

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064382.D
 Acq On : 26 Nov 2019 14:19
 Operator : VA/SY
 Sample : K6012-01
 Misc : 8.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 27 05:51:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

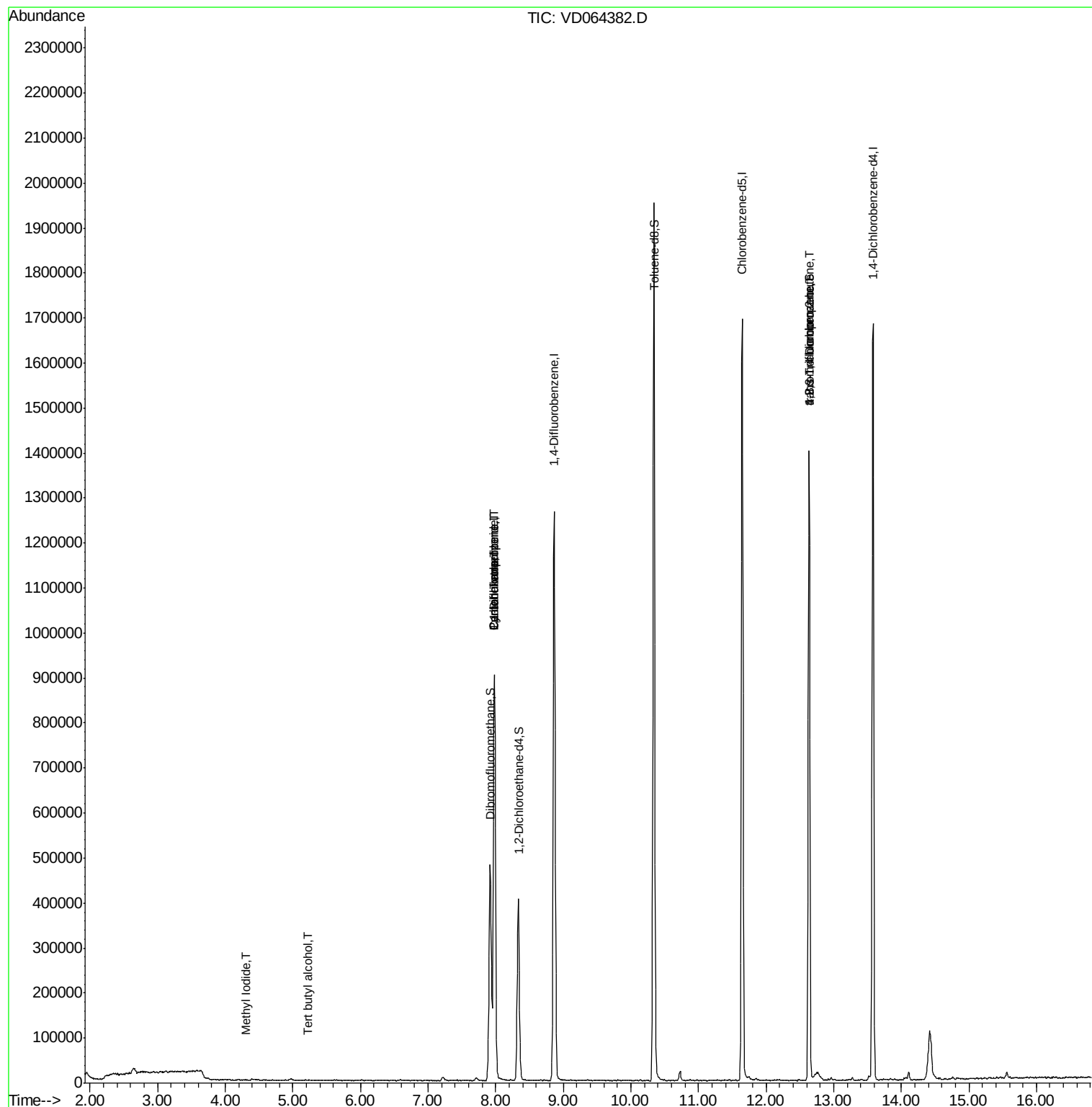
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	746944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1099163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	989117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	471490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	318712	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
35) Dibromofluoromethane	7.92	113	338044	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
50) Toluene-d8	10.34	98	1306397	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
62) 4-Bromofluorobenzene	12.64	95	420498	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.31	142	240	2.062	ug/l #	41
11) Tert butyl alcohol	5.23	59	462	1.077	ug/l #	69
31) Cyclohexane	7.98	56	14217	1.179	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	49227	4.853	ug/l #	51
38) Carbon Tetrachloride	7.98	117	69093	6.365	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	220134	57.965	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	220134	115.141	ug/l #	10

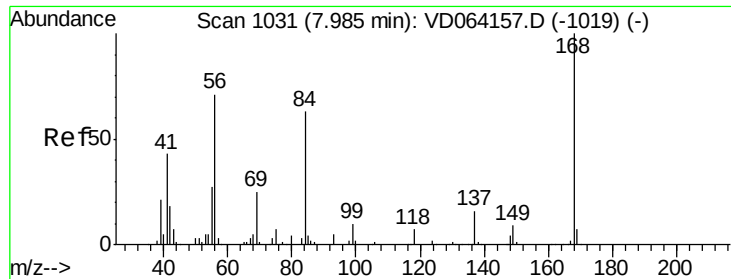
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 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: VD064382.D

