

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064756.D
 Acq On : 04 Jan 2020 03:02
 Operator : VA/SY
 Sample : K6463-03RE
 Misc : 8.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:52:25 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

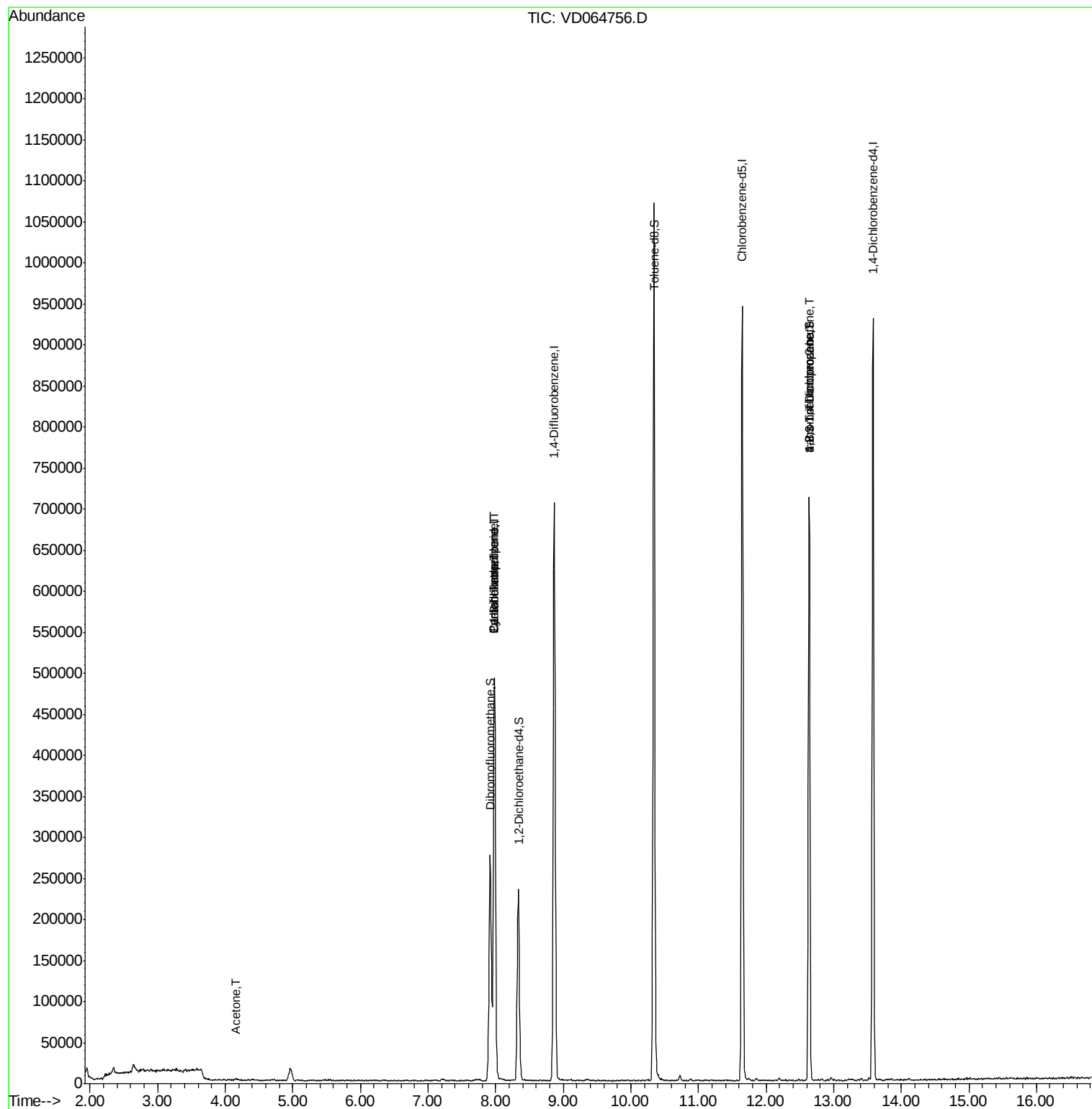
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	385043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	589645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	531101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247513	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	186007	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
35) Dibromofluoromethane	7.92	113	189111	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
50) Toluene-d8	10.34	98	708163	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.64	95	213368	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	3578	8.594	ug/l #	87
20) Methylene Chloride	4.96	84	10955	Below Cal		90
31) Cyclohexane	7.98	56	9186	1.451	ug/l #	59
36) 1,1-Dichloropropene	7.98	75	28089	4.949	ug/l #	50
38) Carbon Tetrachloride	7.98	117	36122	5.969	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	113368	58.003	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	113368	121.312	ug/l #	10

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

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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: VD064756.D

Acq: 04 Jan 2020 03:02

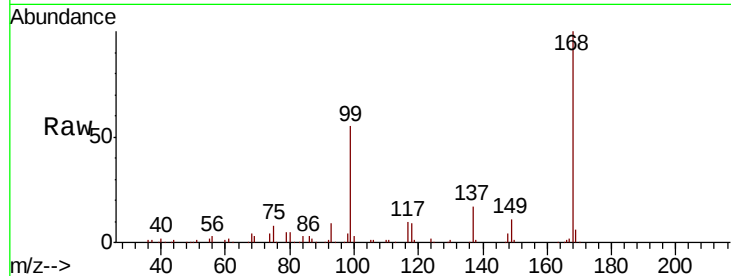
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 385043

