

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064754.D
 Acq On : 04 Jan 2020 02:04
 Operator : VA/SY
 Sample : K6463-01RE
 Misc : 6.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:52:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

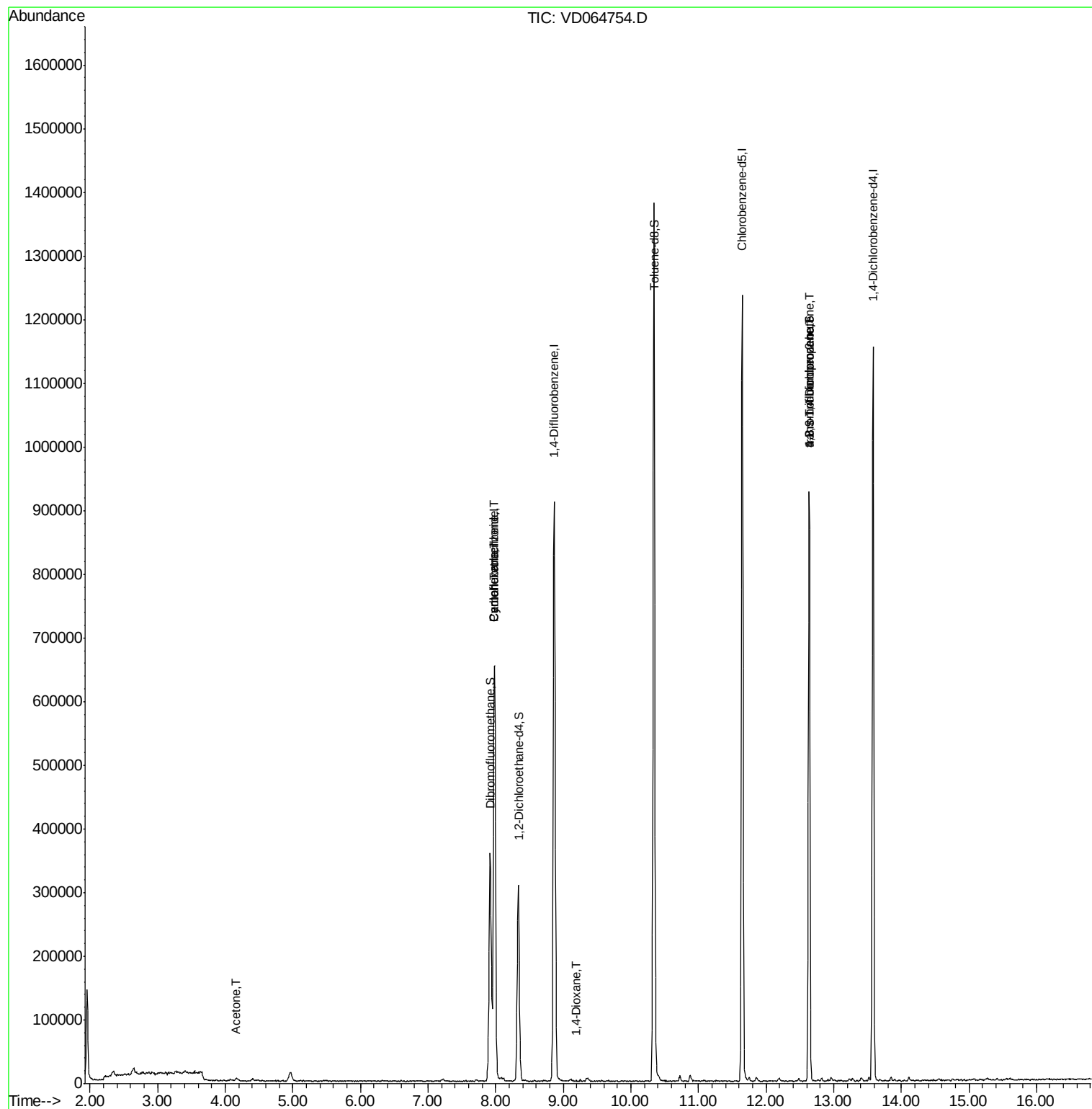
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	509549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	781795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	686870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	243861	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	7.92	113	241346	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	10.34	98	936020	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.64	95	274258	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
Target Compounds						
16) Acetone	4.16	43	7911	11.554	ug/l	98
20) Methylene Chloride	4.96	84	9982	Below Cal	#	80
31) Cyclohexane	7.98	56	12628	1.507	ug/l #	12
38) Carbon Tetrachloride	7.98	117	46691	5.819	ug/l #	16
49) 1,4-Dioxane	9.19	88	111	3.520	ug/l #	24
76) 1,2,3-Trichloropropane	12.64	75	143124	60.911	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	143124	127.392	ug/l #	10

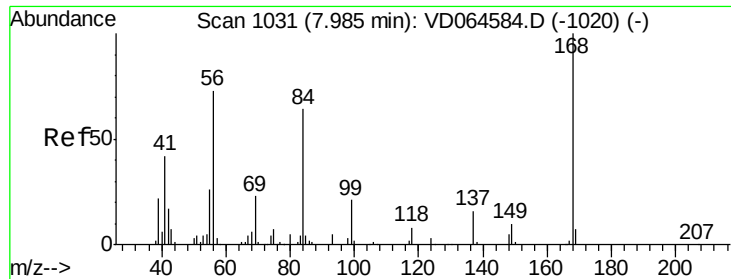
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010320\
Data File : VD064754.D
Acq On : 04 Jan 2020 02:04
Operator : VA/SY
Sample : K6463-01RE
Misc : 6.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 06 06:52:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