Acq: 26 Nov 2019 14:19

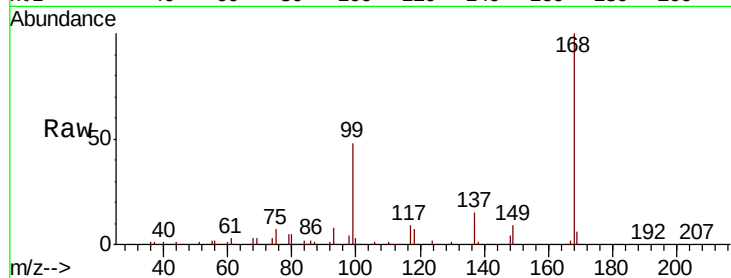
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 746944

Ion Ratio Lower Upper

168 100

99 48.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

300000

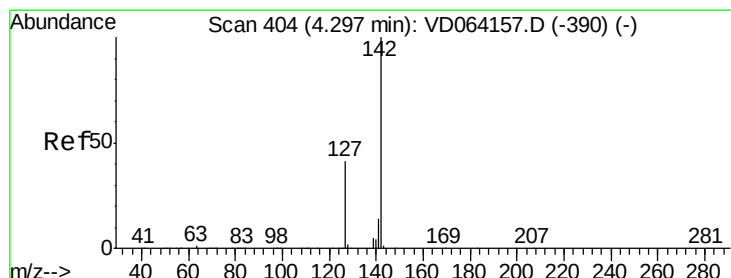
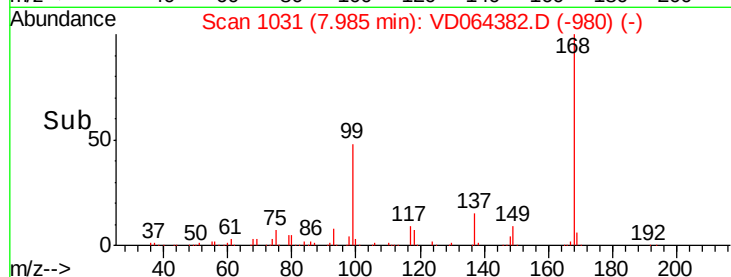
200000

