

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064272.D
 Acq On : 18 Nov 2019 18:52
 Operator : VA/SY
 Sample : K5840-10
 Misc : 6.47G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:39:49 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

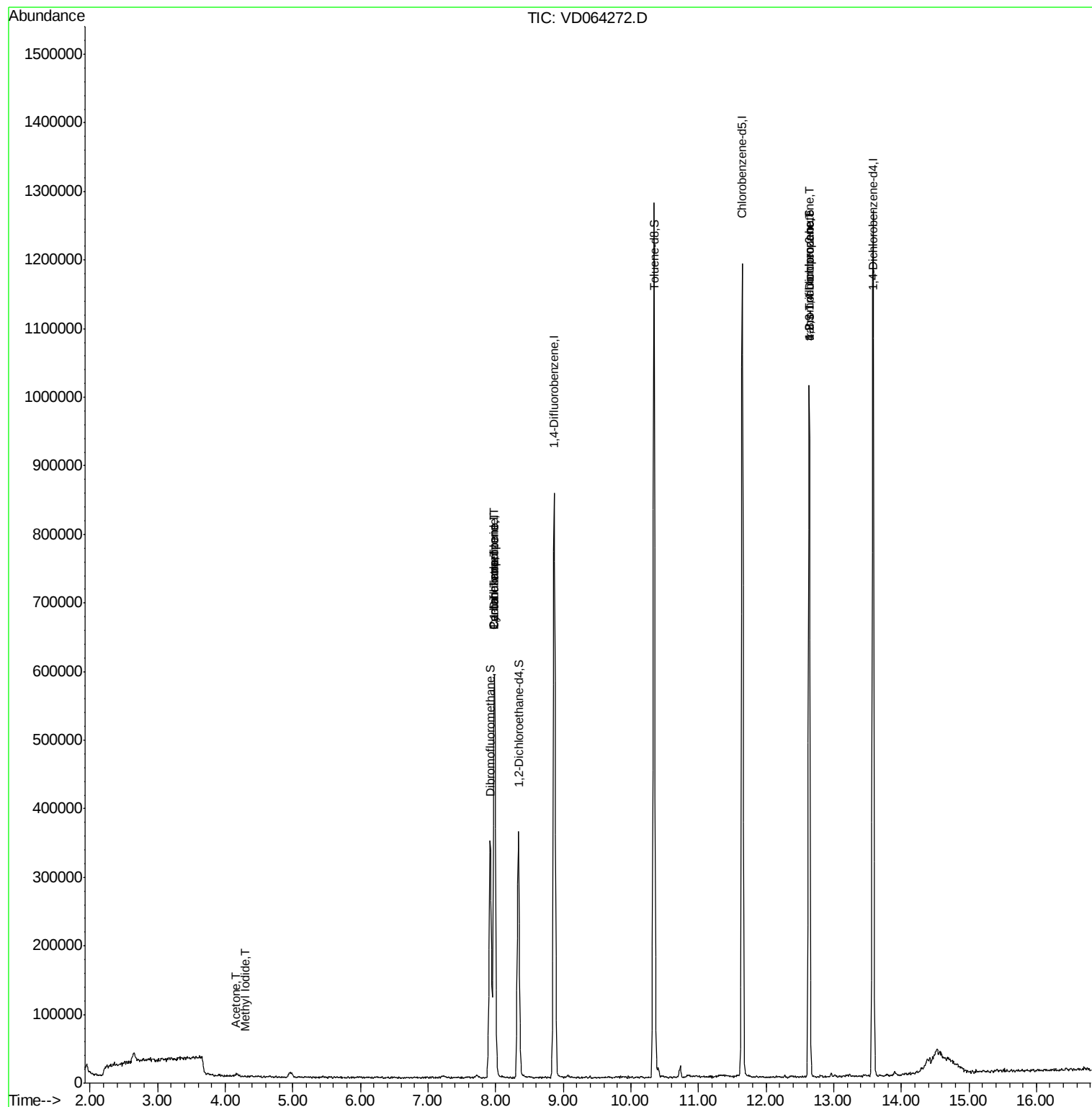
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	486856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	751709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	687852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	351866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	280214	69.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.96%	
35) Dibromofluoromethane	7.92	113	246517	57.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.26%	
50) Toluene-d8	10.34	98	879992	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.64	95	307739	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	71	2.045	ug/l #	41
16) Acetone	4.16	43	8500	8.961	ug/l #	88
31) Cyclohexane	7.98	56	10048	1.279	ug/l #	27
36) 1,1-Dichloropropene	7.98	75	30321	4.370	ug/l #	51
38) Carbon Tetrachloride	7.98	117	43515	5.862	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	160023	56.462	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	160023	112.156	ug/l #	10

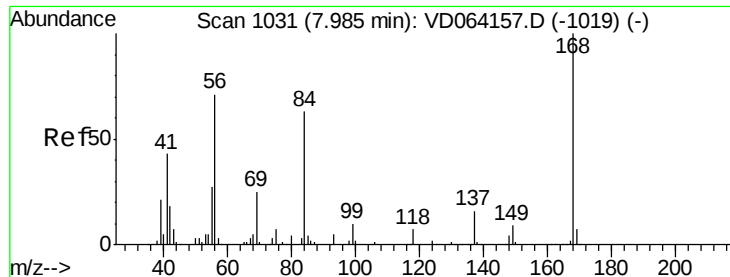
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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# 1030