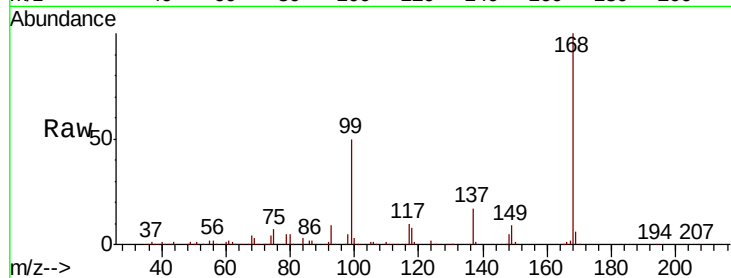




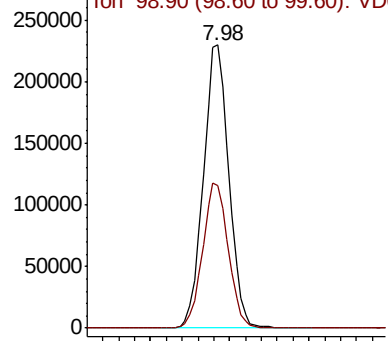
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064754.D
Acq: 04 Jan 2020 02:04

Instrument :
MSVOA_D
ClientSampleId :

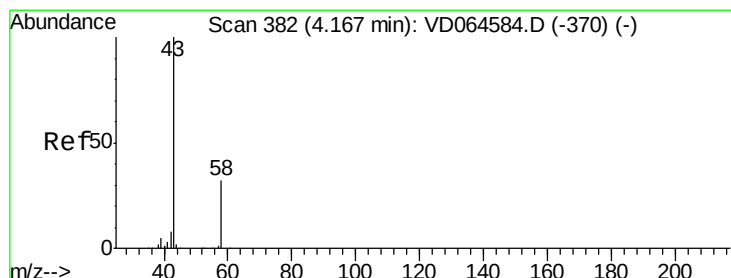
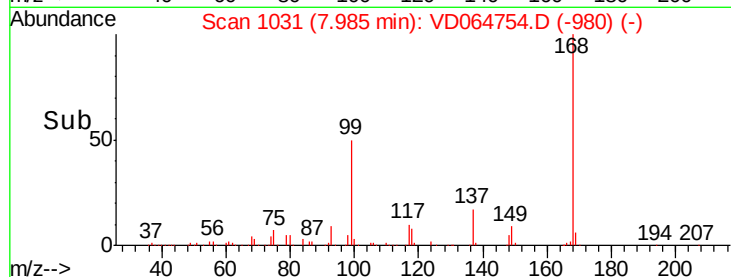
Tot Ion:168 Resp: 509549
Ion Ratio Lower Upper
168 100
99 50.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

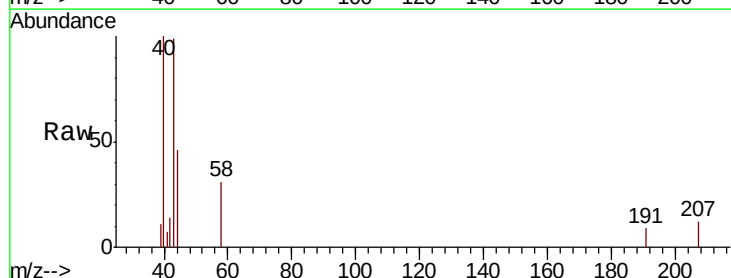


Time-->

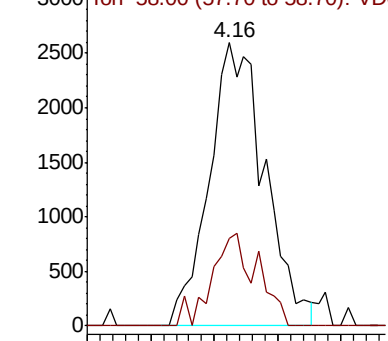


#16
Acetone
Concen: 11.554 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064754.D
Acq: 04 Jan 2020 02:04

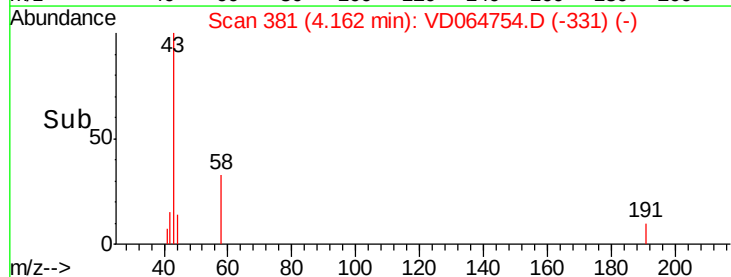
Tgt Ion: 43 Resp: 7911
Ion Ratio Lower Upper
43 100
58 30.9 25.8 38.6

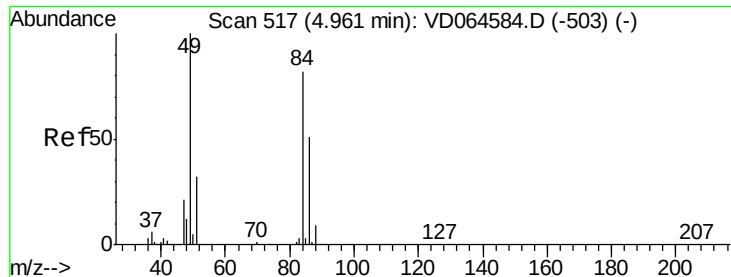


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



Time-->

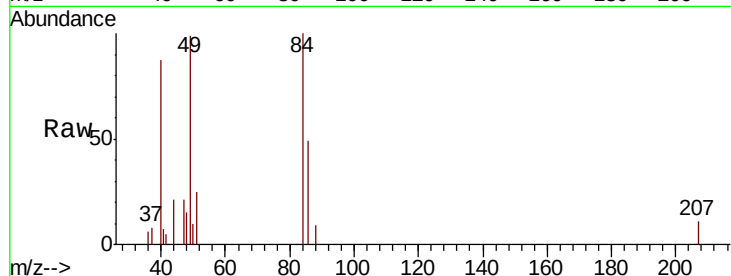




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064754.D
Acq: 04 Jan 2020 02:04