Ion Ratio Lower Upper

168 100

99 55.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

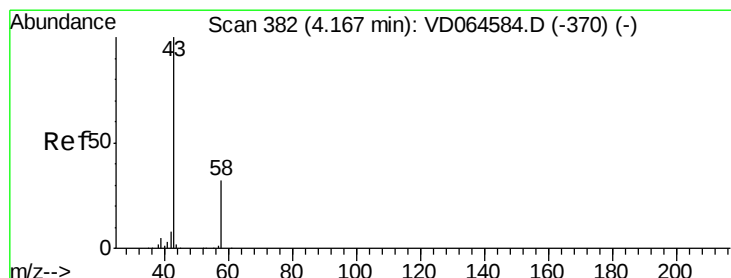
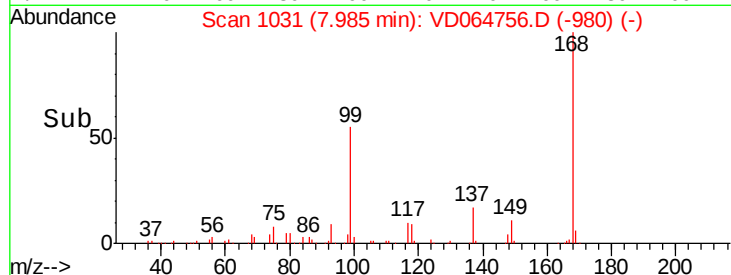
100000

50000

0

Time-->

7.90 8.00 8.10 8.20



#16

Acetone

Concen: 8.594 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064756.D

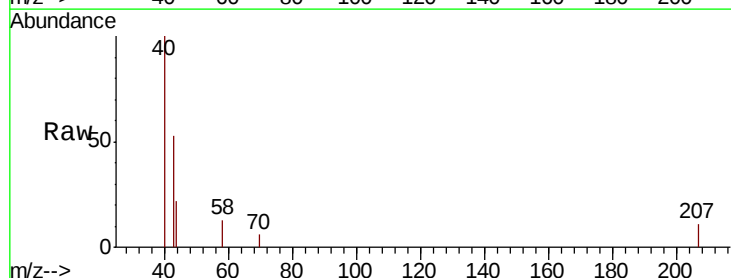
Acq: 04 Jan 2020 03:02

Tgt Ion: 43 Resp: 3578

Ion Ratio Lower Upper

43 100

58 24.7 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

1500

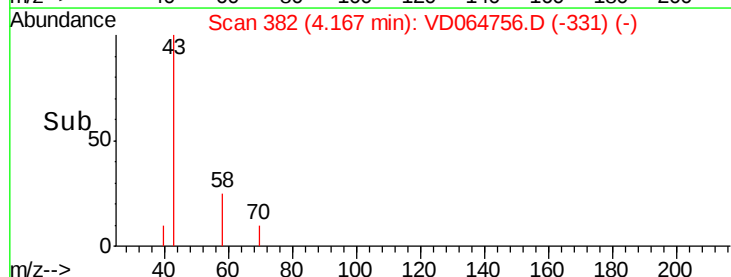
1000

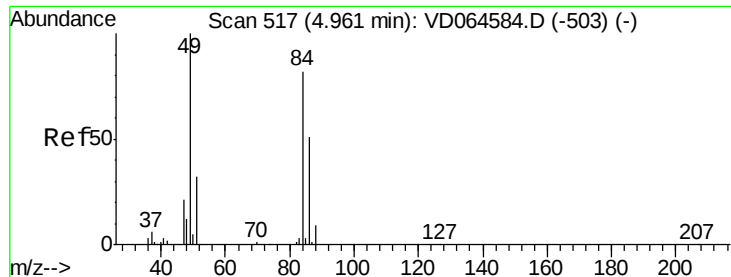
500

0

Time-->

4.10 4.15 4.20 4.25

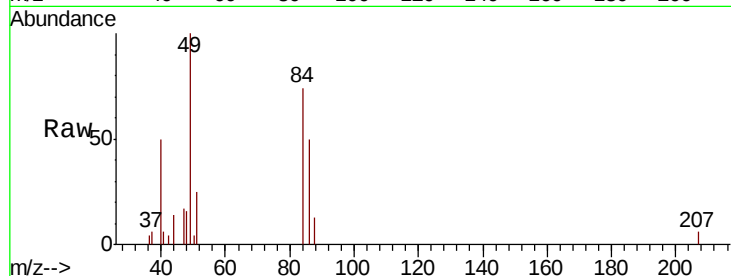




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064756.D
Acq: 04 Jan 2020 03:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	84	Resp	10955
Ion	Ratio	Lower	Upper
84	100		
49	134.3	97.2	145.8
51	33.8	31.4	47.0
86	66.6	49.3	73.9