100000

0

Time-->

7.90 8.00 8.10



#10

Methyl Iodide

Concen: 2.062 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD064382.D

Acq: 26 Nov 2019 14:19

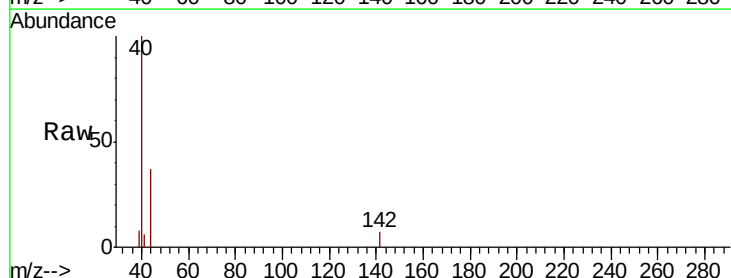
Tgt Ion:142 Resp: 240

Ion Ratio Lower Upper

142 100

127 0.0 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.31

300

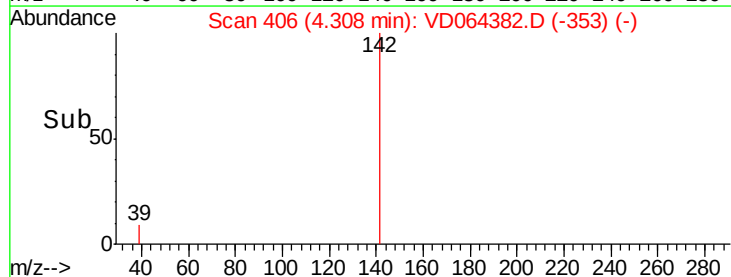
200

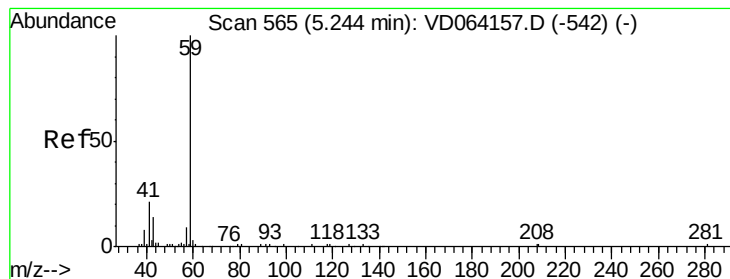
100

0

Time-->

4.28 4.30 4.32



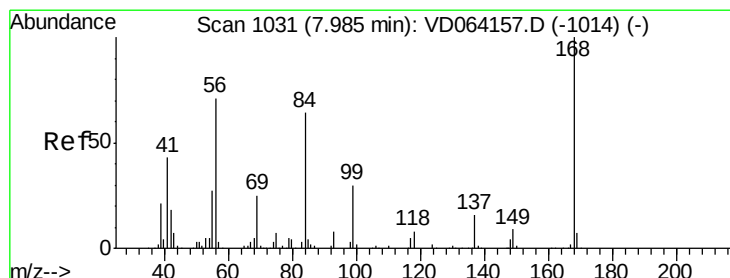
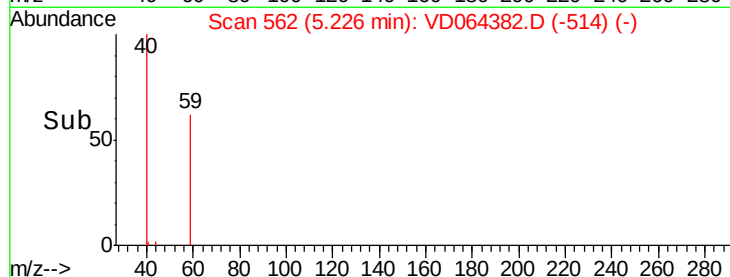
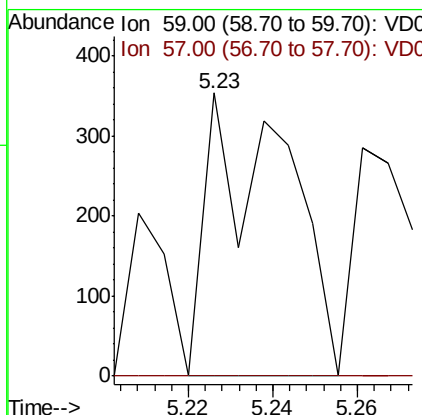
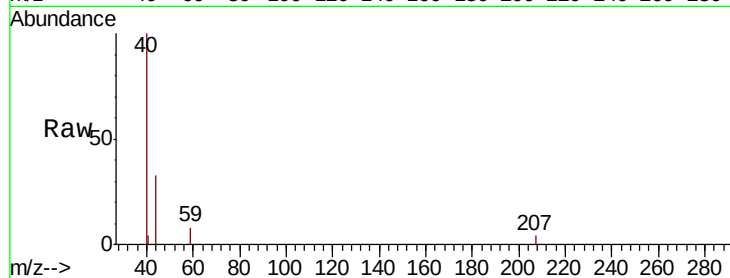


#11

Tert butyl alcohol
 Concen: 1.077 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. -0.02 min
 Lab File: VD064382.D
 Acq: 26 Nov 2019 14:19

Instrument :
 MSVOA_D
 ClientSampleId :

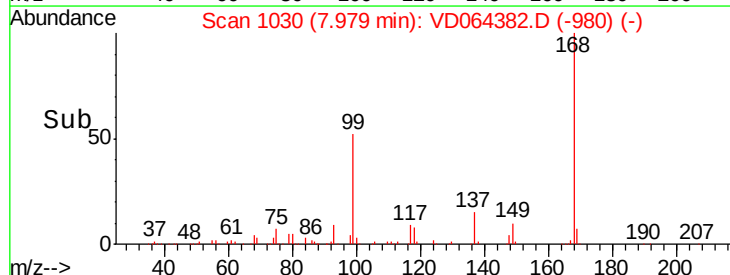
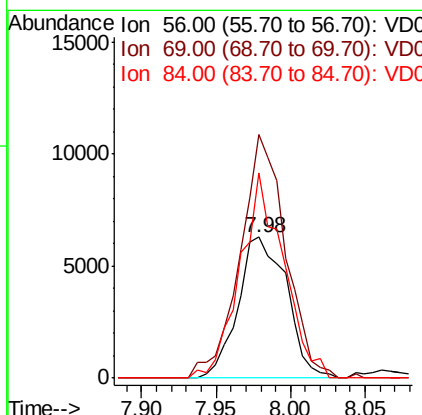
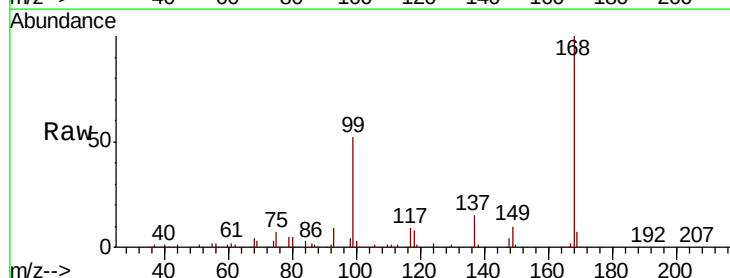
Tot Ion: 59 Resp: 462
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.4 14.2#

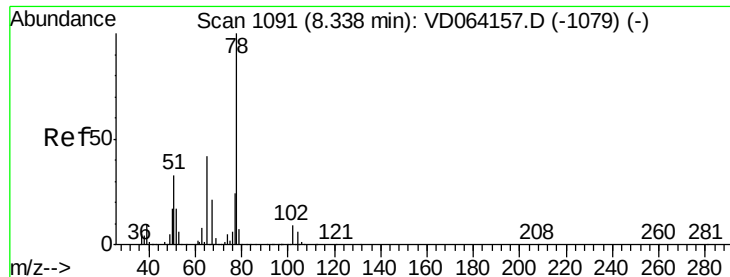


#31

Cyclohexane
 Concen: 1.179 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VD064382.D
 Acq: 26 Nov 2019 14:19

Tgt Ion: 56 Resp: 14217
 Ion Ratio Lower Upper
 56 100
 69 172.8 28.2 42.4#
 84 145.4 71.8 107.6#