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	Ratio	Lower	Upper
84	100		
49	99.0	97.2	145.8
51	25.4	31.4	47.0#
86	48.9	49.3	73.9#



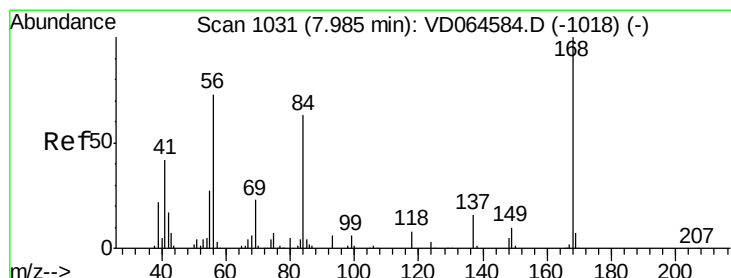
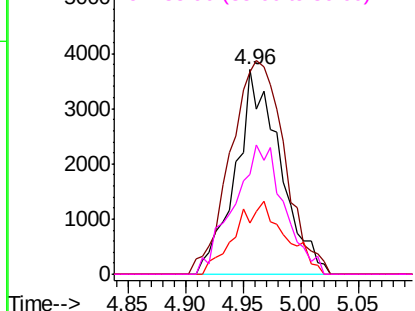
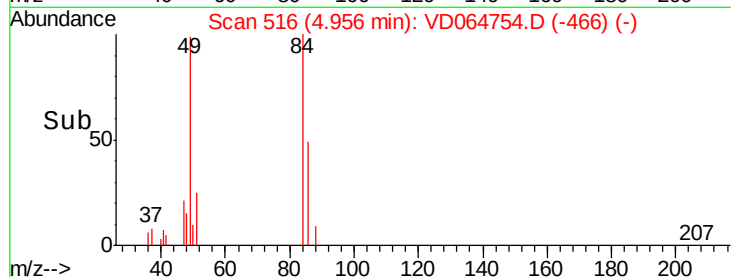
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

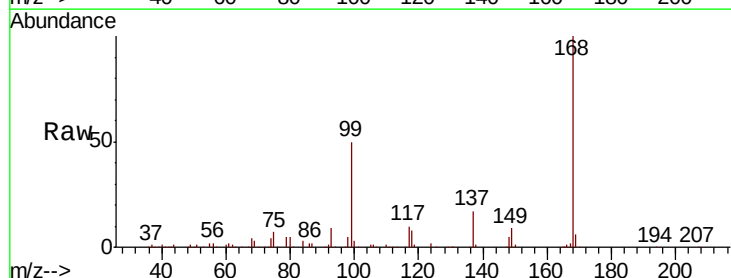
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31
Cyclohexane
Concen: 1.507 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064754.D
Acq: 04 Jan 2020 02:04

Tgt Ion	Ratio	Lower	Upper
56	100		
69	136.7	24.7	37.1#
84	133.7	69.4	104.2#

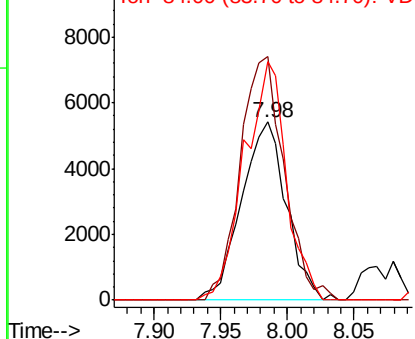
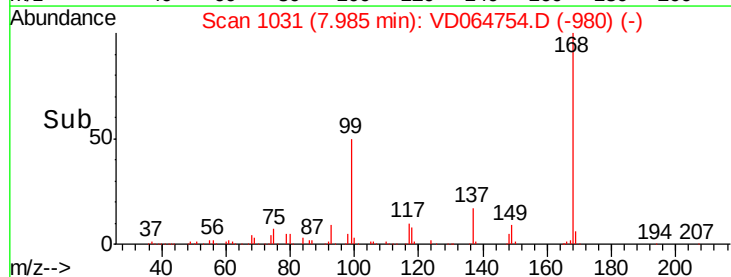