Delta R.T. -0.01 min

Lab File: VD064272.D

Acq: 18 Nov 2019 18:52

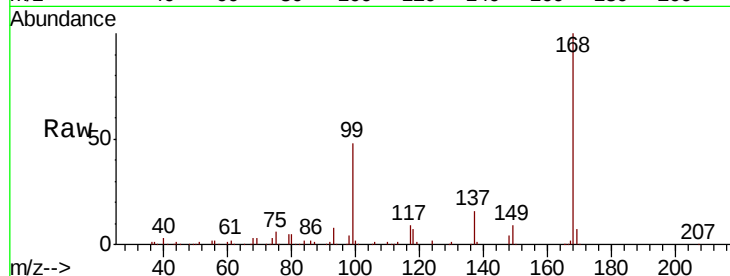
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 486856

Ion Ratio Lower Upper

168 100

99 48.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

250000

200000

150000

100000

50000

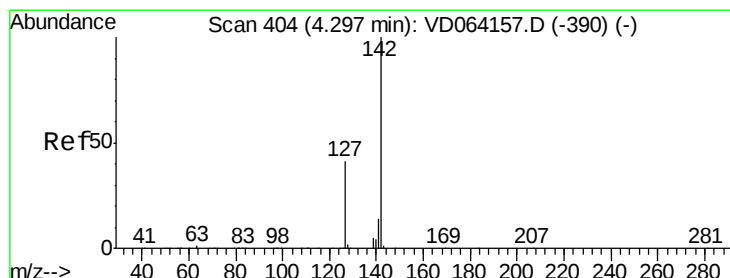
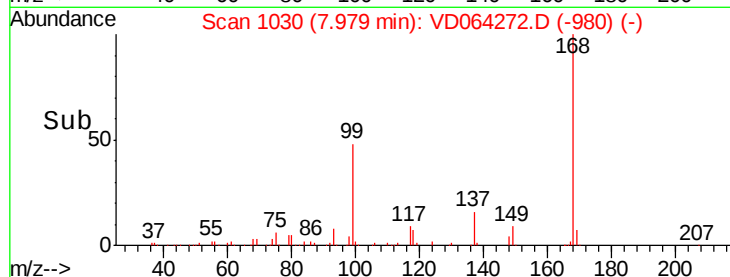
0

7.90

8.00

8.10

Time-->



#10

Methyl Iodide

Concen: 2.045 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064272.D

Acq: 18 Nov 2019 18:52

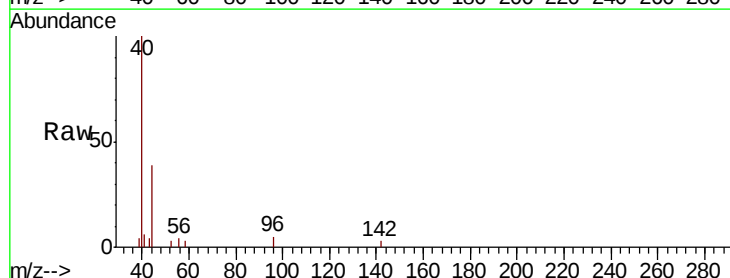
Tgt Ion:142 Resp: 71

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

250

200

150

100

50

0

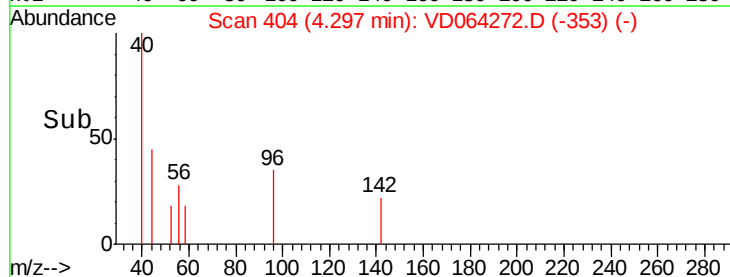
4.28

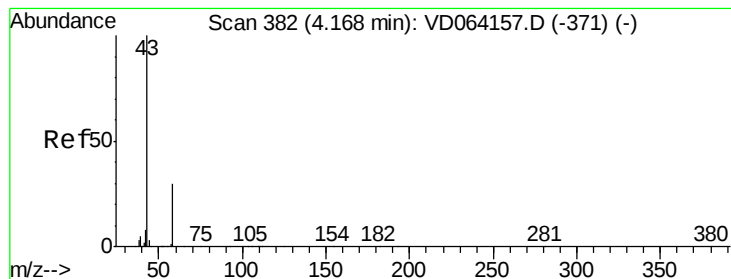
4.29

4.30

4.31

Time-->





#16

Acetone

Concen: 8.961 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064272.D

Acq: 18 Nov 2019 18:52

Instrument :

