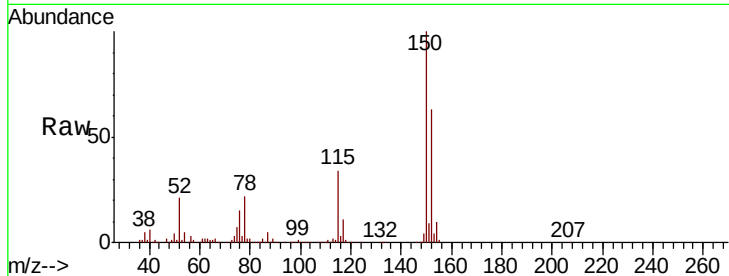


#72

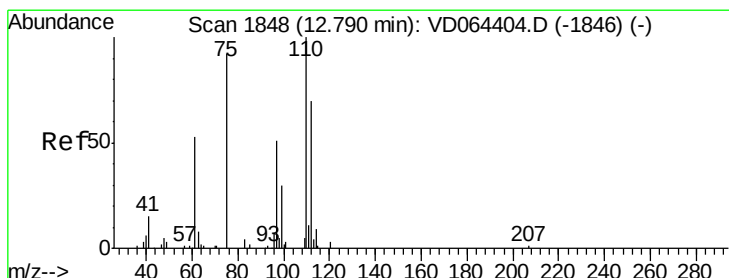
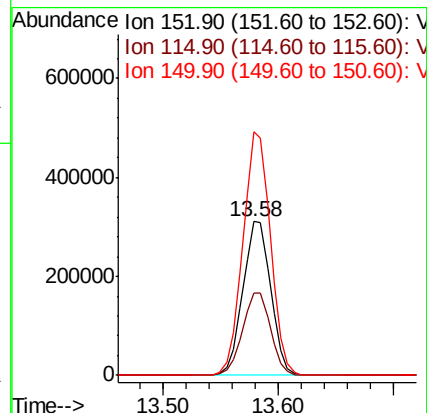
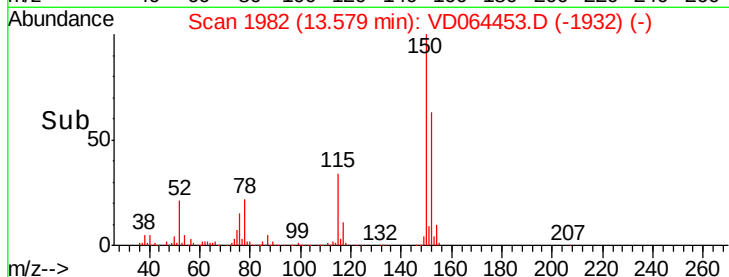
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064453.D
Acq: 06 Dec 2019 12:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 520428
Ion Ratio Lower Upper
152 100
115 54.0 26.7 80.1
150 156.1 0.0 347.2



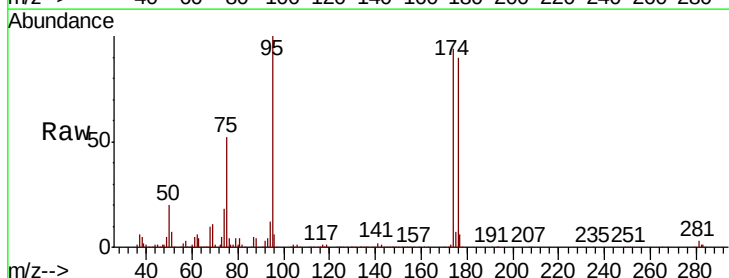
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



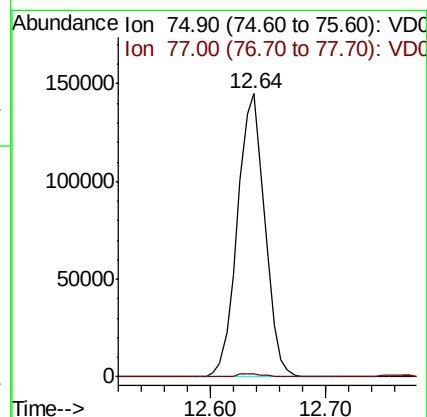
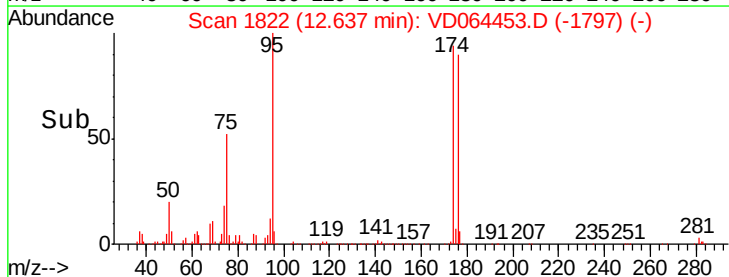
#76