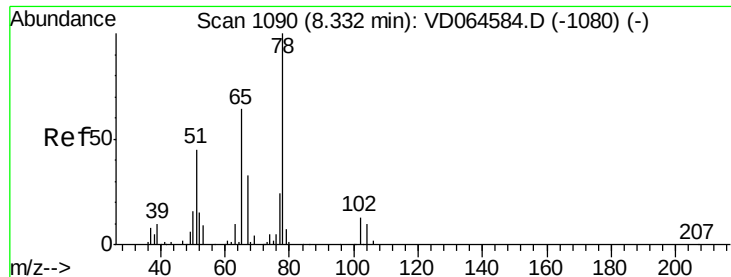
Abundance

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

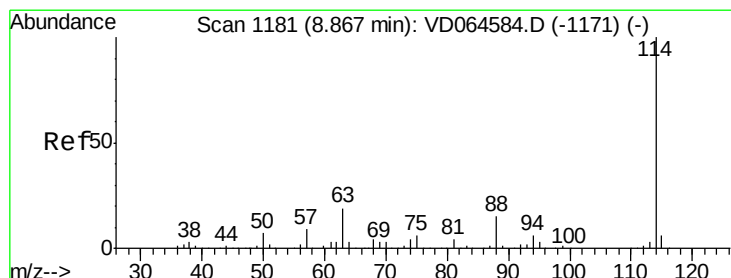
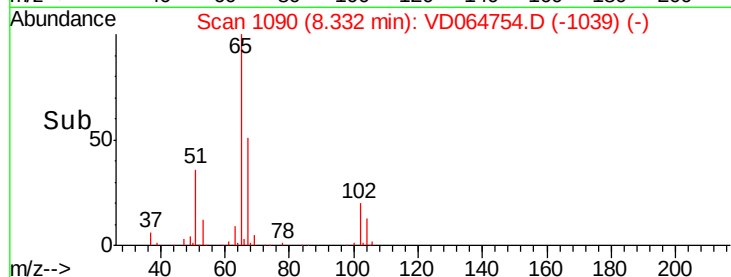
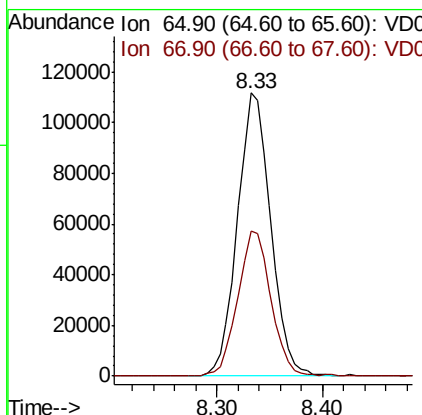
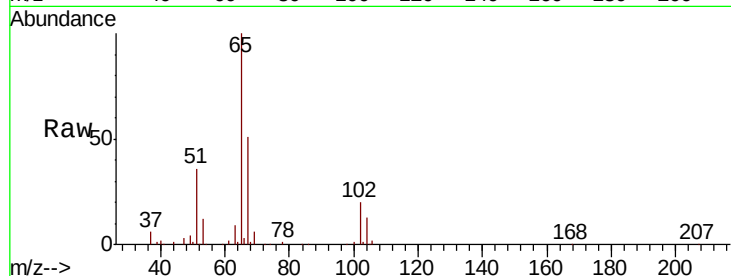




#33
 1,2-Dichloroethane-d4
 Concen: 54.274 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064754.D
 Acq: 04 Jan 2020 02:04

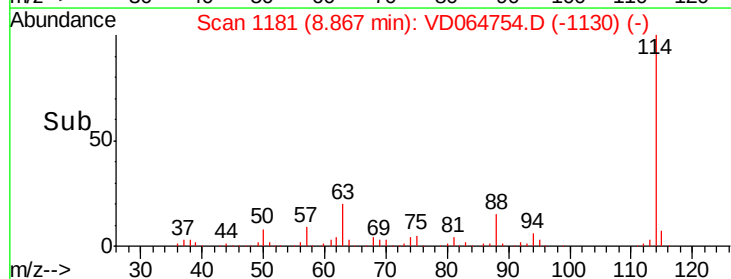
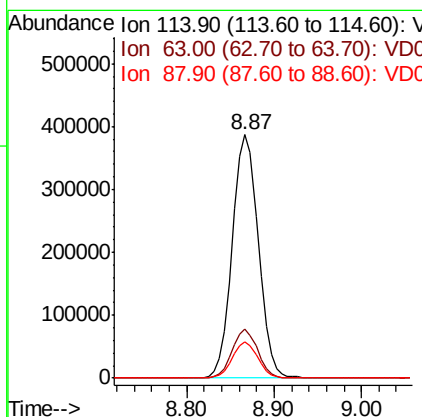
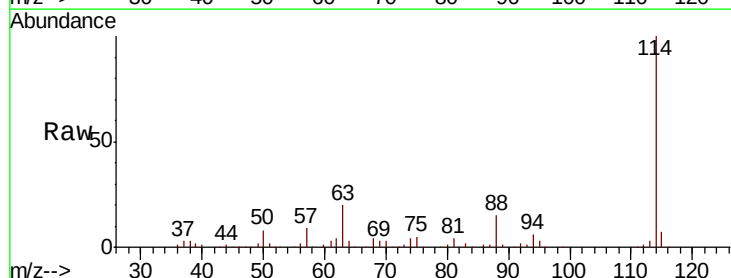
Instrument :
 MSVOA_D
 ClientSampleId :

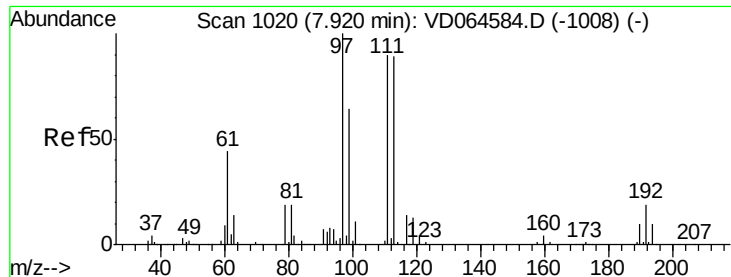
Tot Ion: 65 Resp: 243861
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064754.D
 Acq: 04 Jan 2020 02:04

Tgt Ion: 114 Resp: 781795
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.0
 88 15.0 0.0 29.2