MSVOA_D

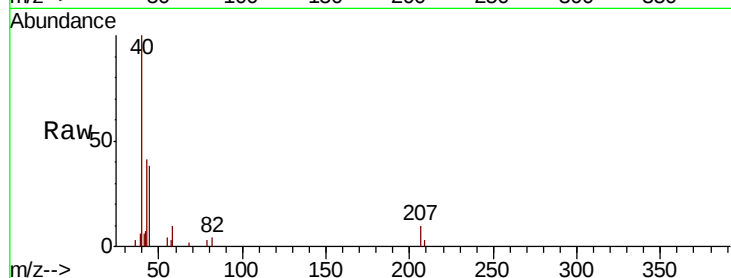
ClientSampleId :

Tot Ion: 43 Resp: 8500

Ion Ratio Lower Upper

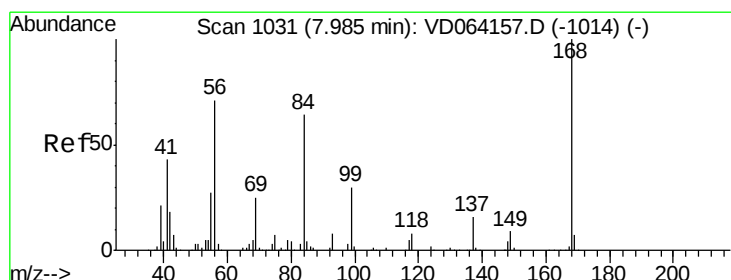
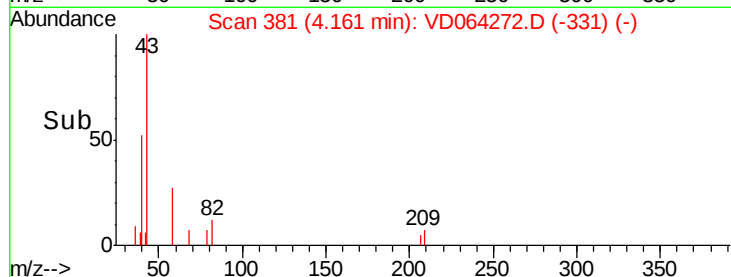
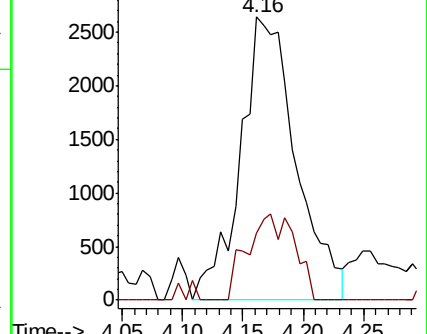
43 100

58 23.5 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#31

Cyclohexane

Concen: 1.279 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064272.D

Acq: 18 Nov 2019 18:52

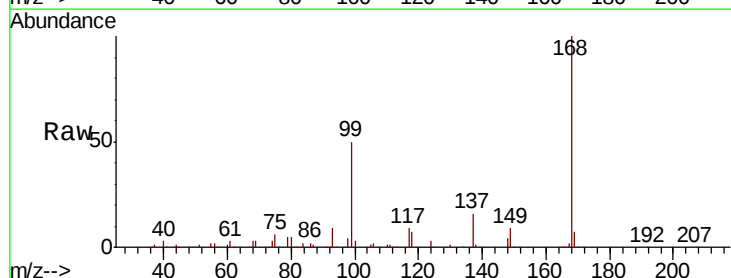
Tgt Ion: 56 Resp: 10048

Ion Ratio Lower Upper

56 100

69 137.0 28.2 42.4#

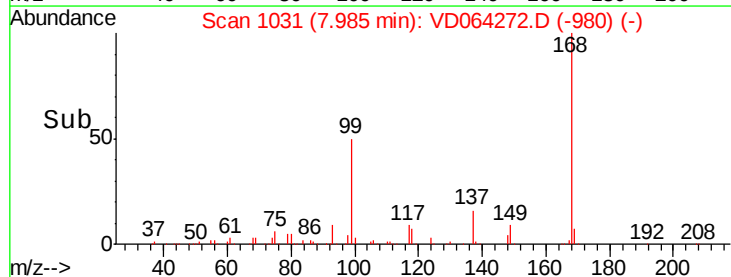
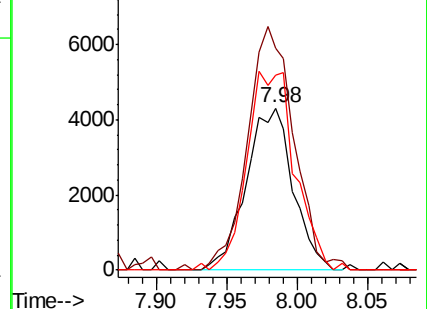
84 120.3 71.8 107.6#

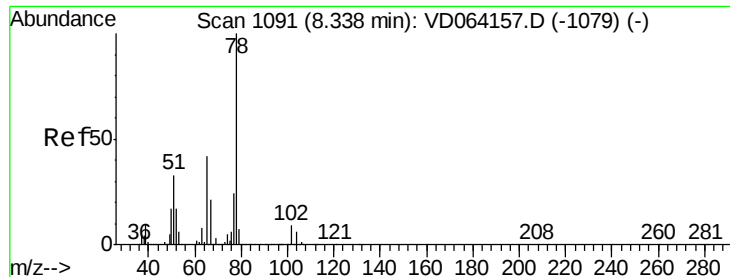


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 69.982 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064272.D

