

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064886.D
 Acq On : 20 Jan 2020 13:11
 Operator : VA/SY
 Sample : L1176-01
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 21 04:09:33 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

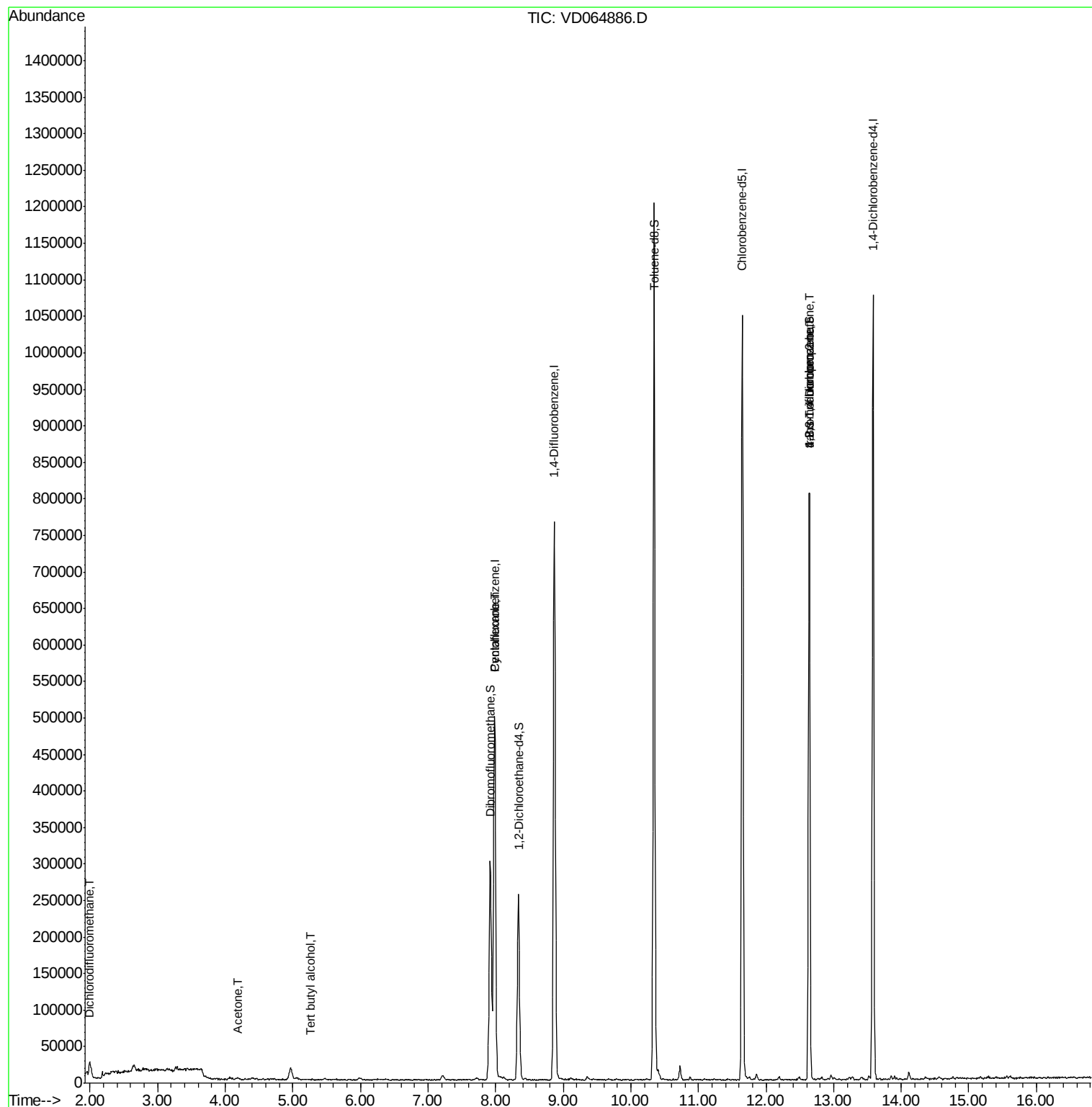
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	381388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	642589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	597054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	200604	59.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.30%	
35) Dibromofluoromethane	7.92	113	205533	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.34	98	780306	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.64	95	240154	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	14278	4.817	ug/l	94
11) Tert butyl alcohol	5.26	59	566	2.937	ug/l #	70
16) Acetone	4.17	43	3447	8.473	ug/l #	81
20) Methylene Chloride	4.96	84	11803	Below Cal		94
31) Cyclohexane	7.99	56	9110	1.453	ug/l #	29
76) 1,2,3-Trichloropropane	12.64	75	134441	60.909	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	134441	127.389	ug/l #	10

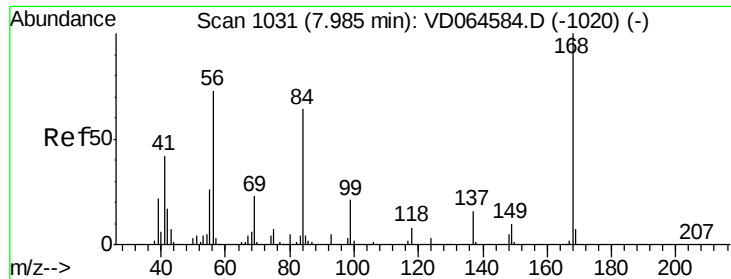
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012020\
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MSVOA_D
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Quant Time: Jan 21 04:09:33 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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064886.D