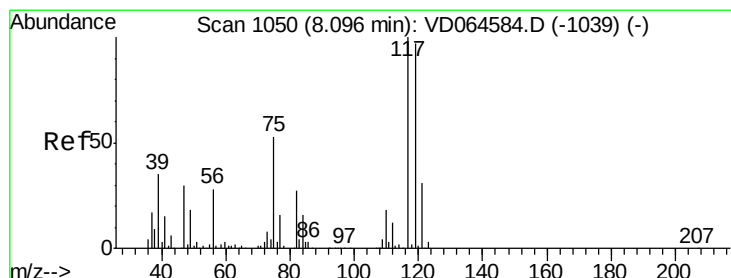
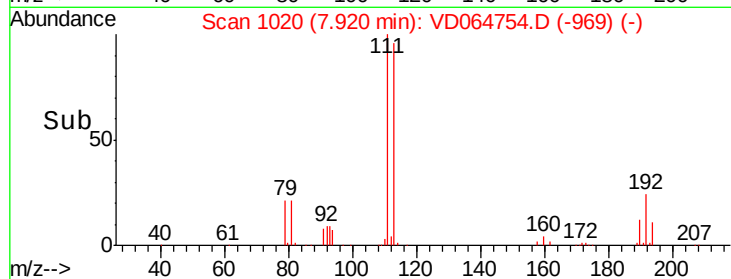
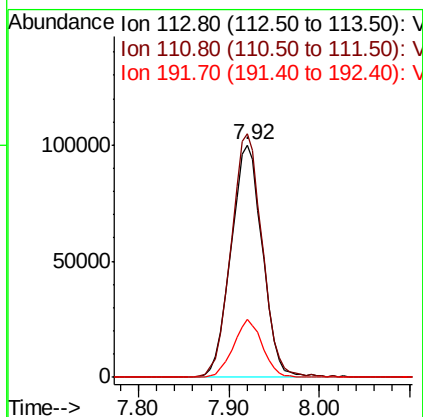
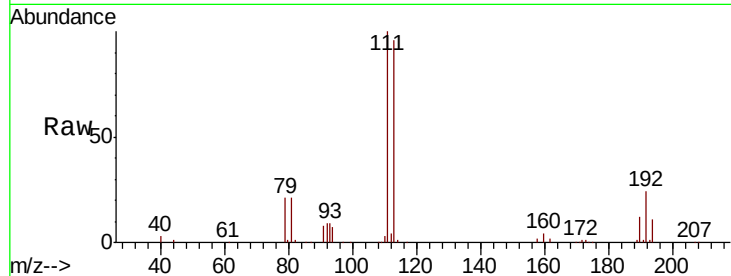




#35
 Dibromofluoromethane
 Concen: 50.318 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064754.D
 Acq: 04 Jan 2020 02:04

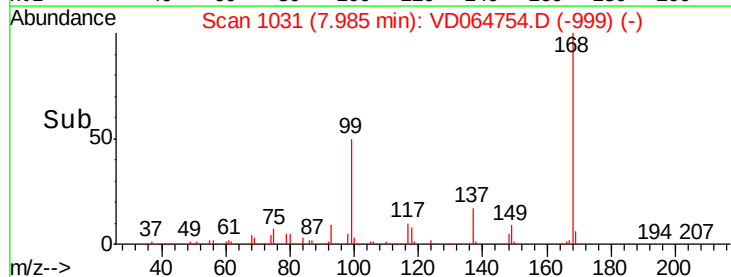
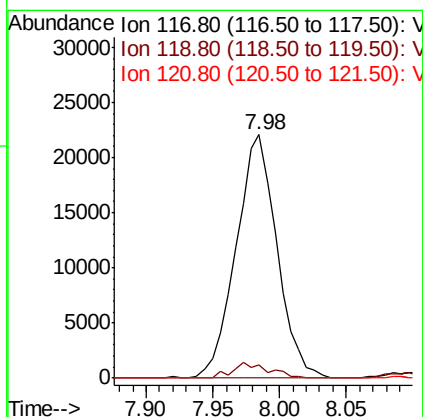
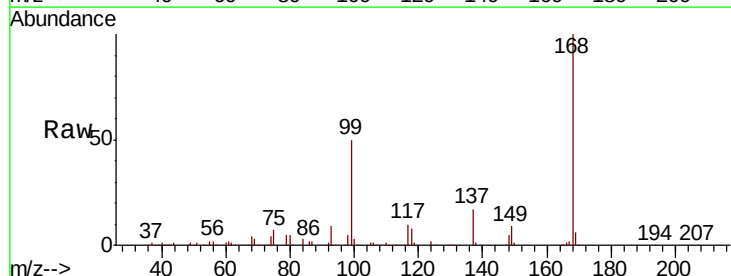
Instrument :
 MSVOA_D
 ClientSampled :

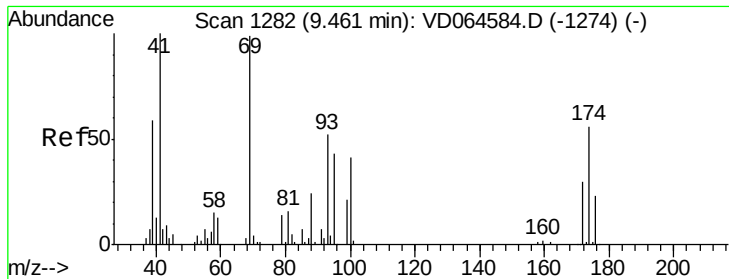
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.6	121.0
192	23.1	17.9	26.9



#38
 Carbon Tetrachloride
 Concen: 5.819 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064754.D
 Acq: 04 Jan 2020 02:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.3	115.9#
121	0.0	25.0	37.6#