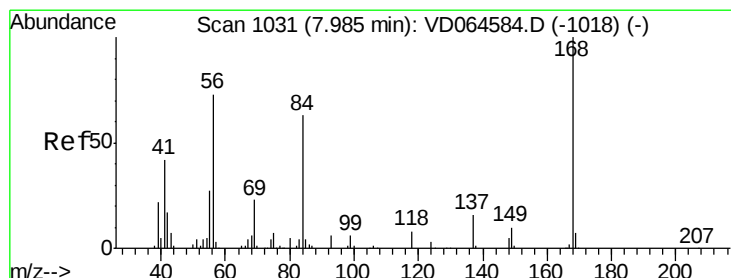
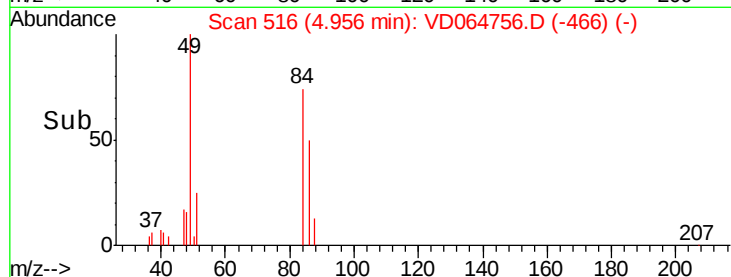
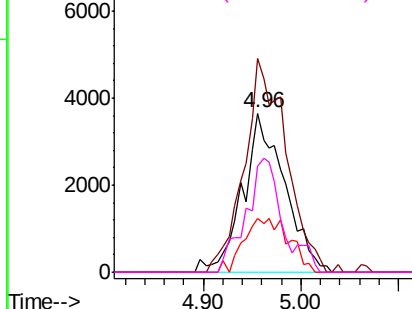
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

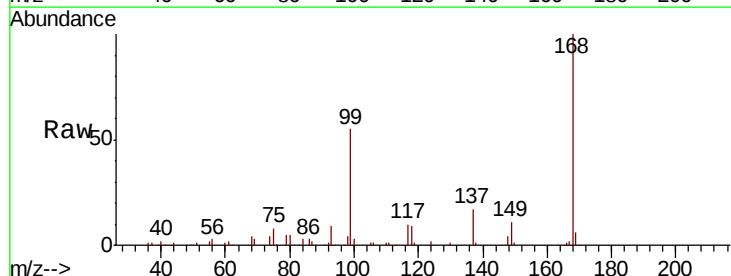
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31
Cyclohexane
Concen: 1.451 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064756.D
Acq: 04 Jan 2020 03:02

Tgt Ion	56	Resp	9186
Ion	Ratio	Lower	Upper
56	100		
69	110.0	24.7	37.1#
84	90.8	69.4	104.2

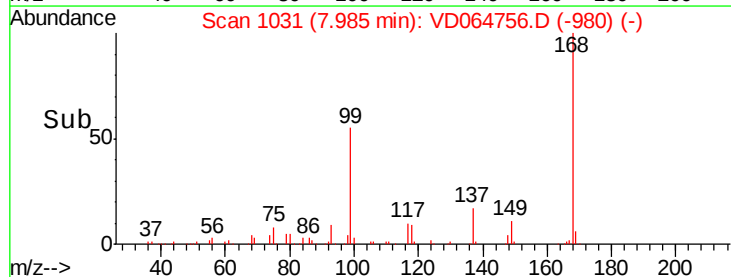
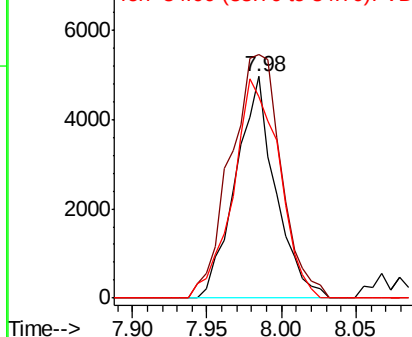