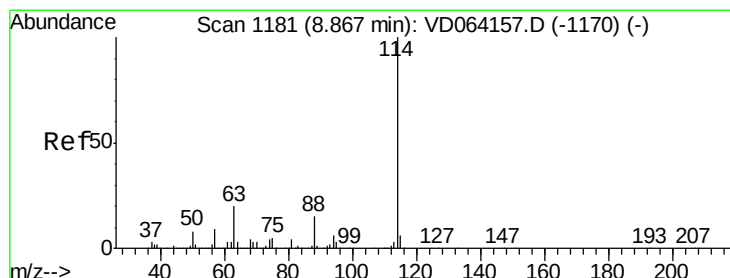
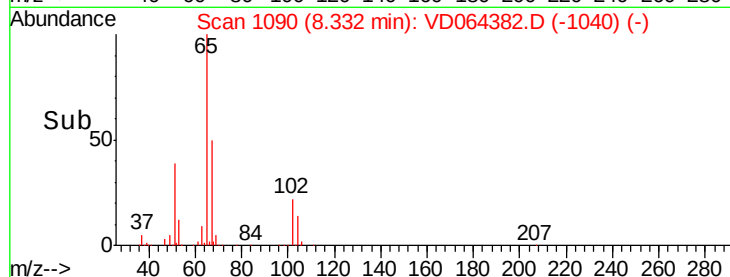
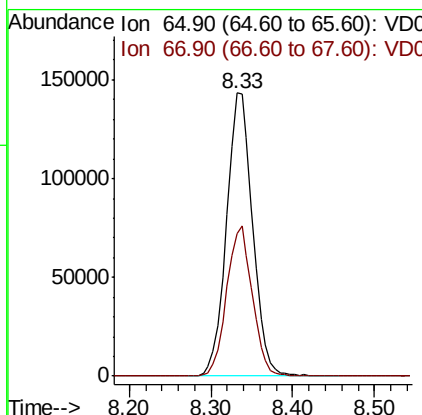
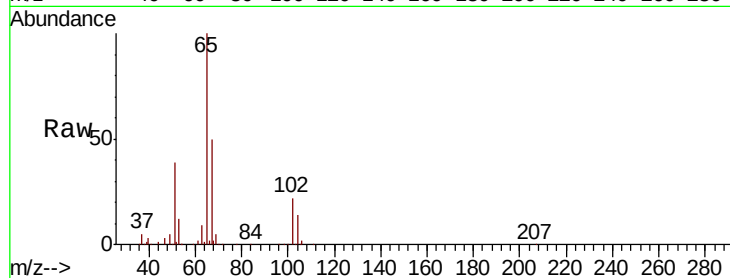




#33
 1,2-Dichloroethane-d4
 Concen: 51.881 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064382.D
 Acq: 26 Nov 2019 14:19

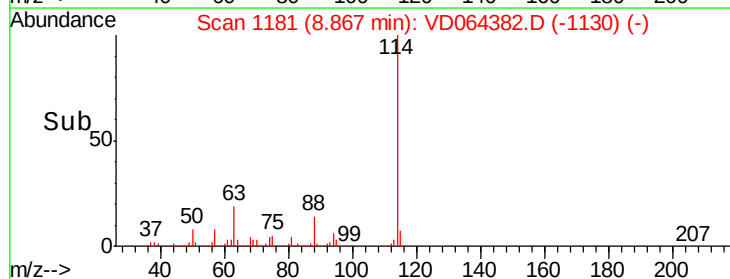
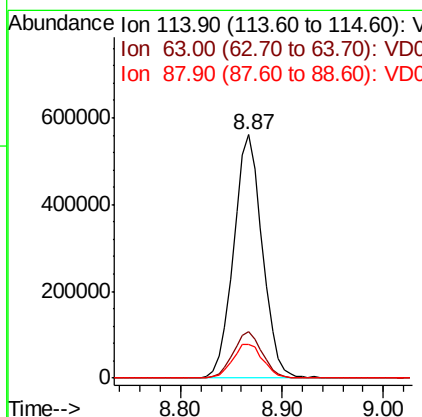
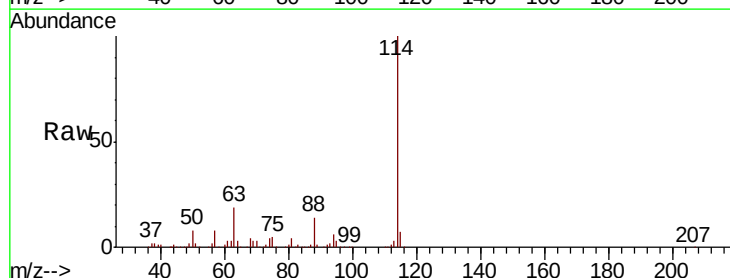
Instrument :
 MSVOA_D
 ClientSampleId :

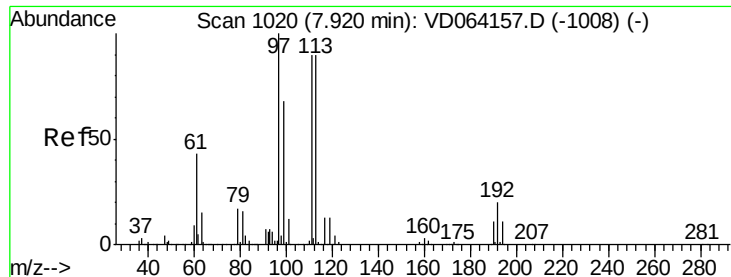
Tot Ion: 65 Resp: 318712
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064382.D
 Acq: 26 Nov 2019 14:19

Tgt Ion: 114 Resp: 1099163
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 14.1 0.0 30.2