#49

1,4-Dioxane

Concen: 3.520 ug/l

RT: 9.19 min Scan# 1236

Delta R.T. -0.27 min

Lab File: VD064754.D

Acq: 04 Jan 2020 02:04

Instrument :
MSVOA_D
ClientSampleId :

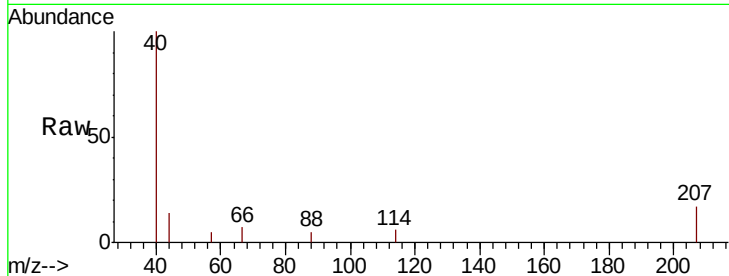
Tot Ion: 88 Resp: 111

Ion Ratio Lower Upper

88 100

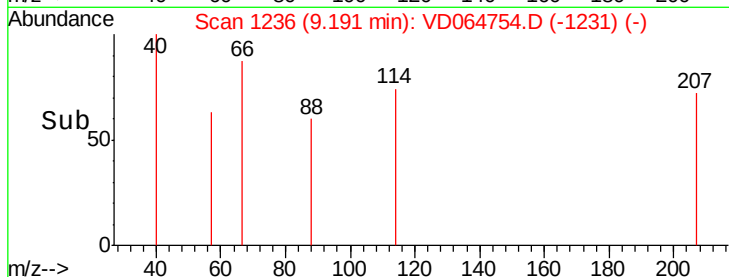
43 0.0 27.7 41.5#

58 0.0 53.8 80.6#

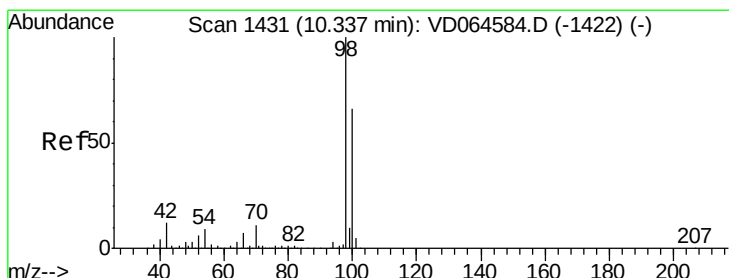


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

9.19



Time--> 9.17 9.18 9.19 9.20 9.21



#50

Toluene-d8

Concen: 50.954 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064754.D

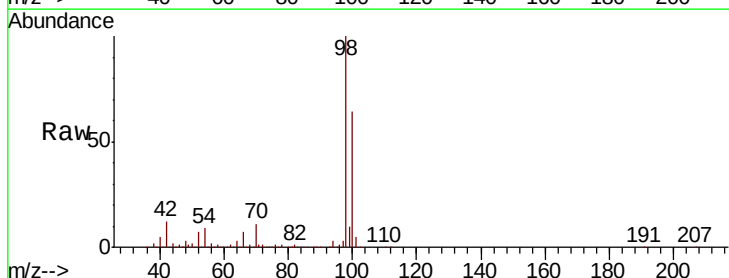
Acq: 04 Jan 2020 02:04

Tgt Ion: 98 Resp: 936020

Ion Ratio Lower Upper

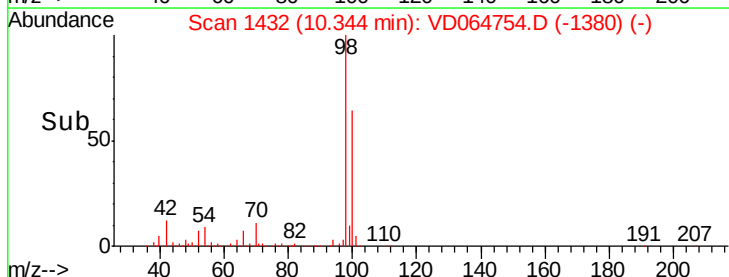
98 100

100 64.4 51.7 77.5

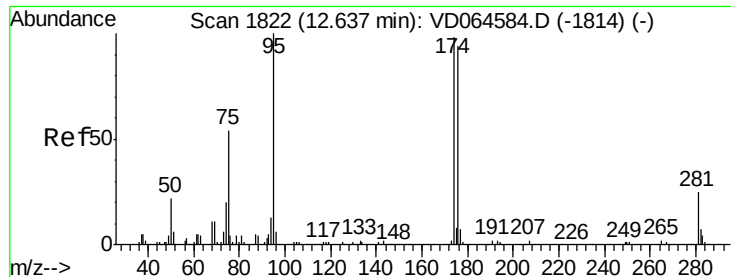


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

10.34



Time--> 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 47.215 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064754.D

Acq: 04 Jan 2020 02:04

Instrument :

MSVOA_D

ClientSampleId :