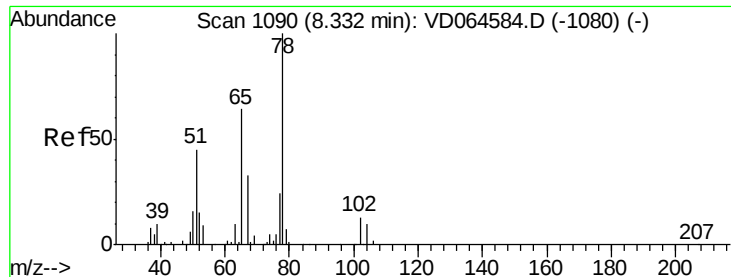
Abundance

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

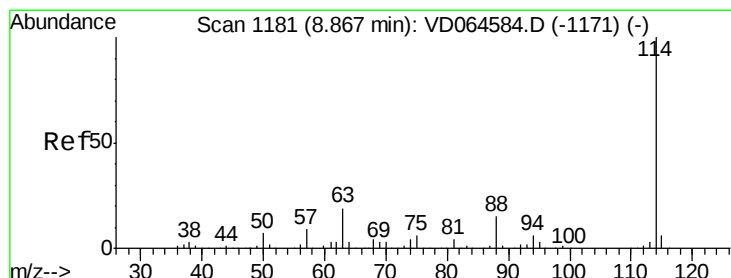
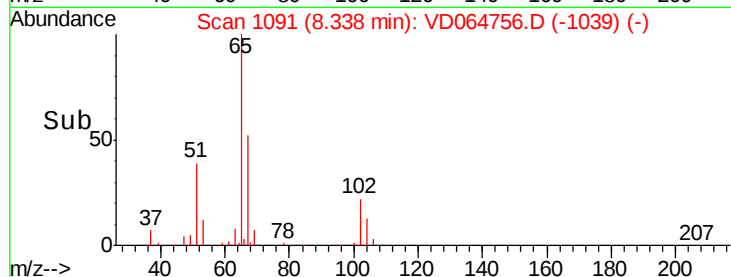
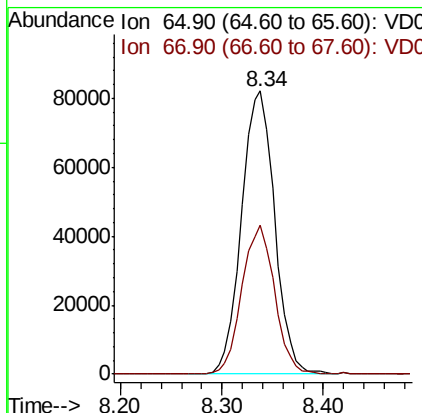
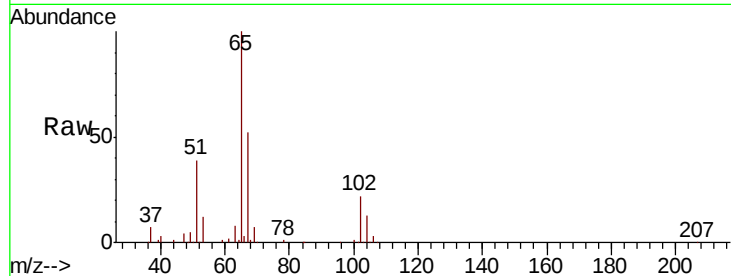




#33
 1,2-Dichloroethane-d4
 Concen: 54.784 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064756.D
 Acq: 04 Jan 2020 03:02

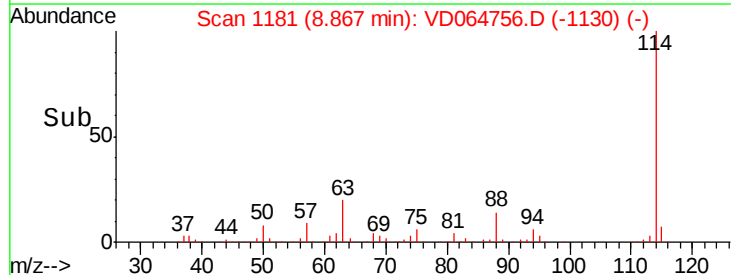
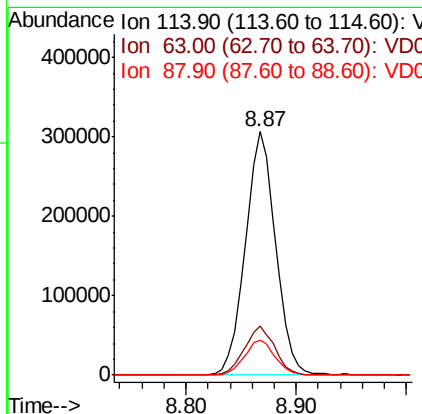
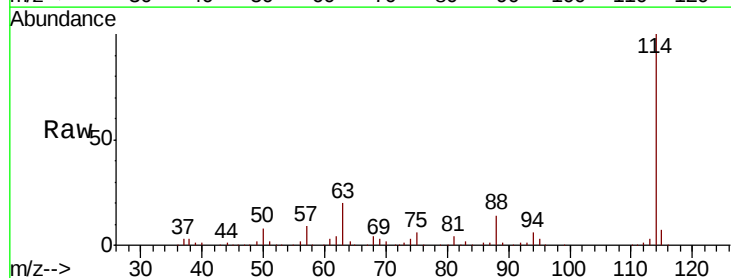
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 65 Resp: 186007
 Ion Ratio Lower Upper
 65 100
 67 51.8 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: VD064756.D
 Acq: 04 Jan 2020 03:02

Tgt Ion: 114 Resp: 589645
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 14.1 0.0 29.2