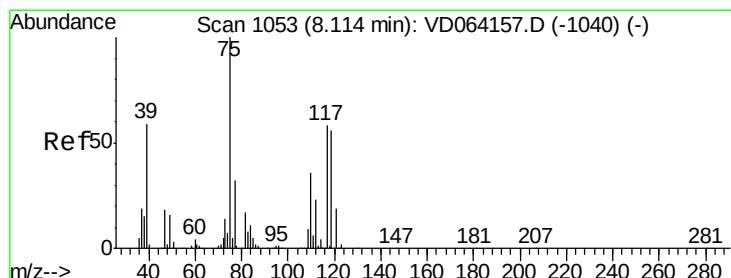
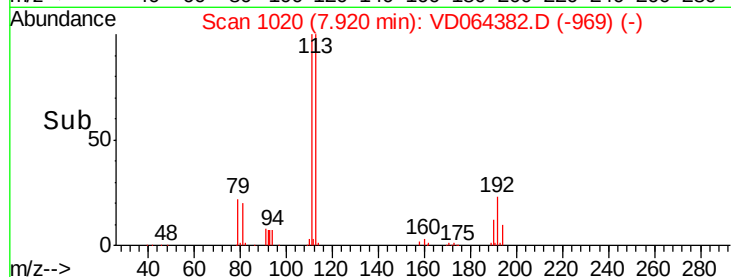
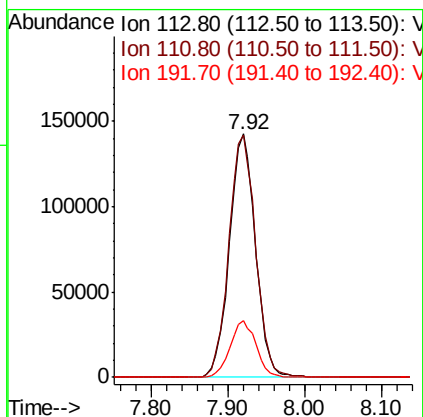
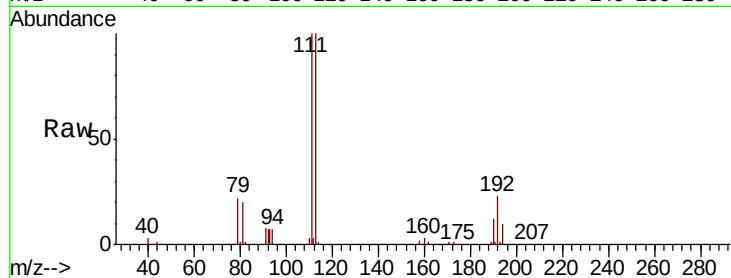




#35
 Dibromofluoromethane
 Concen: 53.578 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064382.D
 Acq: 26 Nov 2019 14:19

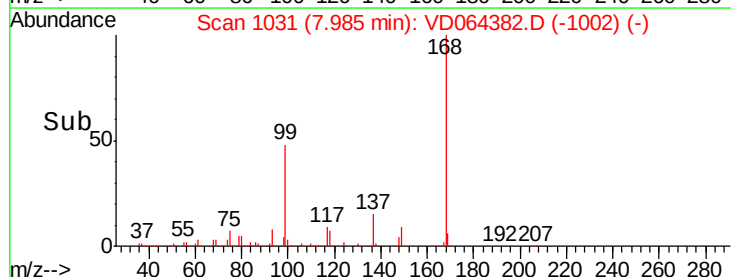
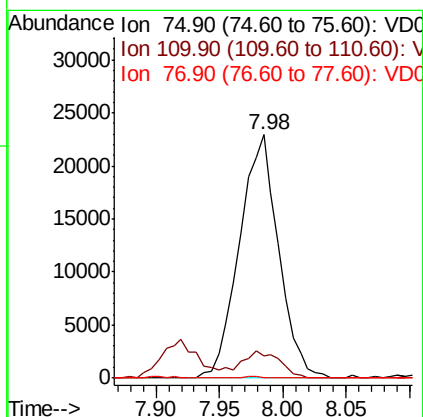
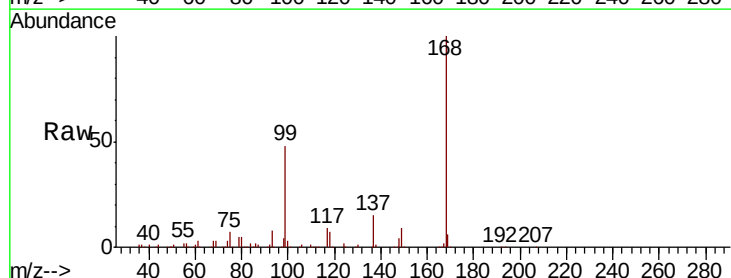
Instrument :
 MSVOA_D
 ClientSampleId :

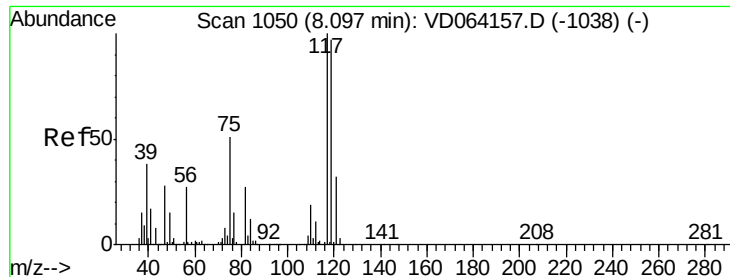
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	23.2	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.853 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064382.D
 Acq: 26 Nov 2019 14:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.3	54.9#
77	0.2	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.365 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064382.D

Acq: 26 Nov 2019 14:19

Instrument :

MSVOA_D

ClientSampleId :