Acq: 18 Nov 2019 18:52

Instrument :

MSVOA_D

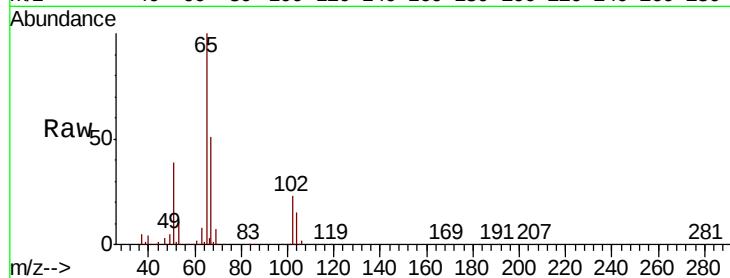
ClientSampled :

Tot Ion: 65 Resp: 280214

Ion Ratio Lower Upper

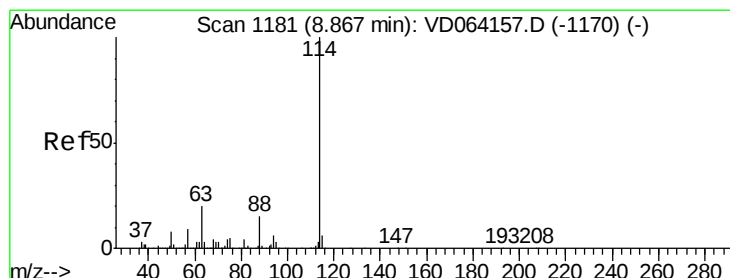
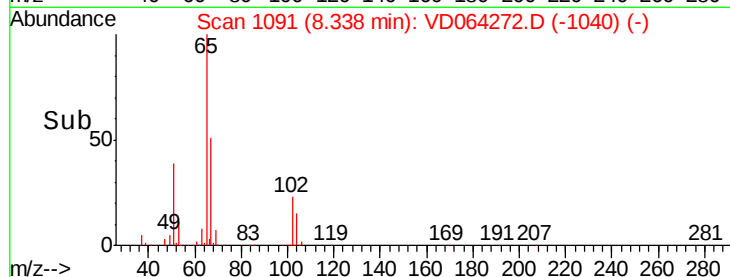
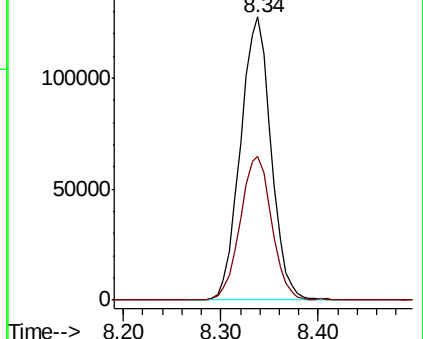
65 100

67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064272.D

Acq: 18 Nov 2019 18:52

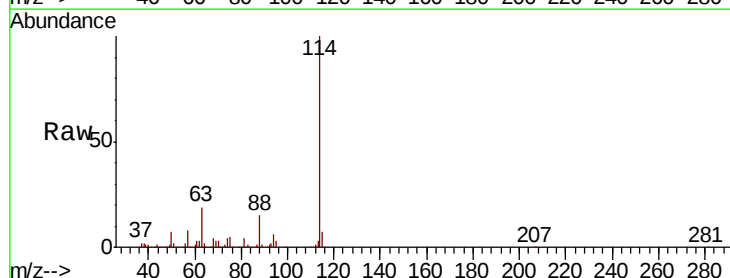
Tgt Ion: 114 Resp: 751709

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

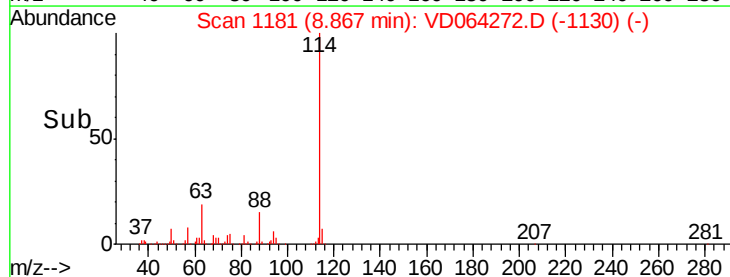
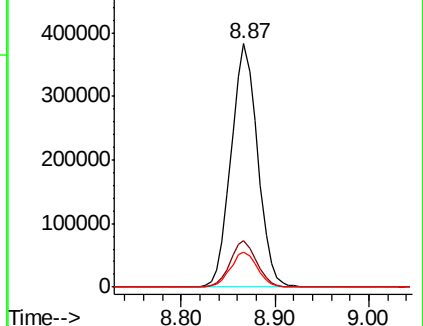
88 14.6 0.0 30.2