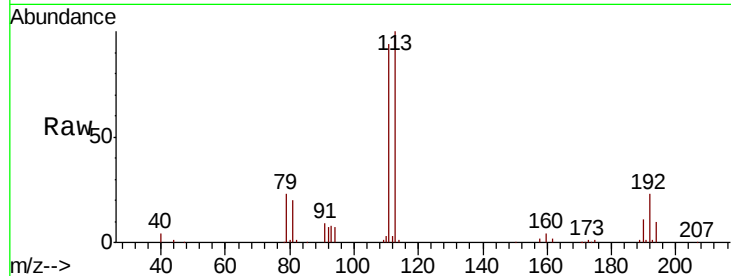




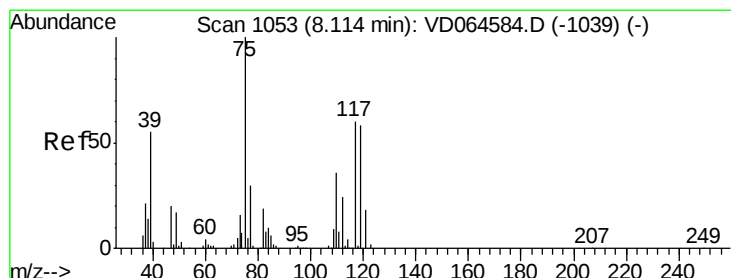
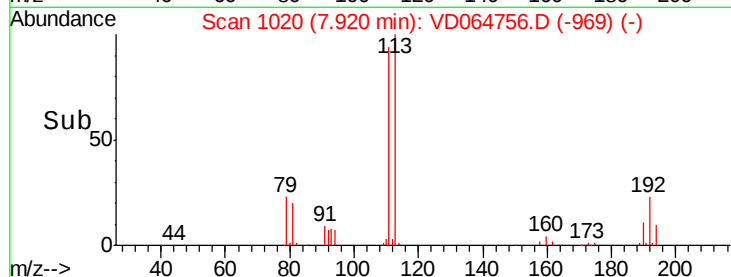
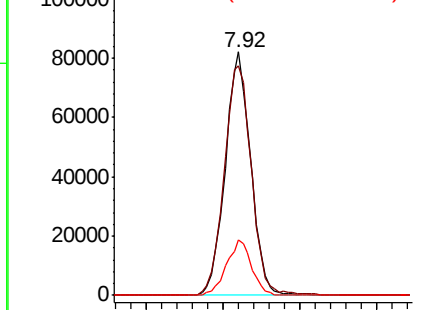
#35
 Dibromofluoromethane
 Concen: 52.276 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064756.D
 Acq: 04 Jan 2020 03:02

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.6	121.0
192	22.3	17.9	26.9

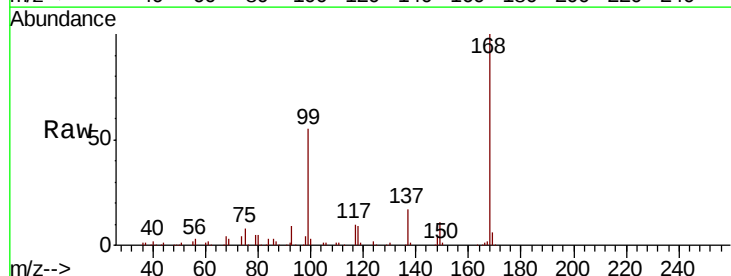


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

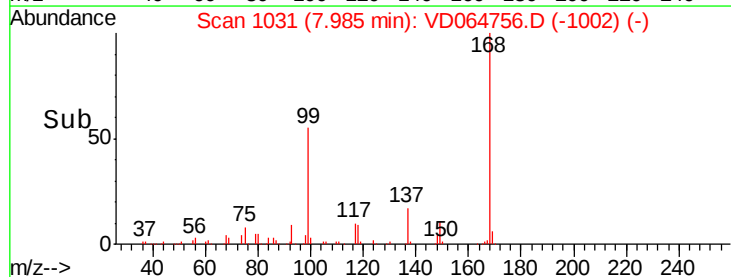
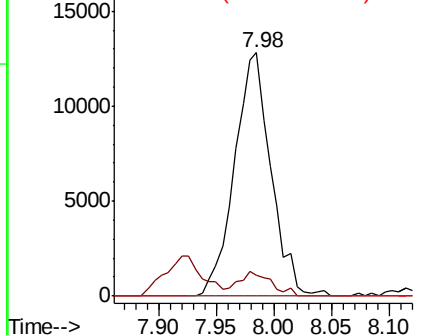


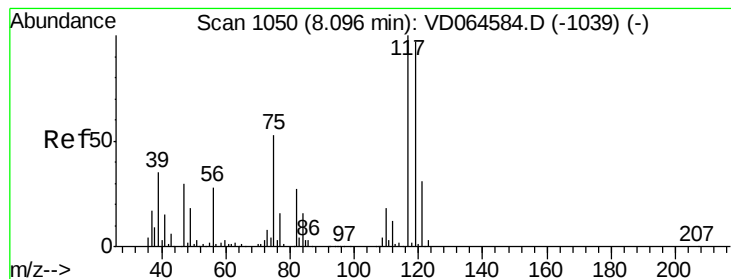
#36
 1,1-Dichloropropene
 Concen: 4.949 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064756.D
 Acq: 04 Jan 2020 03:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.0	24.2	36.4#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.969 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064756.D

Acq: 04 Jan 2020 03:02

Instrument :

MSVOA_D

ClientSampled :