Acq: 20 Jan 2020 13:11

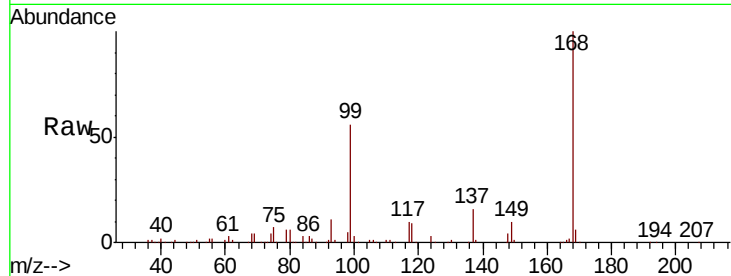
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 381388

Ion Ratio Lower Upper

168 100

99 55.8 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

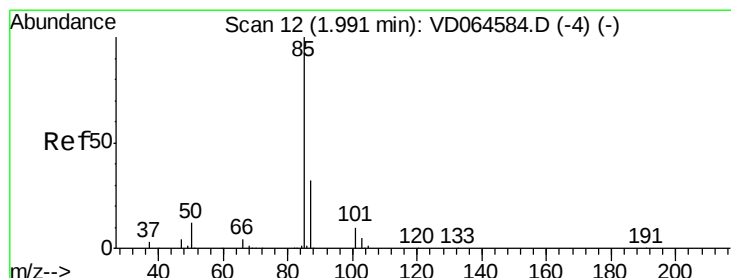
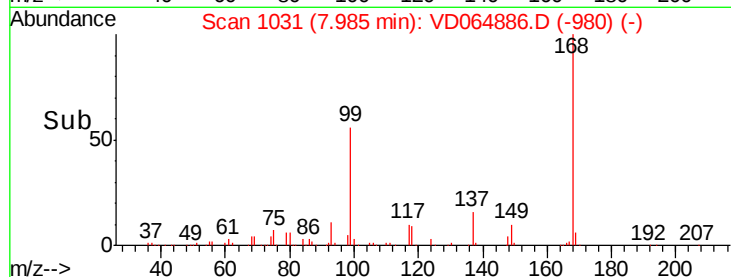
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 4.817 ug/l