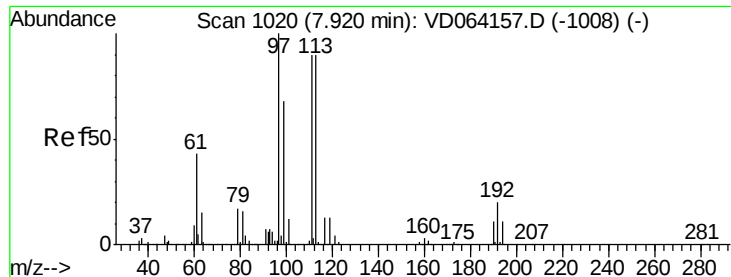


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

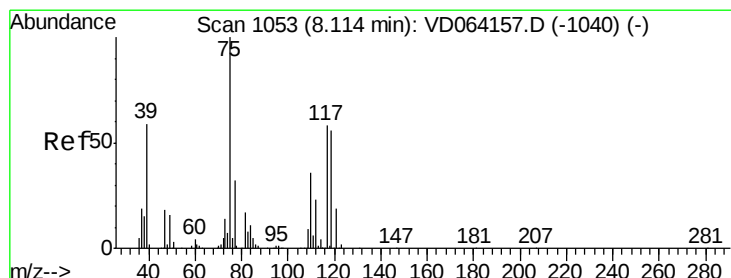
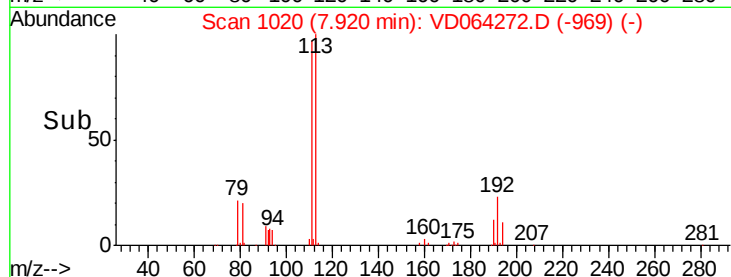
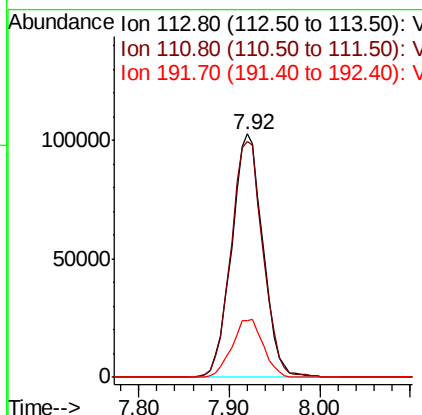
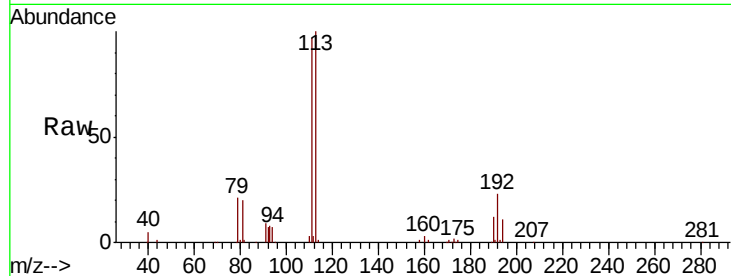




#35
 Dibromofluoromethane
 Concen: 57.131 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064272.D
 Acq: 18 Nov 2019 18:52

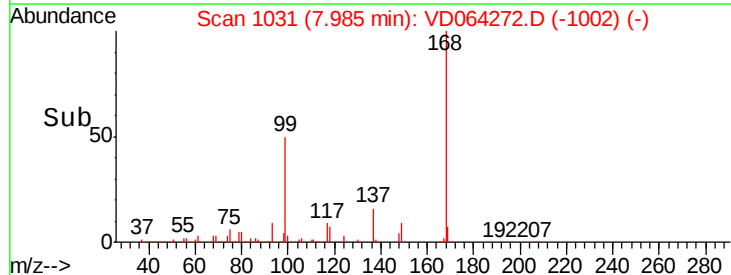
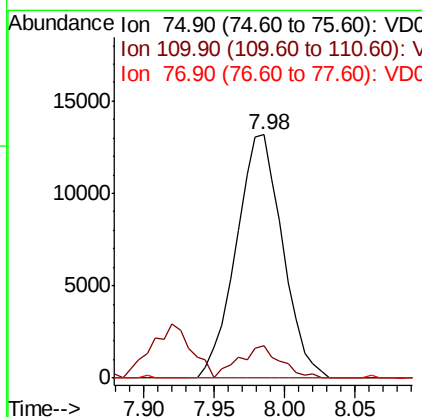
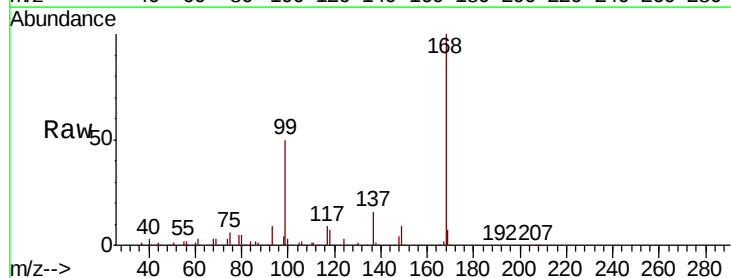
Instrument :
 MSVOA_D
 ClientSampleId :