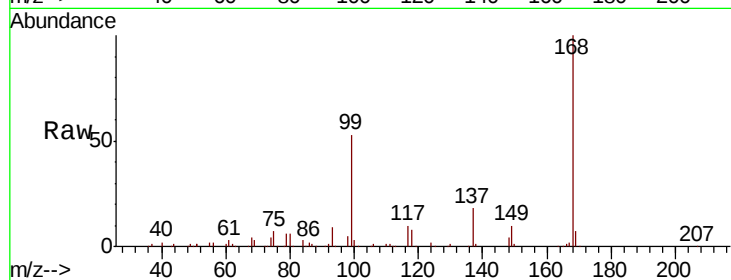
Tot Ion:117 Resp: 36122

Ion Ratio Lower Upper

117 100

119 4.9 77.3 115.9#

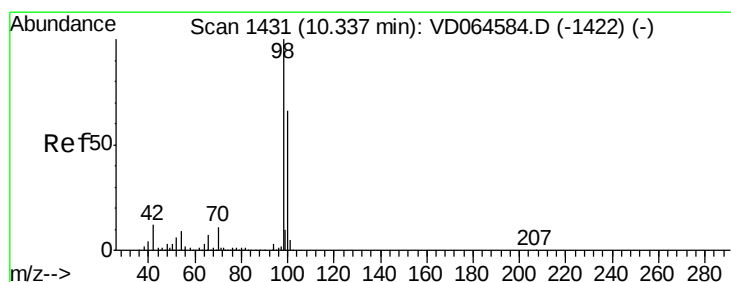
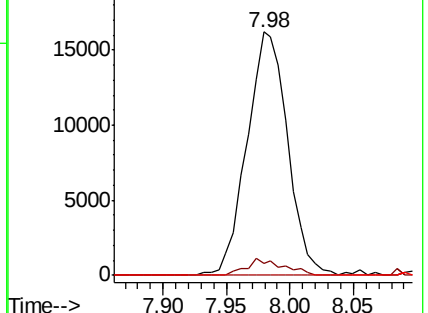
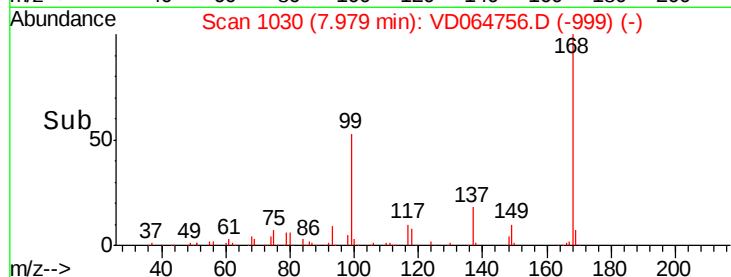
121 0.0 25.0 37.6#



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: 51.113 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064756.D

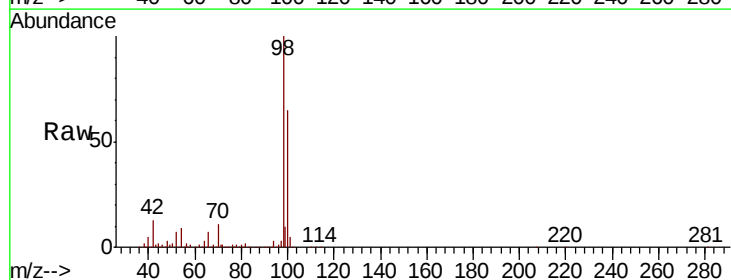
Acq: 04 Jan 2020 03:02

Tgt Ion: 98 Resp: 708163

Ion Ratio Lower Upper

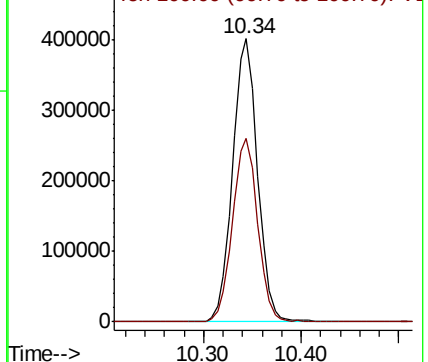
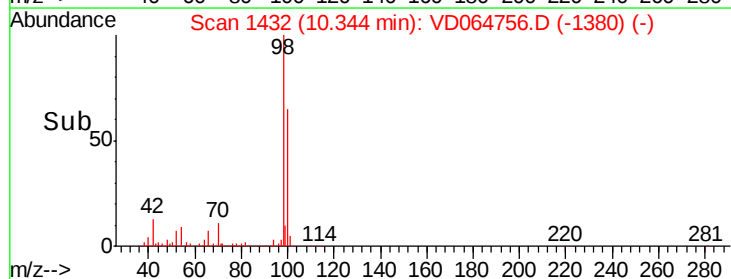
98 100

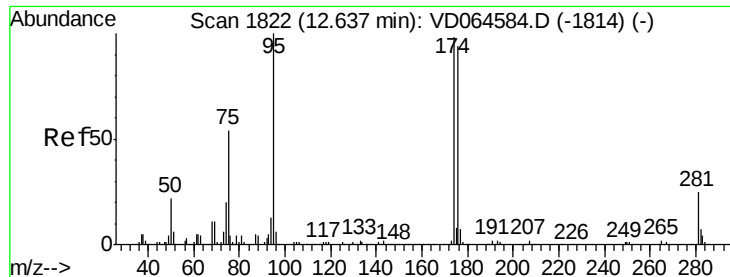
100 65.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.702 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064756.D

Acq: 04 Jan 2020 03:02

Instrument :

MSVOA_D

ClientSampleId :