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD064886.D

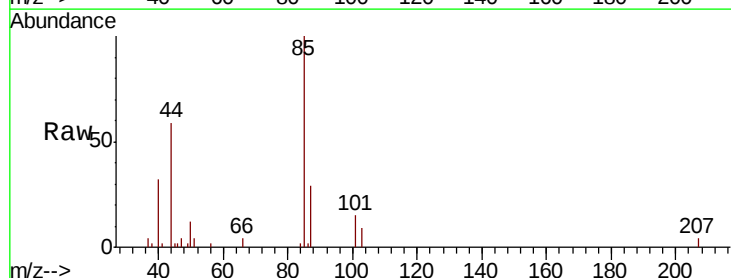
Acq: 20 Jan 2020 13:11

Tgt Ion: 85 Resp: 14278

Ion Ratio Lower Upper

85 100

87 28.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

2.00

10000

8000

6000

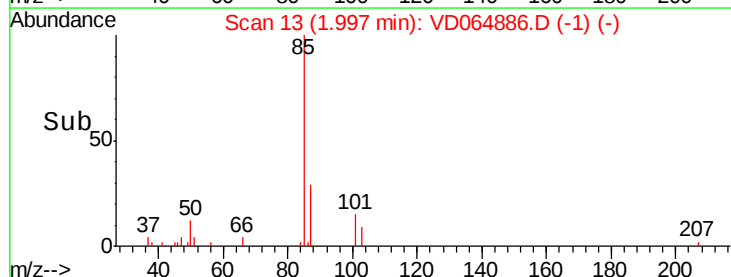
4000

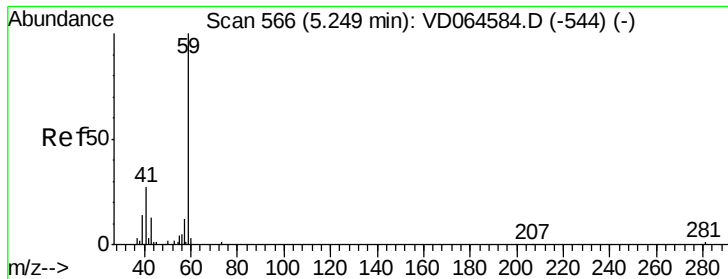
2000

0

1.95 2.00 2.05

Time-->

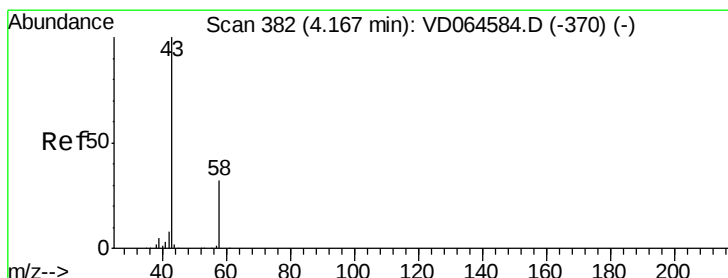
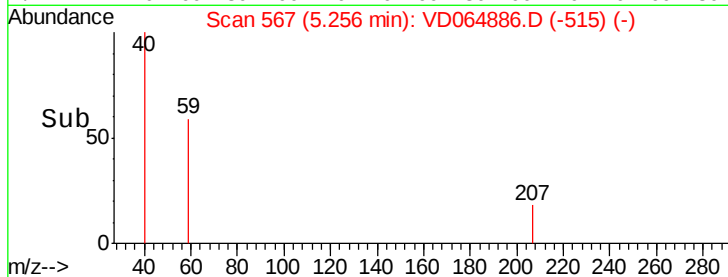
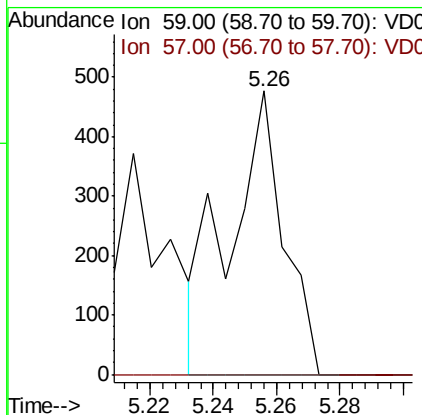
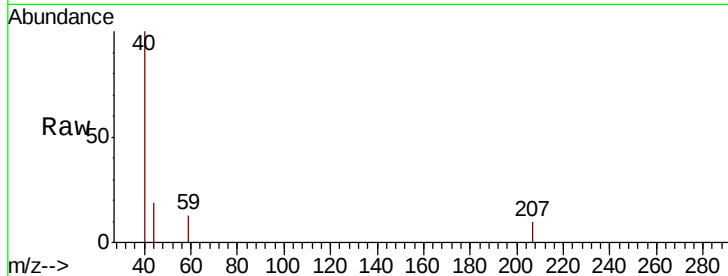




#11
Tert butyl alcohol
Concen: 2.937 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD064886.D
Acq: 20 Jan 2020 13:11

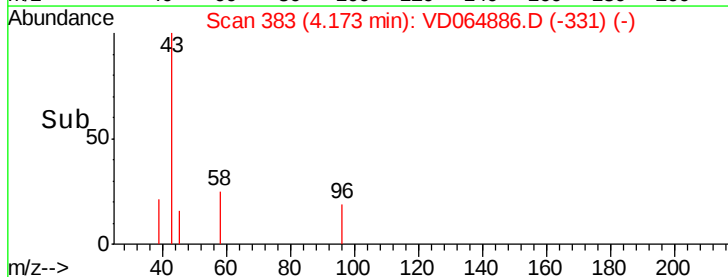
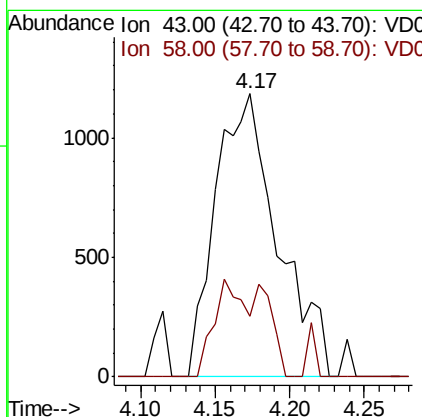
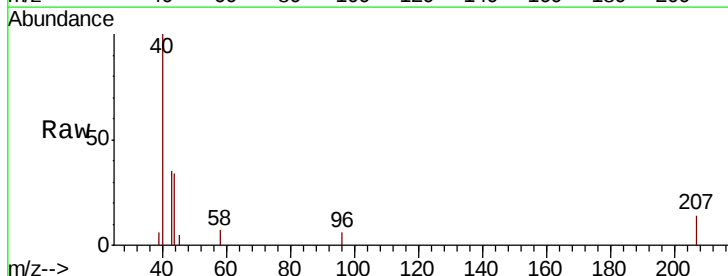
Instrument :
MSVOA_D
ClientSampled :

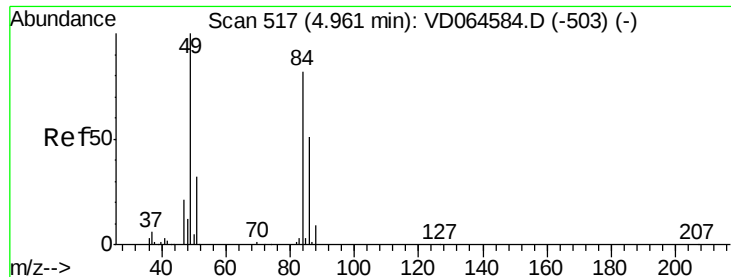
Tot Ion: 59 Resp: 566
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#16
Acetone
Concen: 8.473 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.01 min
Lab File: VD064886.D
Acq: 20 Jan 2020 13:11