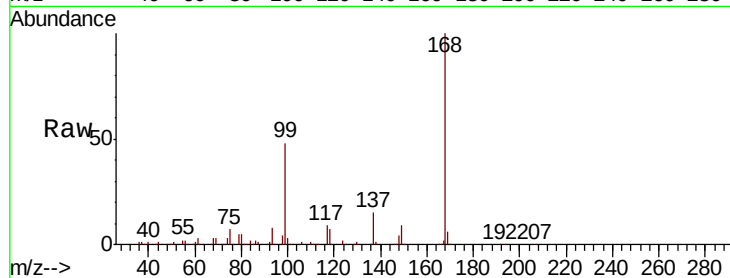
Tot Ion:117 Resp: 69093

Ion Ratio Lower Upper

117 100

119 3.6 77.2 115.8#

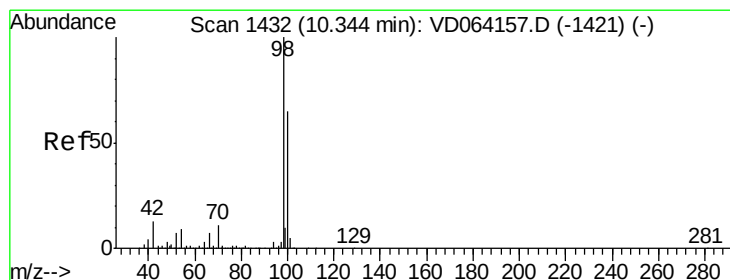
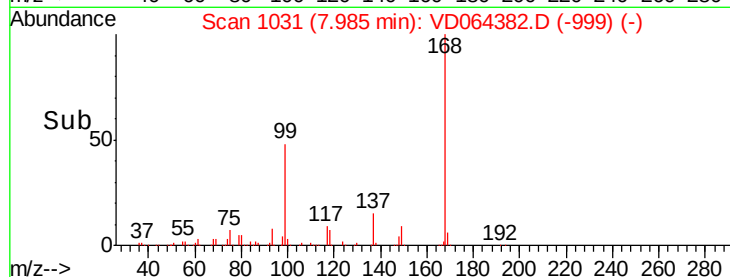
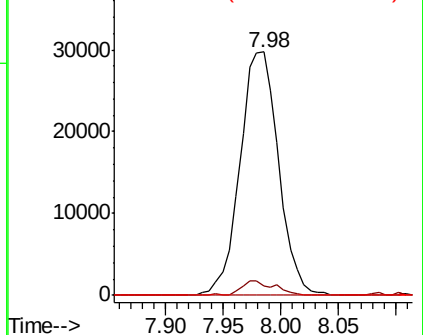
121 0.0 25.5 38.3#



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: 54.887 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064382.D

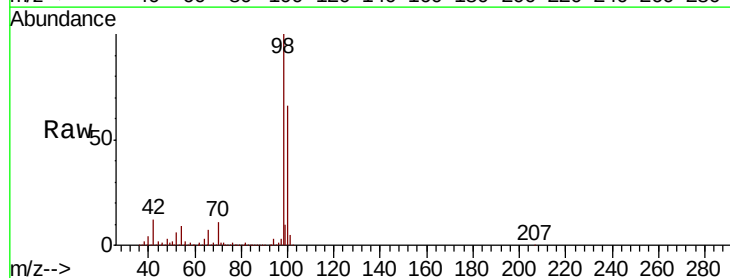
Acq: 26 Nov 2019 14:19

Tgt Ion: 98 Resp: 1306397

Ion Ratio Lower Upper

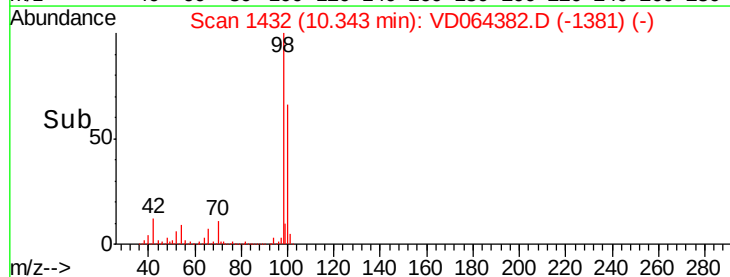
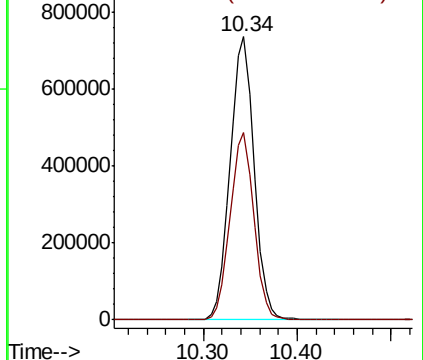
98 100

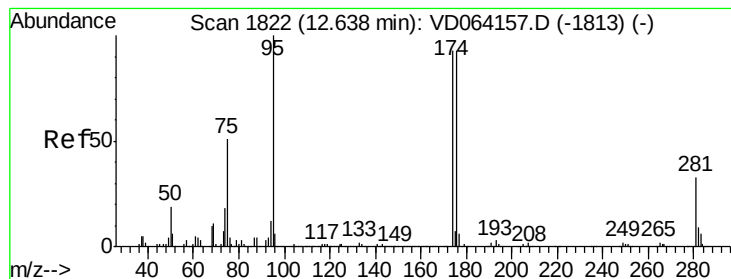
100 65.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.015 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064382.D

Acq: 26 Nov 2019 14:19

Instrument :

MSVOA_D

ClientSampleId :