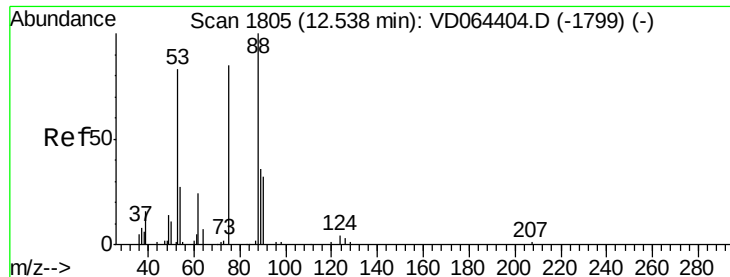
1,2,3-Trichloropropane
Concen: 55.588 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064453.D
Acq: 06 Dec 2019 12:35

Tgt Ion: 75 Resp: 237907
Ion Ratio Lower Upper
75 100
77 1.2 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: 121.211 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064453.D

Acq: 06 Dec 2019 12:35

Instrument :

MSVOA_D

ClientSampleId :

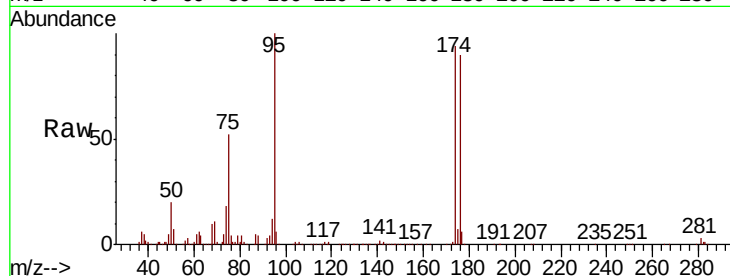
Tot Ion: 75 Resp: 237907

Ion Ratio Lower Upper

75 100

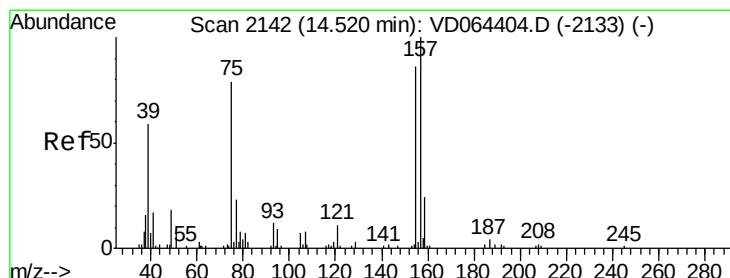
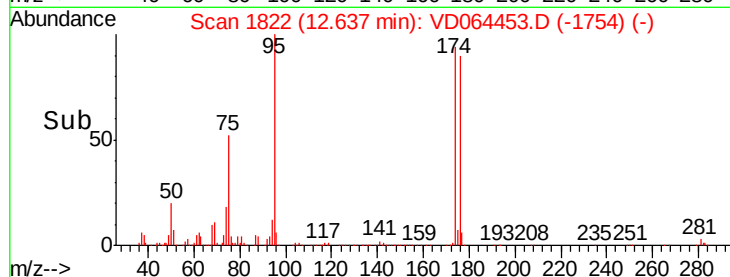
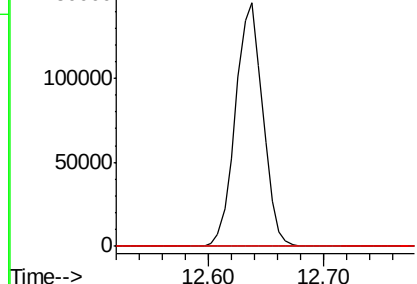
53 0.1 81.0 121.6#

89 0.0 38.5 57.7#



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

12.64



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD064453.D

Acq: 06 Dec 2019 12:35

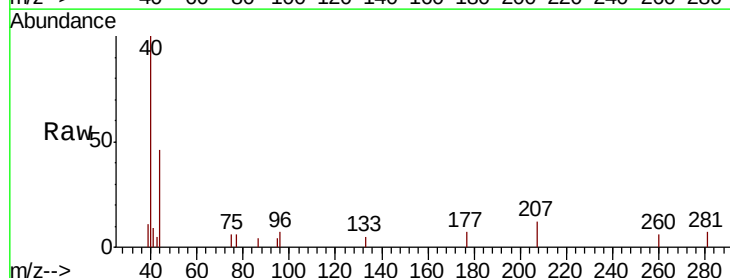
Tgt Ion: 75 Resp: 207

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 0.0 63.2 189.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

14.51