Tgt Ion: 43 Resp: 3447
Ion Ratio Lower Upper
43 100
58 21.5 25.8 38.6#

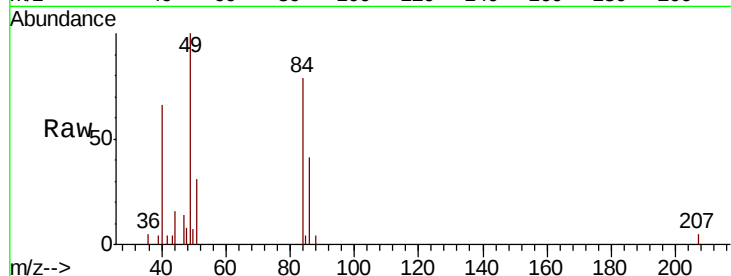




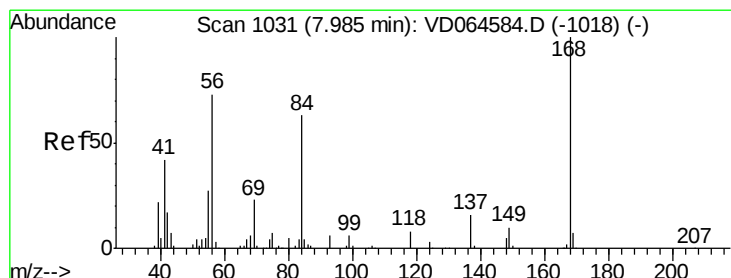
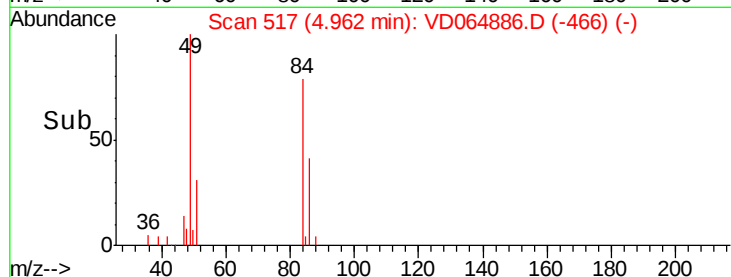
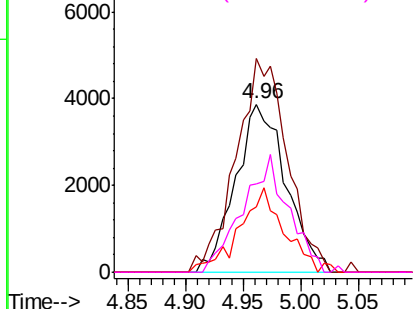
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064886.D
Acq: 20 Jan 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 11803
Ion Ratio Lower Upper
84 100
49 127.0 97.2 145.8
51 39.1 31.4 47.0
86 52.5 49.3 73.9

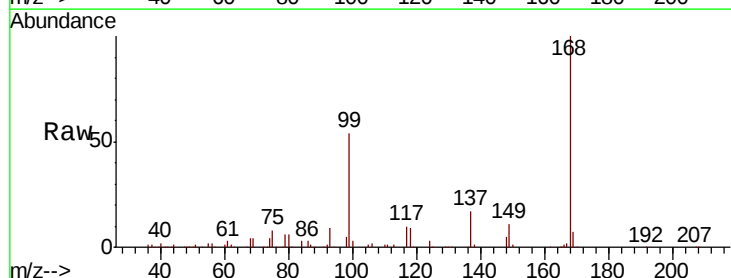


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

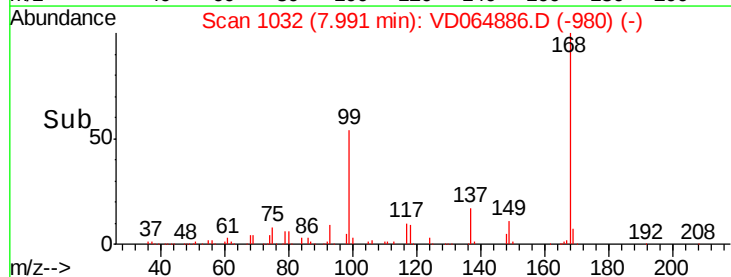
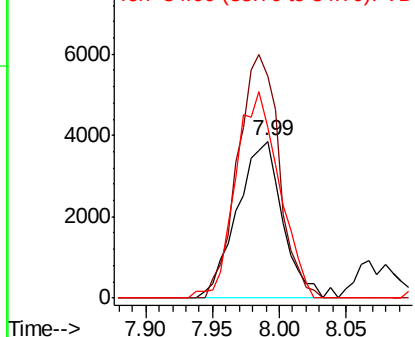


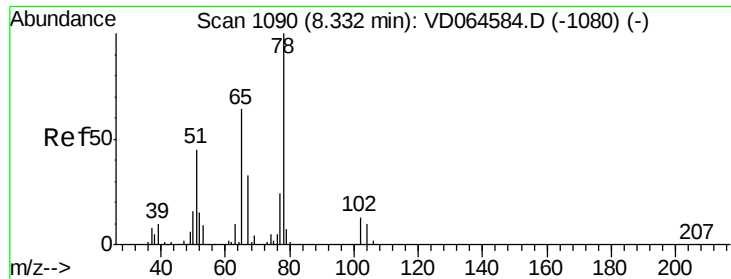
#31
Cyclohexane
Concen: 1.453 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD064886.D
Acq: 20 Jan 2020 13:11

Tgt Ion: 56 Resp: 9110
Ion Ratio Lower Upper
56 100
69 141.5 24.7 37.1#
84 108.8 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