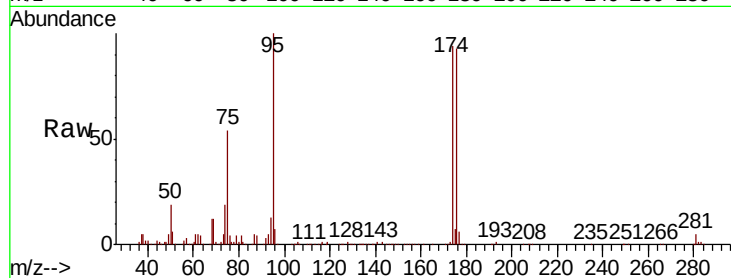
Tot Ion: 95 Resp: 420498

Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.6

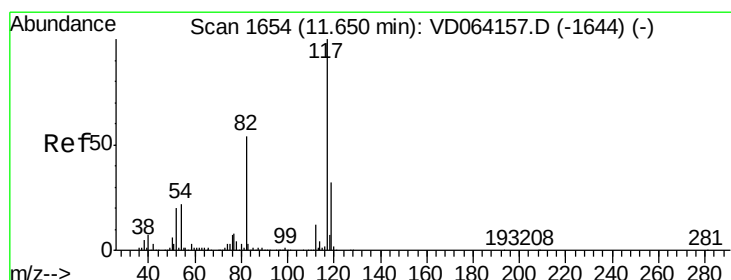
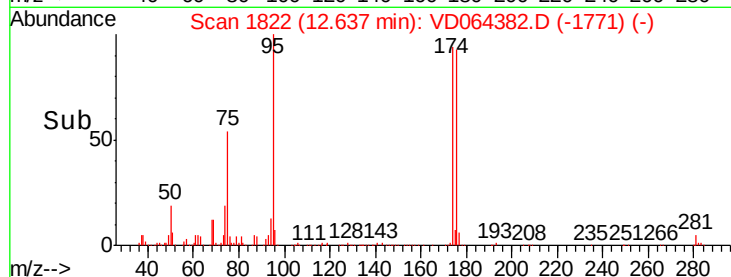
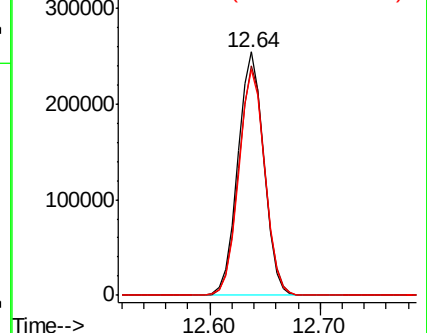
176 93.1 0.0 180.2



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: VD064382.D

Acq: 26 Nov 2019 14:19

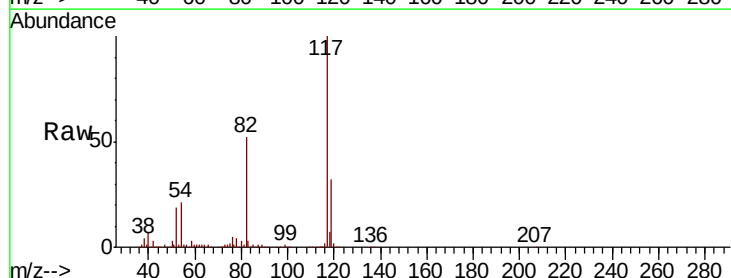
Tgt Ion: 117 Resp: 989117

Ion Ratio Lower Upper

117 100

82 51.8 42.8 64.2

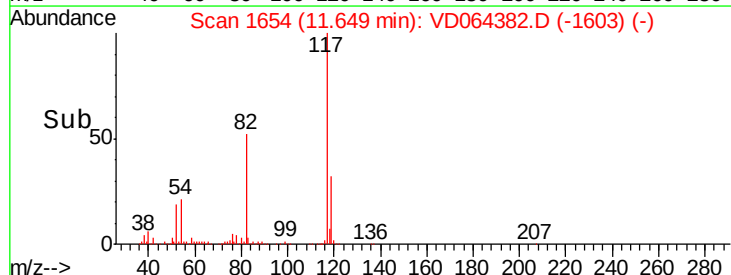
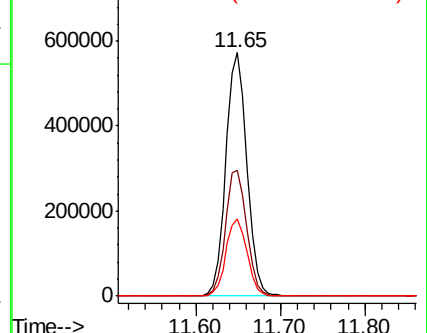
119 31.9 25.6 38.4

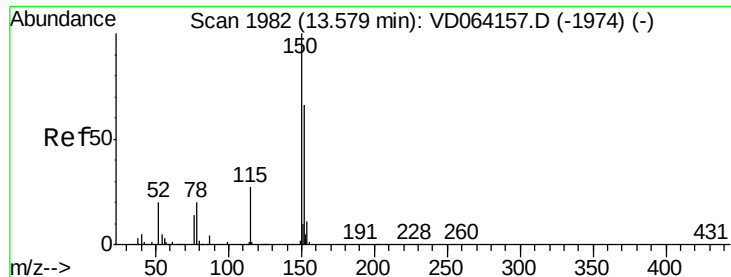


Abundance Ion 116.90 (116.60 to 117.60): V

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. 0.01 min

Lab File: VD064382.D

Acq: 26 Nov 2019 14:19

Instrument :

MSVOA_D

ClientSampleId :