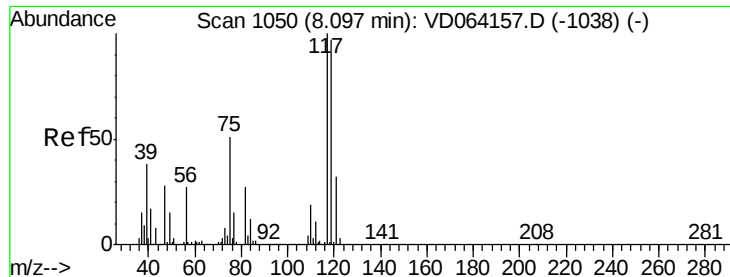
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.3	81.5	122.3
192	23.7	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.370 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064272.D
 Acq: 18 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.9	18.3	54.9#
77	0.0	25.0	37.6#

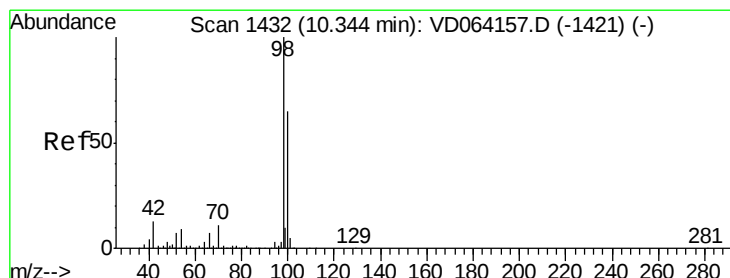
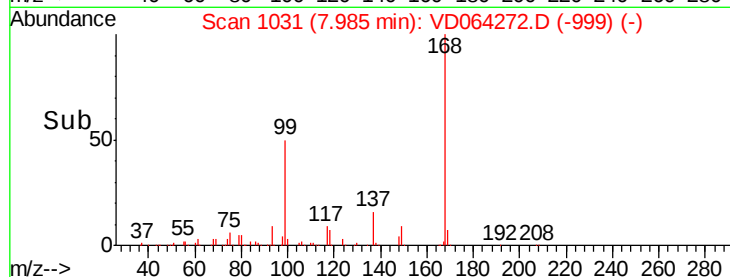
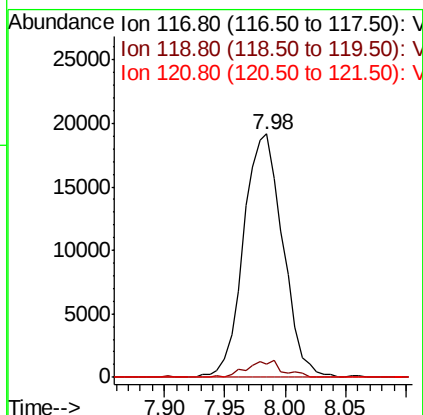
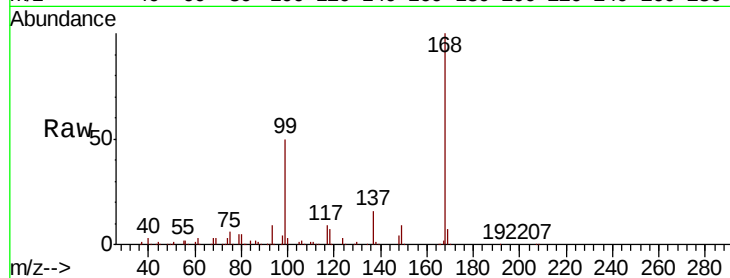




#38
Carbon Tetrachloride
Concen: 5.862 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064272.D
Acq: 18 Nov 2019 18:52

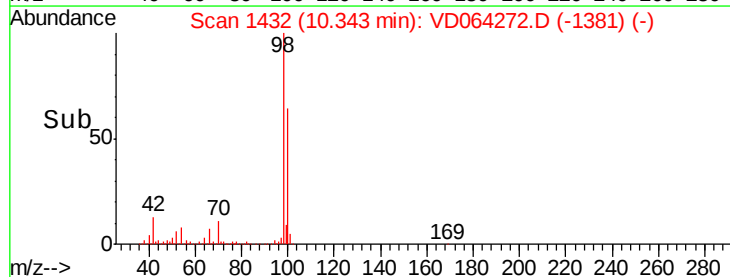
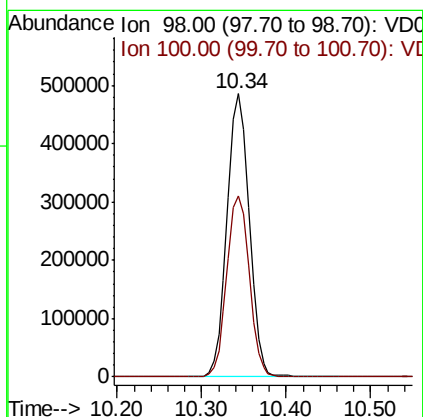
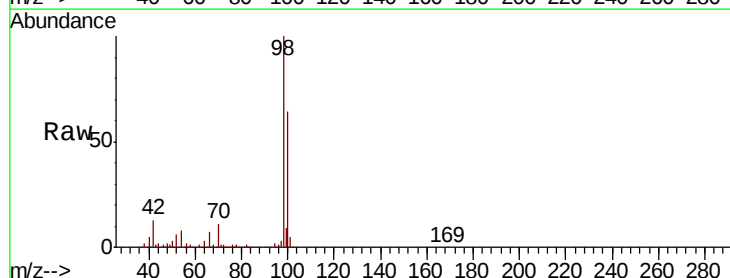
Instrument :
MSVOA_D
ClientSampleId :