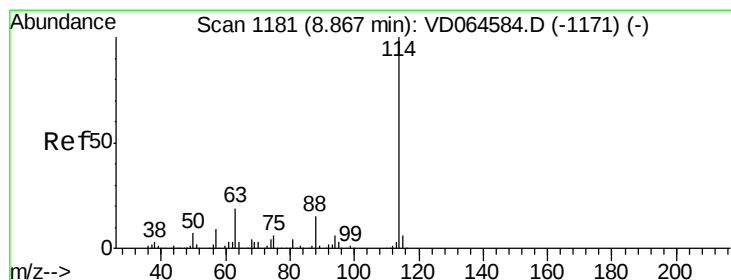
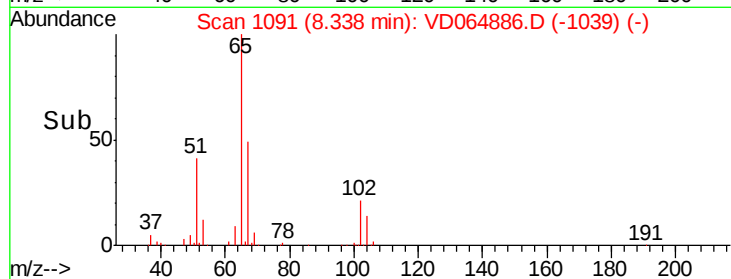
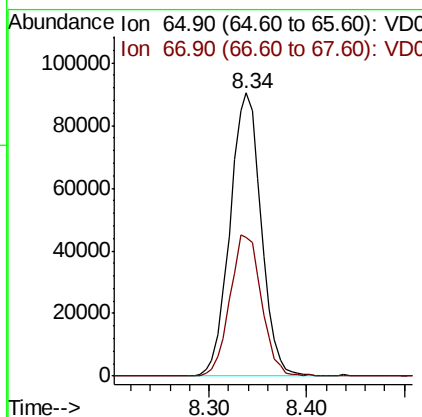
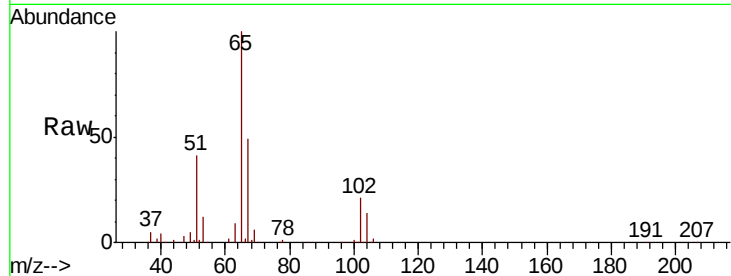




#33
 1,2-Dichloroethane-d4
 Concen: 59.650 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064886.D
 Acq: 20 Jan 2020 13:11

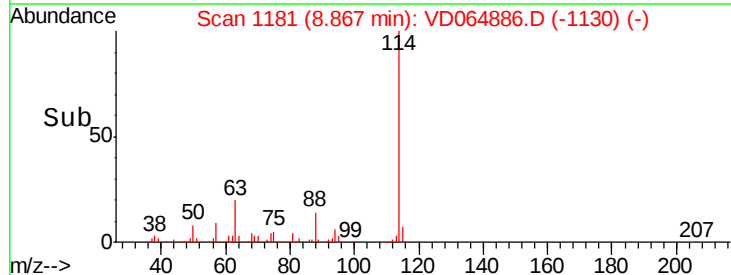
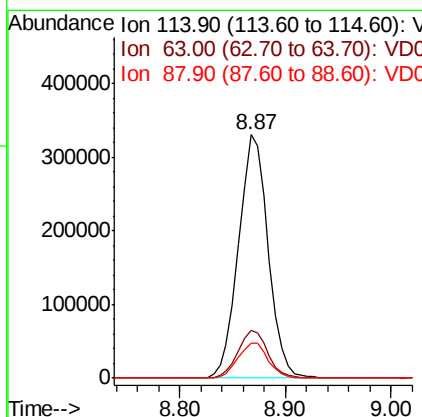
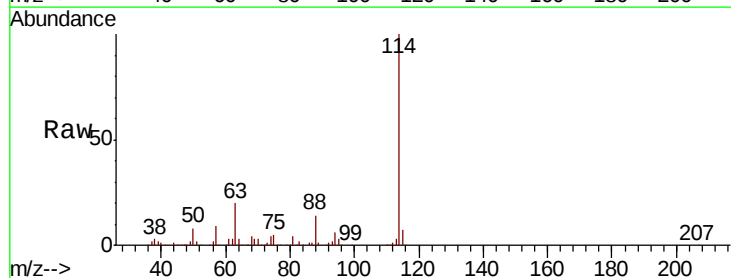
Instrument :
 MSVOA_D
 ClientSampled :

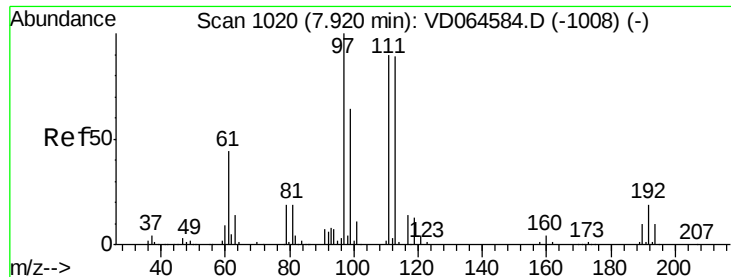
Tot Ion: 65 Resp: 200604
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064886.D
 Acq: 20 Jan 2020 13:11

Tgt Ion: 114 Resp: 642589
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 14.3 0.0 29.2