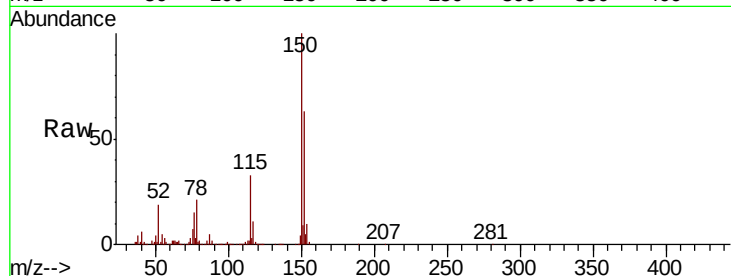
Tot Ion:152 Resp: 471490

Ion Ratio Lower Upper

152 100

115 55.4 27.4 82.2

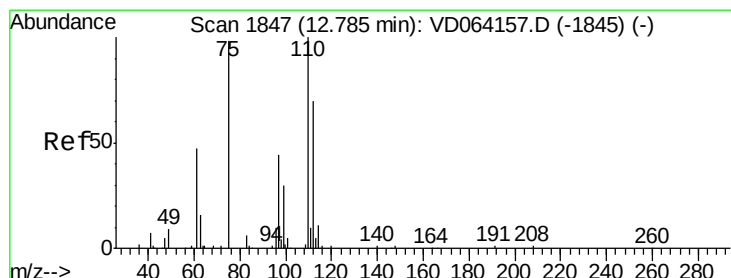
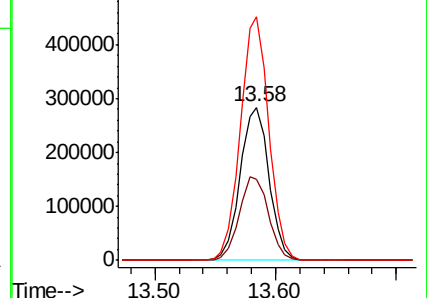
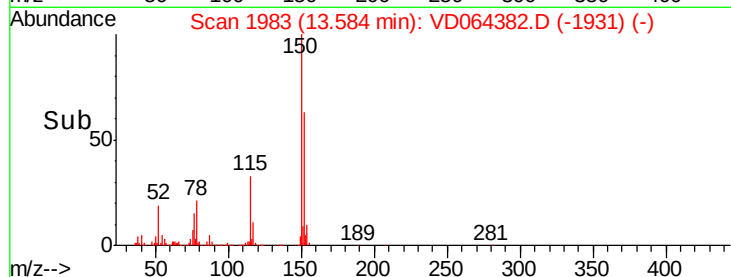
150 157.1 0.0 351.6



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: 57.965 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064382.D

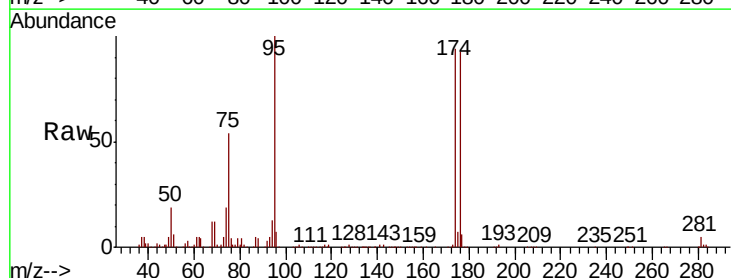
Acq: 26 Nov 2019 14:19

Tgt Ion: 75 Resp: 220134

Ion Ratio Lower Upper

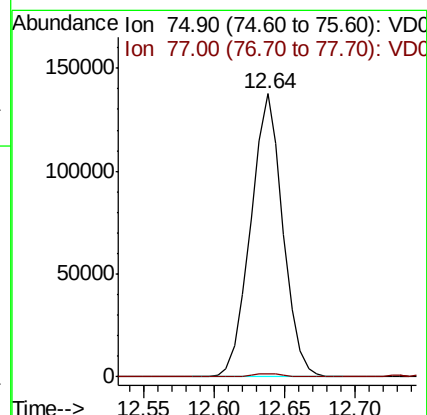
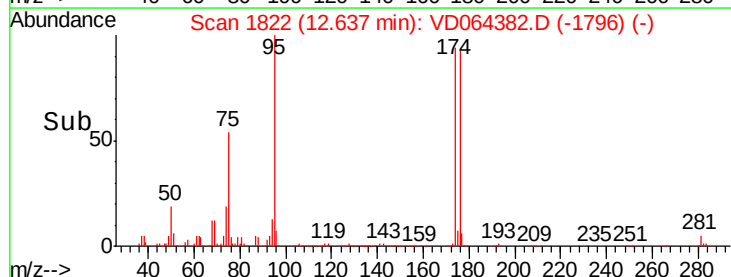
75 100

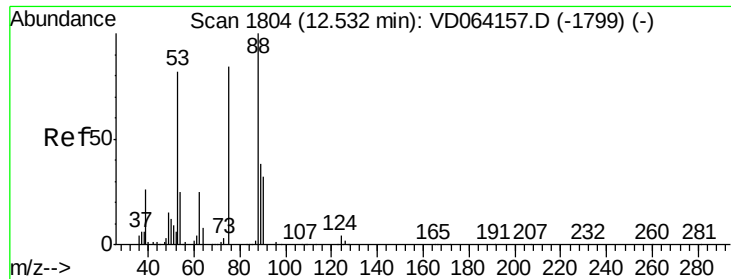
77 1.3 0.0 0.0#



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: 115.141 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064382.D

Acq: 26 Nov 2019 14:19

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 220134

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 36.6 55.0#