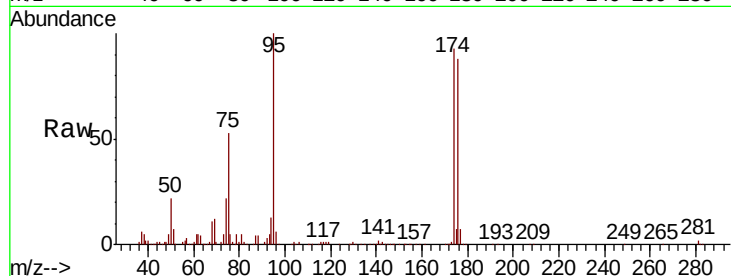
Tot Ion: 95 Resp: 274258

Ion Ratio Lower Upper

95 100

174 94.1 0.0 193.2

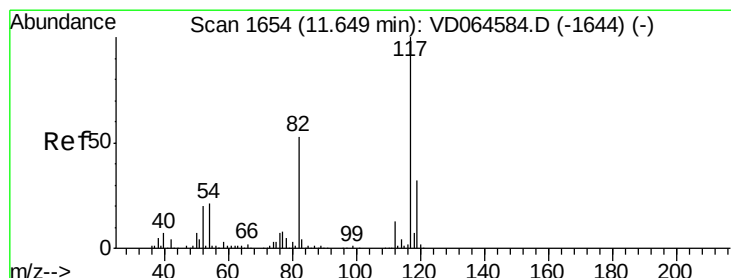
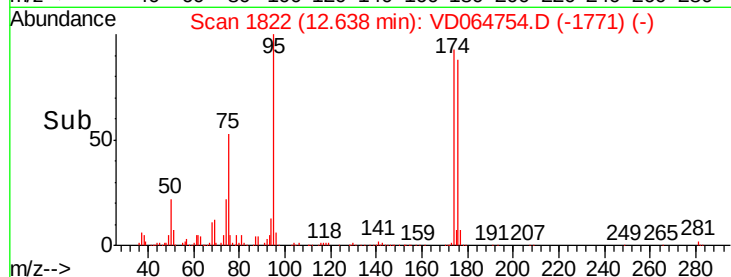
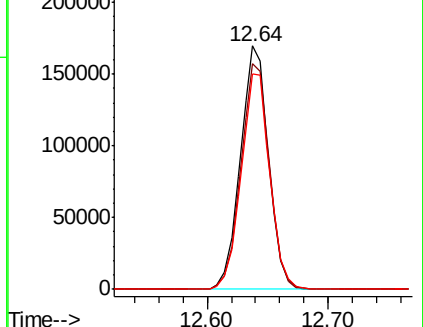
176 90.1 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064754.D

Acq: 04 Jan 2020 02:04

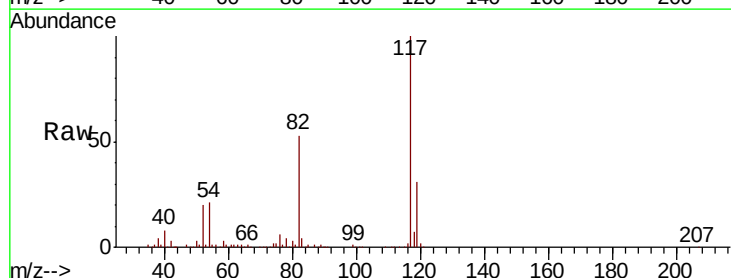
Tgt Ion: 117 Resp: 686870

Ion Ratio Lower Upper

117 100

82 52.9 42.2 63.4

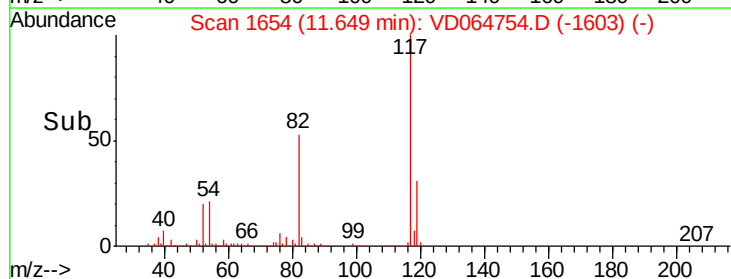
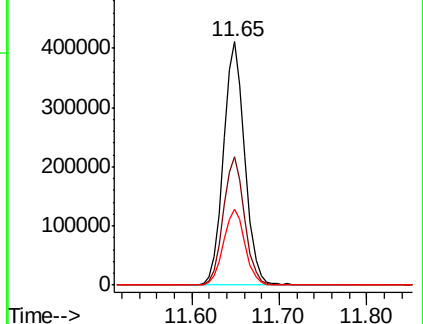
119 31.3 26.0 39.0

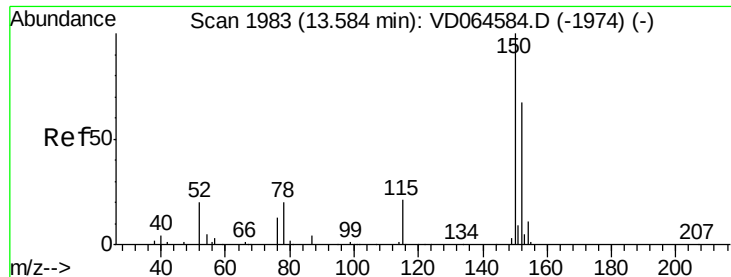


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064754.D

Acq: 04 Jan 2020 02:04

Instrument :

MSVOA_D

ClientSampleId :