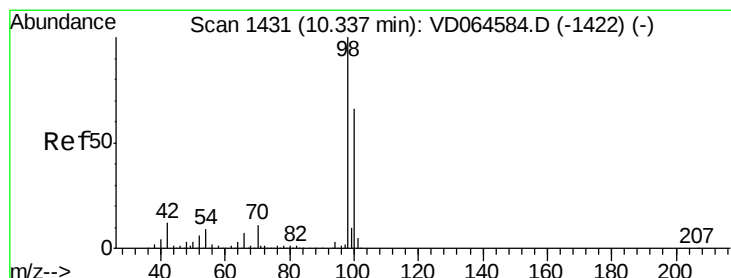
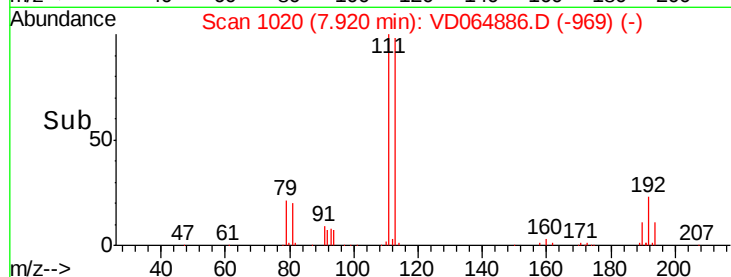
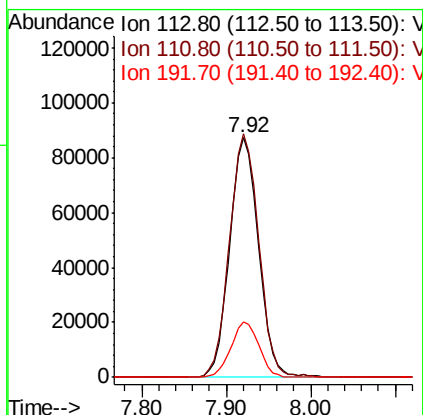
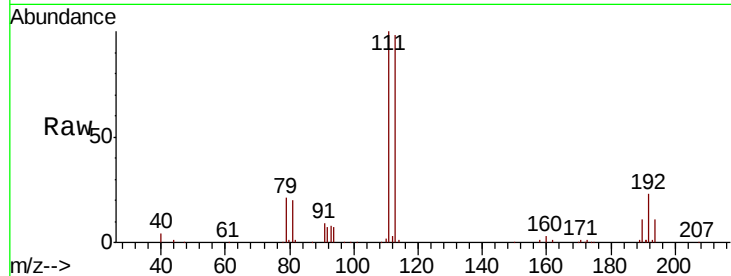




#35
 Dibromofluoromethane
 Concen: 52.134 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064886.D
 Acq: 20 Jan 2020 13:11

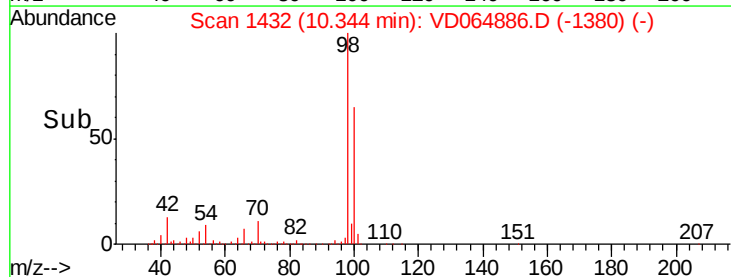
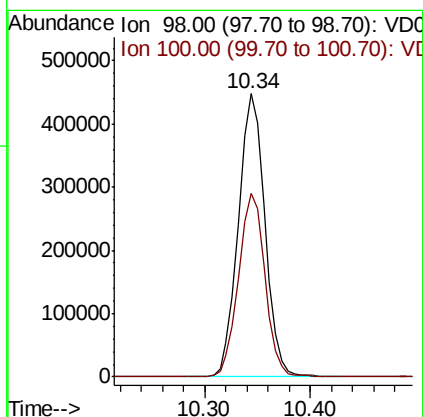
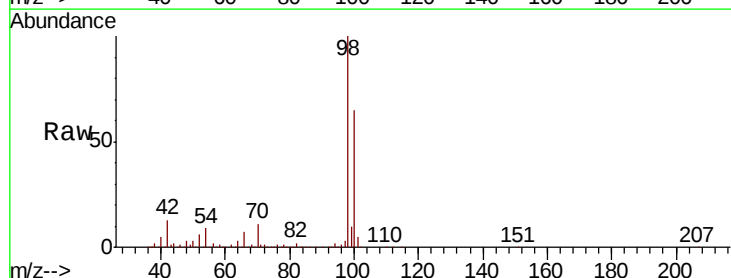
Instrument :
 MSVOA_D
 ClientSampleId :

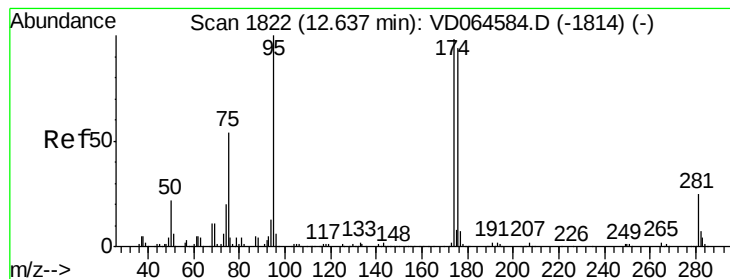
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.6	121.0
192	22.7	17.9	26.9



#50
 Toluene-d8
 Concen: 51.680 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064886.D
 Acq: 20 Jan 2020 13:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 50.300 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064886.D