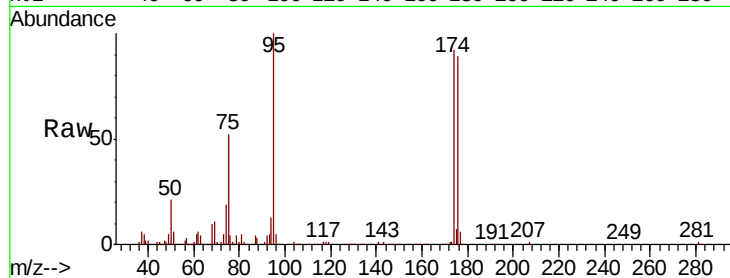
Tot Ion: 95 Resp: 213368

Ion Ratio Lower Upper

95 100

174 94.2 0.0 193.2

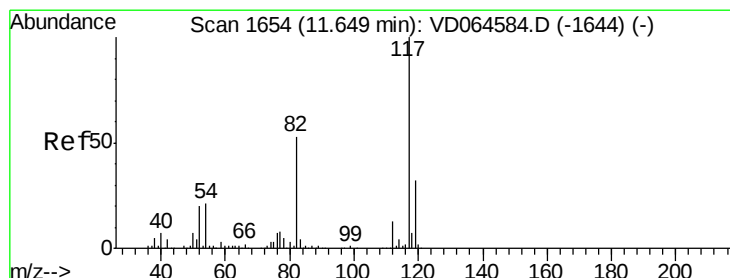
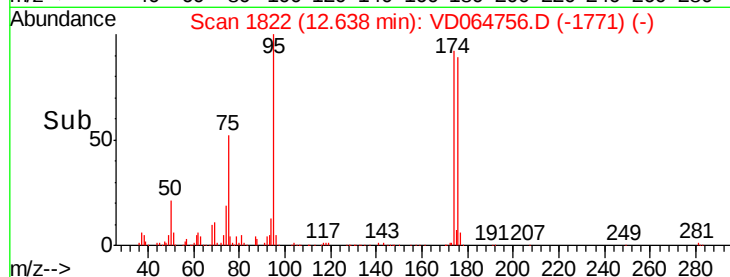
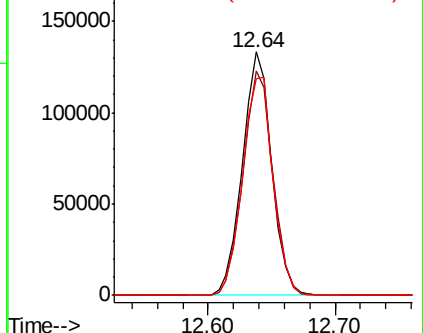
176 93.7 0.0 184.2



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: VD064756.D

Acq: 04 Jan 2020 03:02

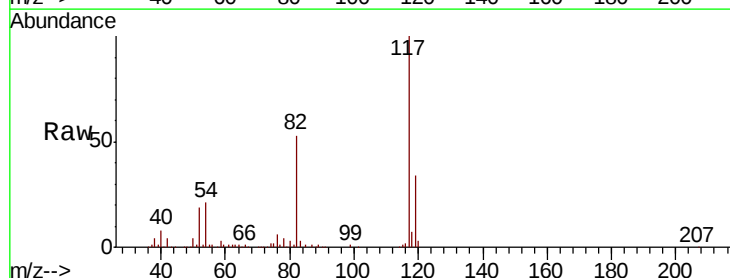
Tgt Ion: 117 Resp: 531101

Ion Ratio Lower Upper

117 100

82 52.7 42.2 63.4

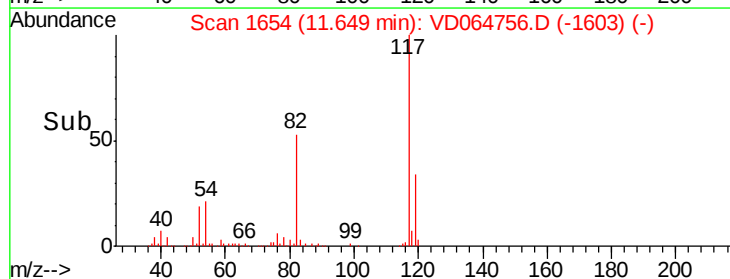
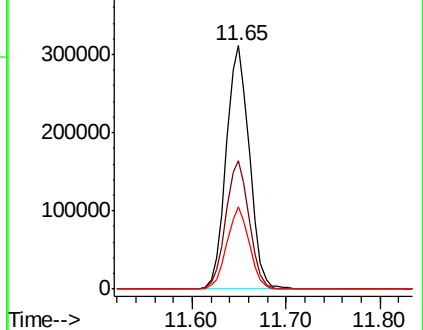
119 33.9 26.0 39.0

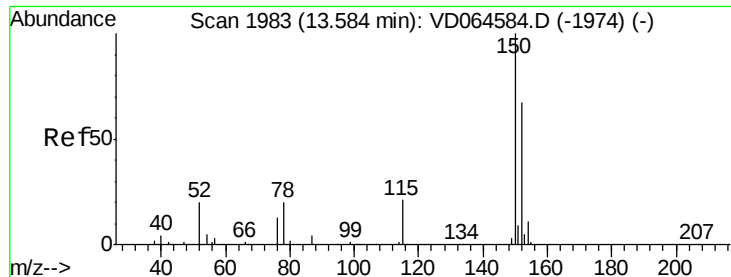


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064756.D

Acq: 04 Jan 2020 03:02

Instrument :

MSVOA_D

ClientSampleId :