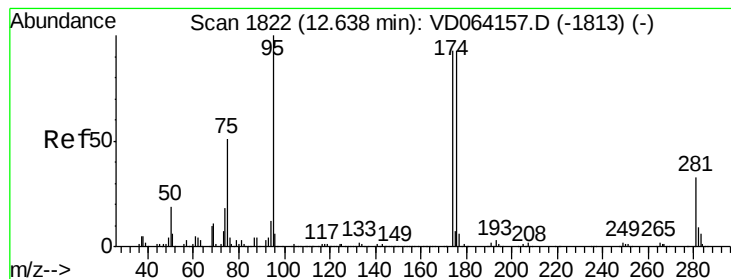
Tot Ion:117 Resp: 43515
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 54.061 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064272.D
Acq: 18 Nov 2019 18:52

Tgt Ion: 98 Resp: 879992
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 54.592 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064272.D

Acq: 18 Nov 2019 18:52

Instrument :

MSVOA_D

ClientSampleId :

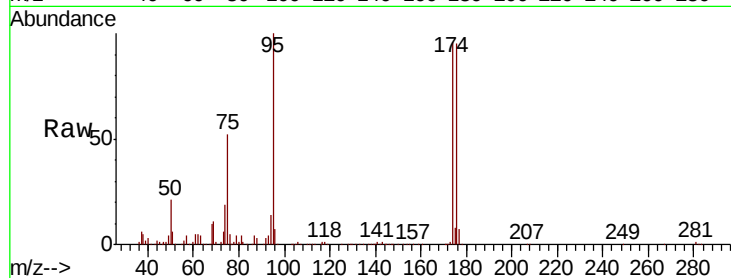
Tot Ion: 95 Resp: 307739

Ion Ratio Lower Upper

95 100

174 97.5 0.0 183.6

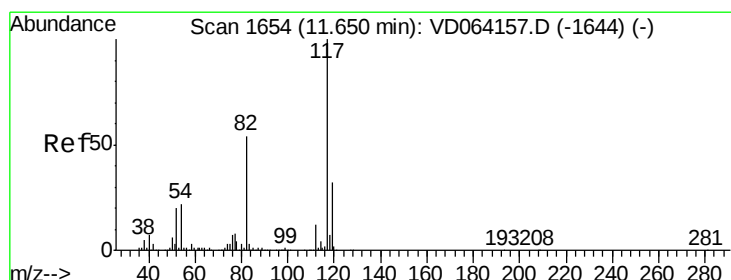
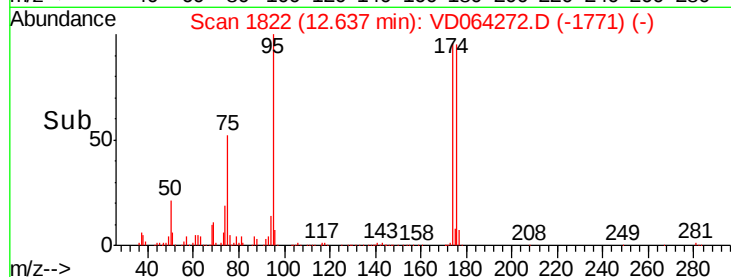
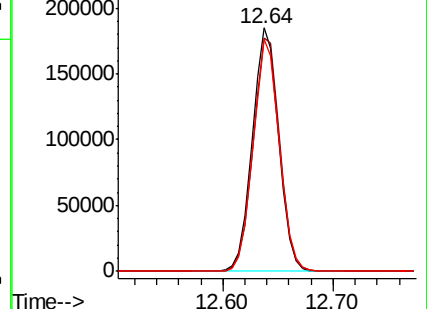
176 94.9 0.0 180.2