Acq: 20 Jan 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

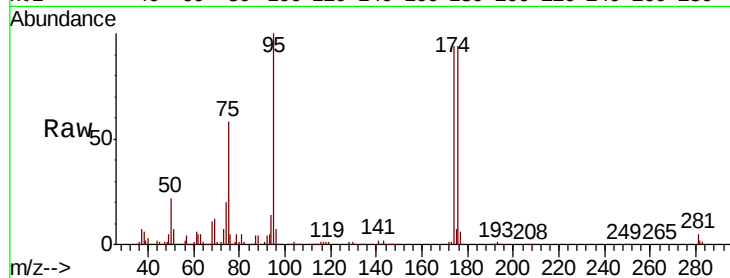
Tot Ion: 95 Resp: 240154

Ion Ratio Lower Upper

95 100

174 97.1 0.0 193.2

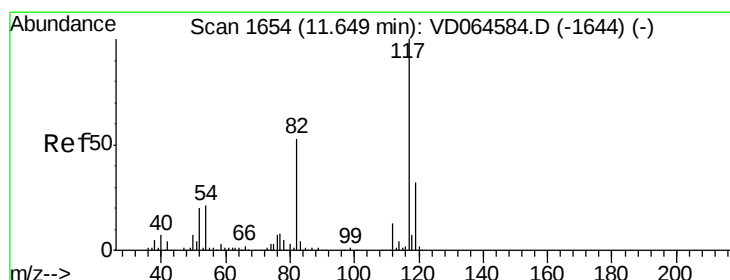
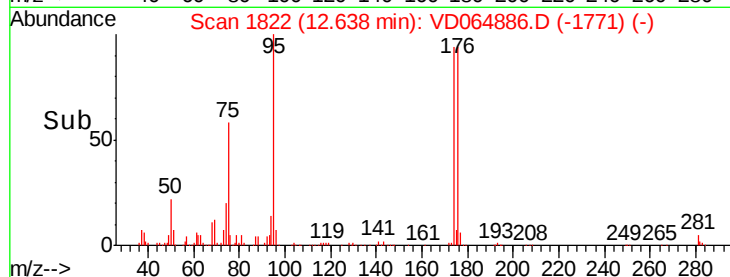
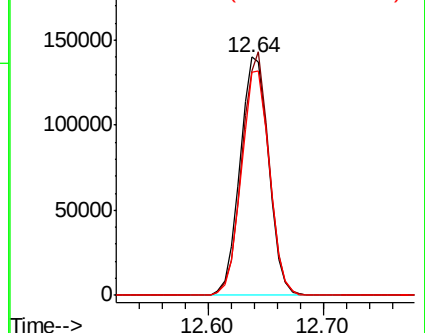
176 93.0 0.0 184.2



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: VD064886.D

Acq: 20 Jan 2020 13:11

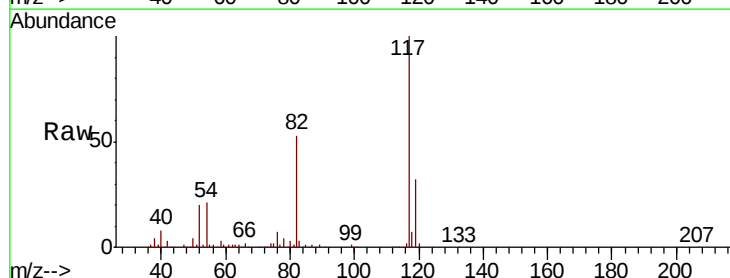
Tgt Ion: 117 Resp: 597054

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.4

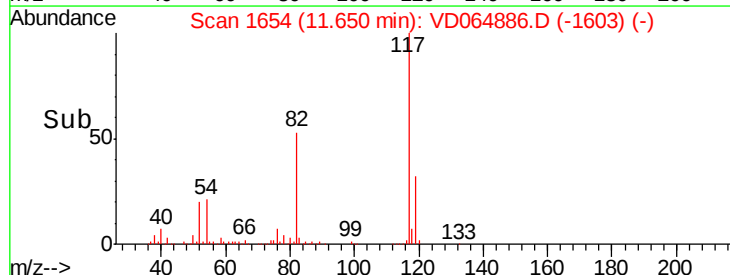
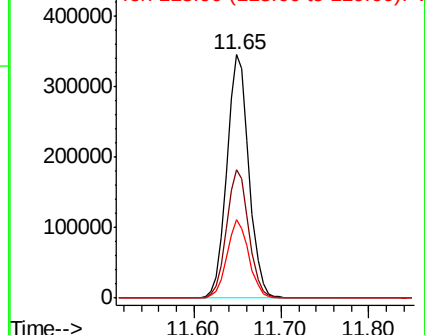
119 32.1 26.0 39.0