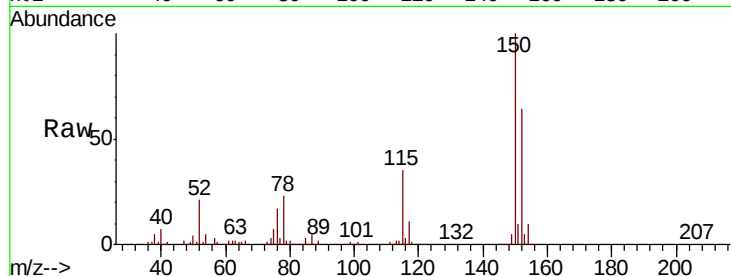
Tot Ion:152 Resp: 247513

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

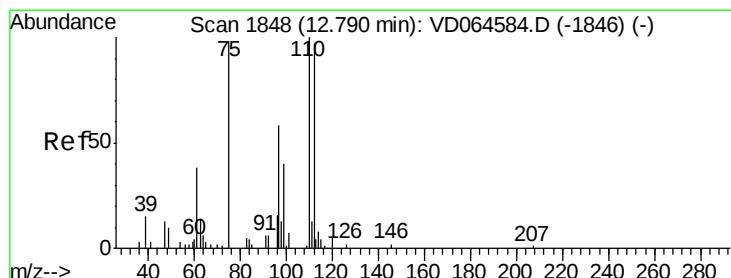
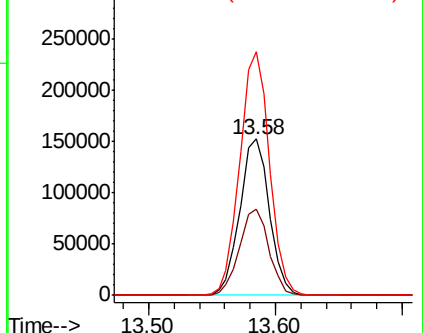
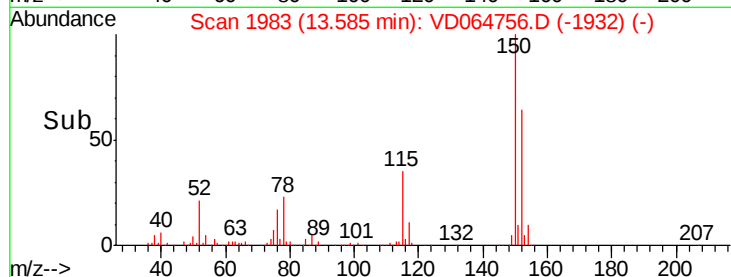
150 155.6 0.0 351.4



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: 58.003 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064756.D

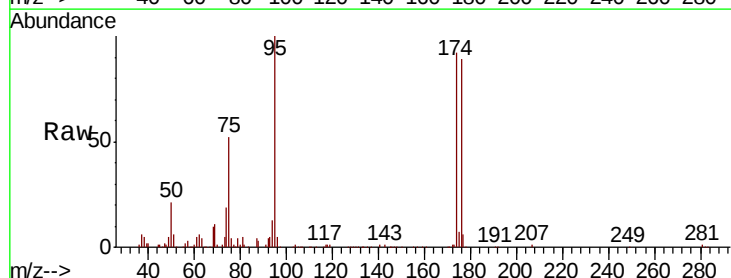
Acq: 04 Jan 2020 03:02

Tgt Ion: 75 Resp: 113368

Ion Ratio Lower Upper

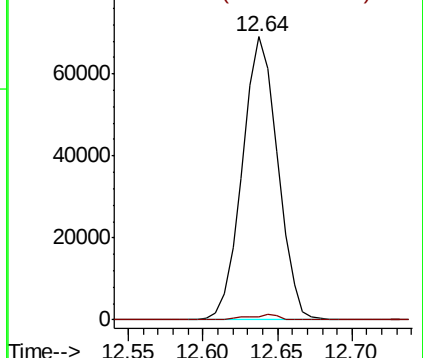
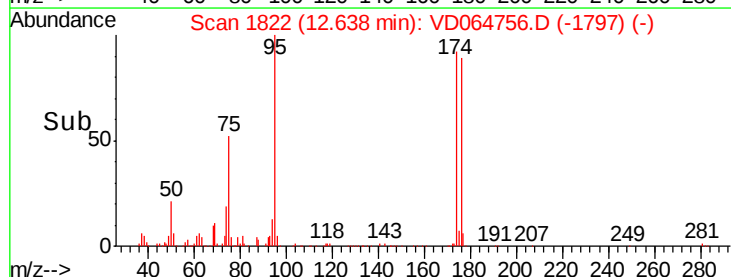
75 100

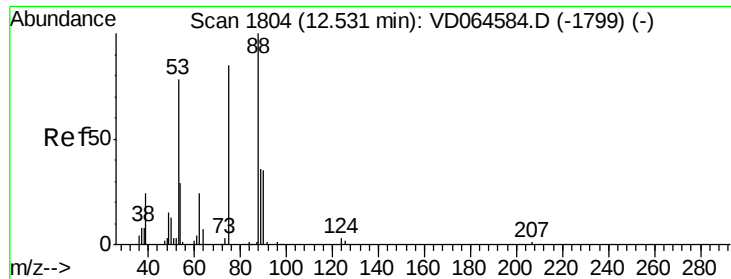
77 1.6 0.0 0.0#



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: 121.312 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064756.D

Acq: 04 Jan 2020 03:02

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 113368

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.0 38.3 57.5#