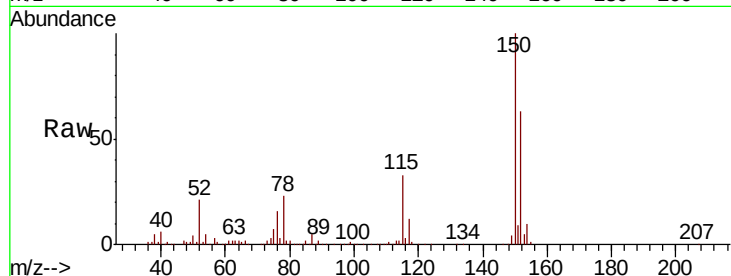
Tot Ion:152 Resp: 297563

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

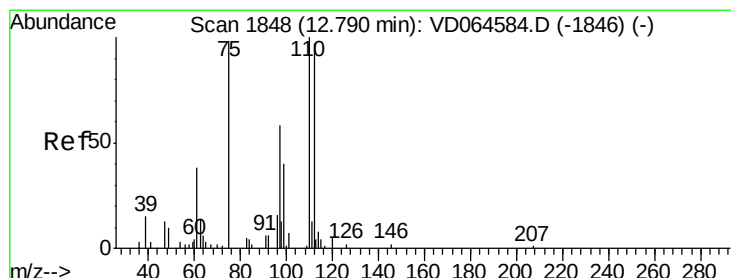
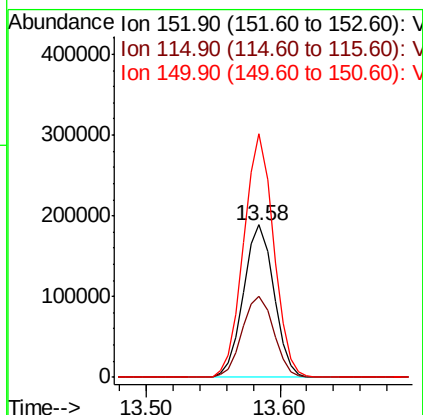
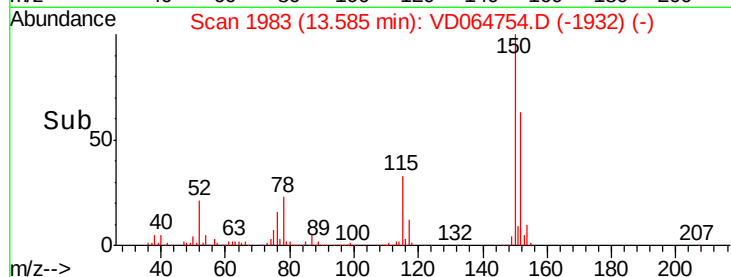
150 157.2 0.0 351.4



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: 60.911 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064754.D

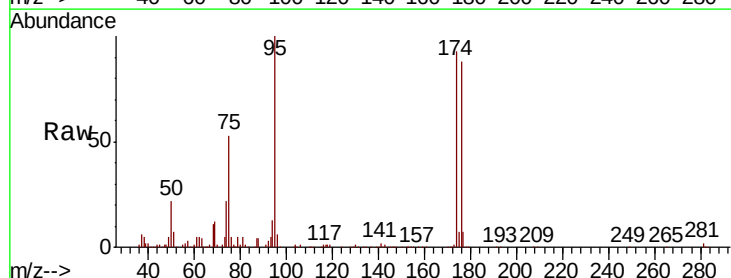
Acq: 04 Jan 2020 02:04

Tgt Ion: 75 Resp: 143124

Ion Ratio Lower Upper

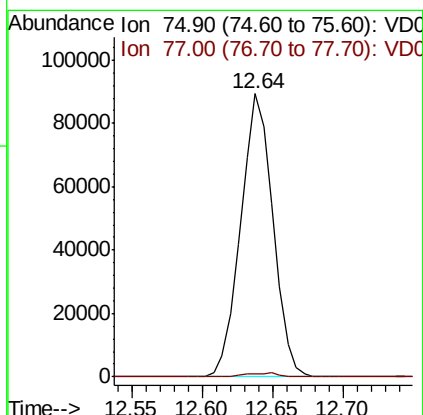
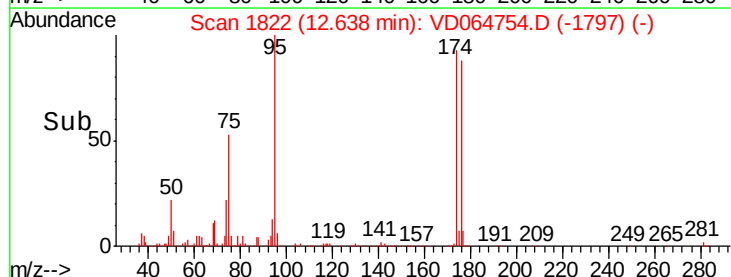
75 100

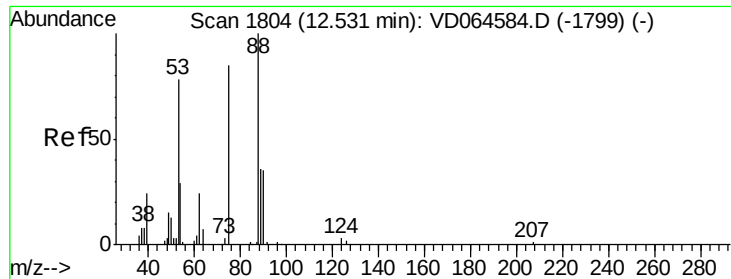
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 127.392 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064754.D

Acq: 04 Jan 2020 02:04

Instrument :

MSVOA_D

ClientSampleId :

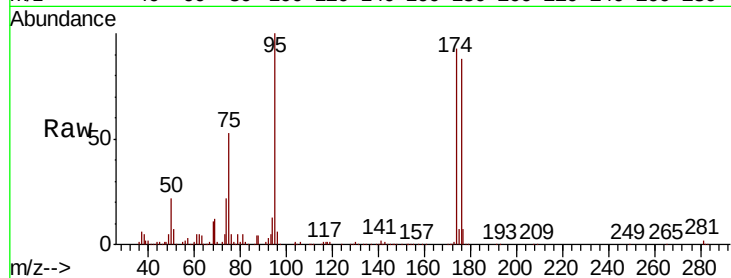
Tot Ion: 75 Resp: 143124

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#



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