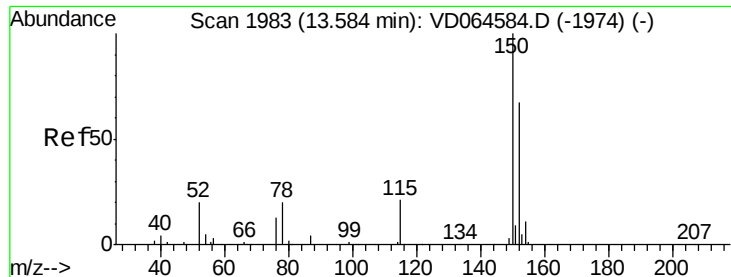


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064886.D

Acq: 20 Jan 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

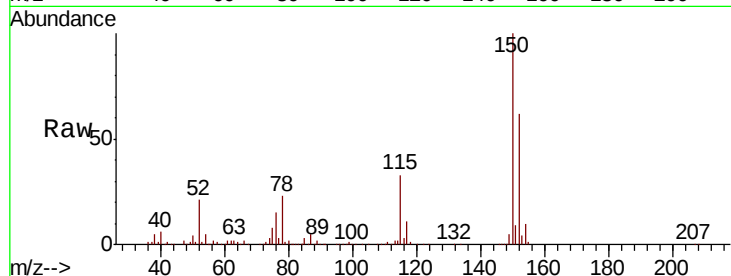
Tot Ion:152 Resp: 279519

Ion Ratio Lower Upper

152 100

115 53.8 27.8 83.4

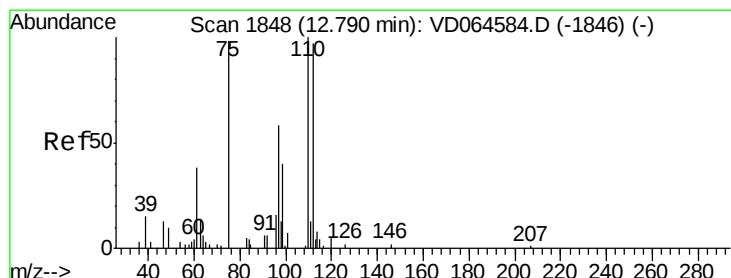
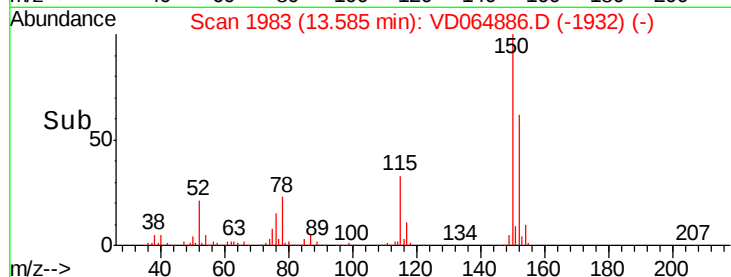
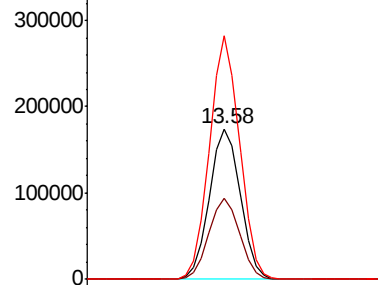
150 157.8 0.0 351.4



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: 60.909 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064886.D

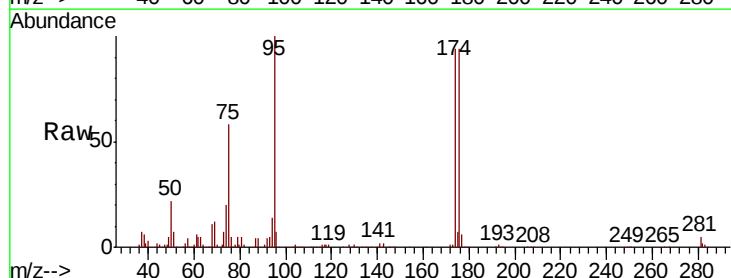
Acq: 20 Jan 2020 13:11

Tgt Ion: 75 Resp: 134441

Ion Ratio Lower Upper

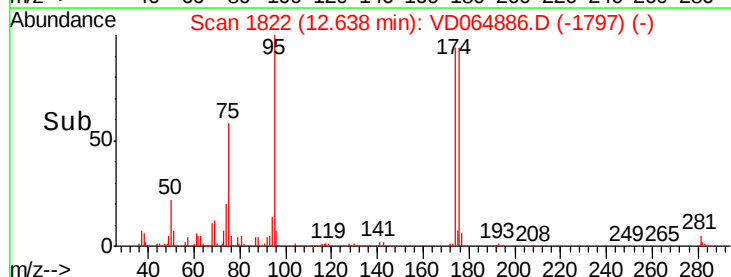
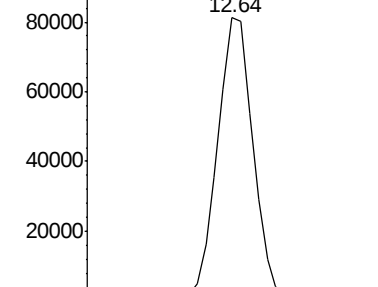
75 100

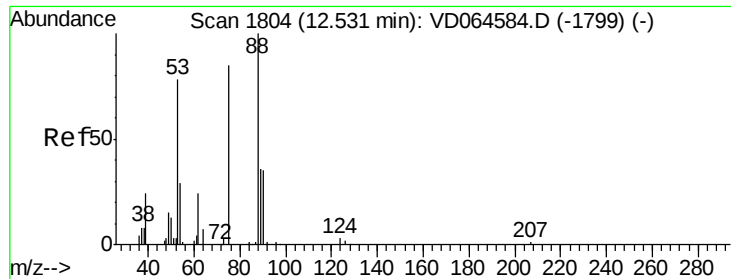
77 1.2 0.0 0.0#



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: 127.389 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064886.D

Acq: 20 Jan 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

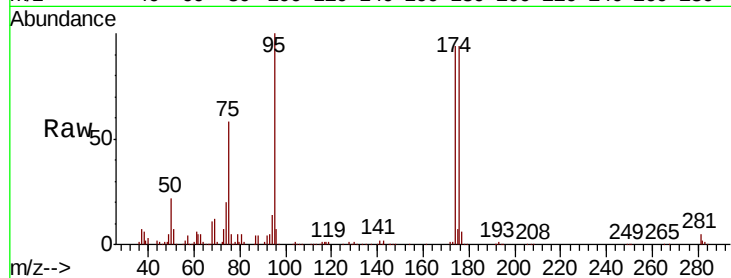
Tot Ion: 75 Resp: 134441

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