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: VD064272.D

Acq: 18 Nov 2019 18:52

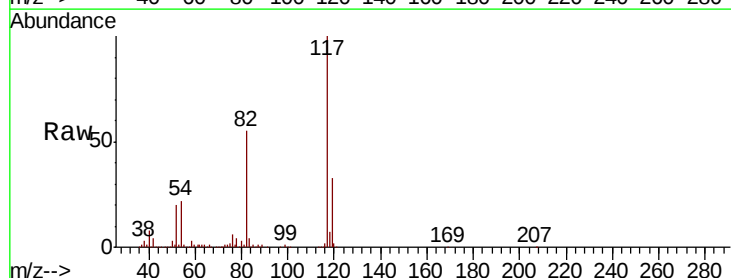
Tgt Ion: 117 Resp: 687852

Ion Ratio Lower Upper

117 100

82 55.4 42.8 64.2

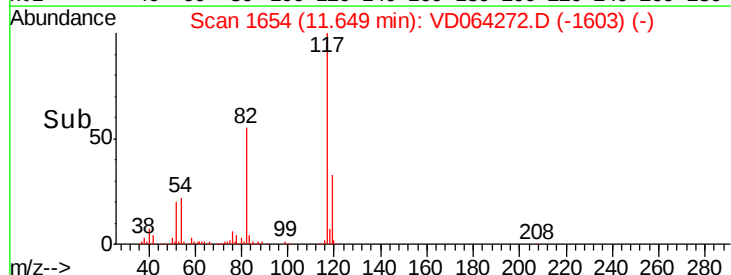
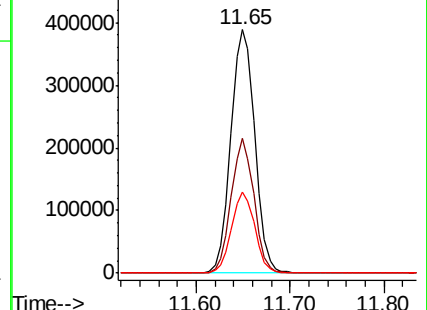
119 33.0 25.6 38.4

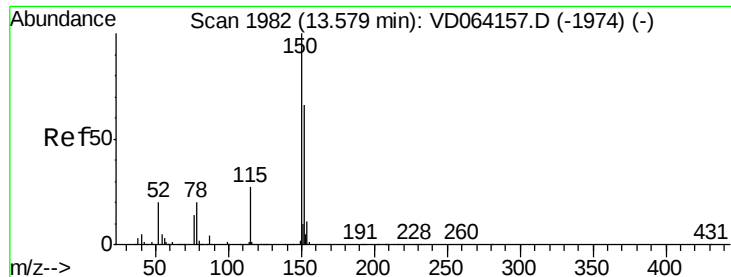


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064272.D

Acq: 18 Nov 2019 18:52

Instrument :

MSVOA_D

ClientSampled :

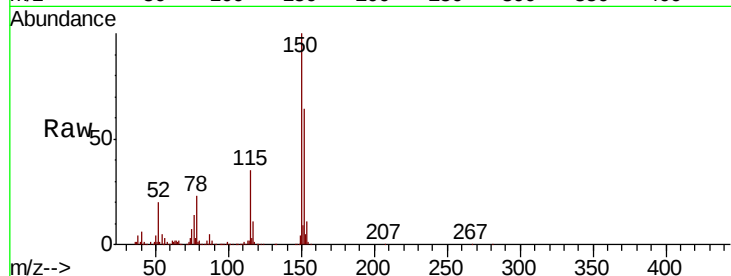
Tot Ion:152 Resp: 351866

Ion Ratio Lower Upper

152 100

115 53.6 27.4 82.2

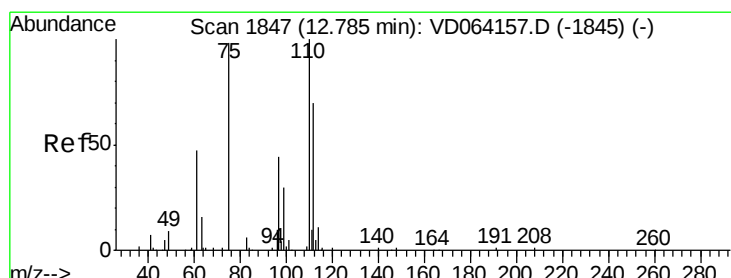
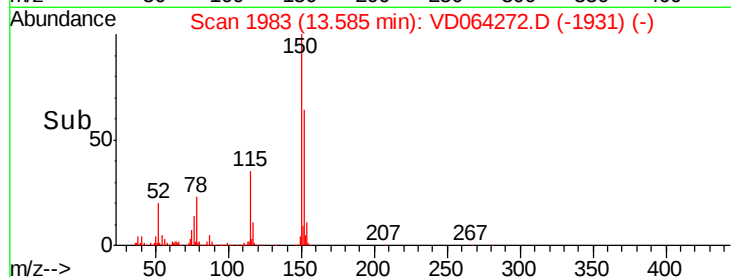
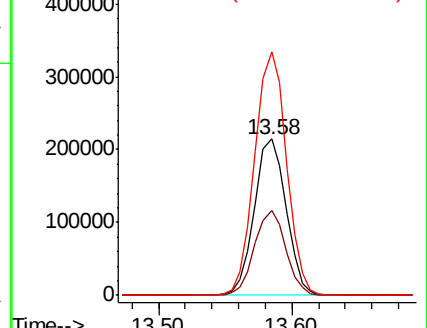
150 156.2 0.0 351.6



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: 56.462 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064272.D

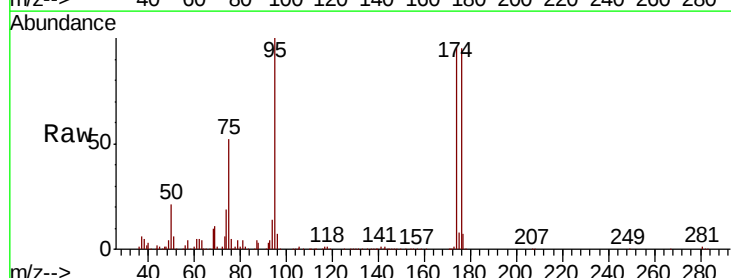
Acq: 18 Nov 2019 18:52

Tgt Ion: 75 Resp: 160023

Ion Ratio Lower Upper

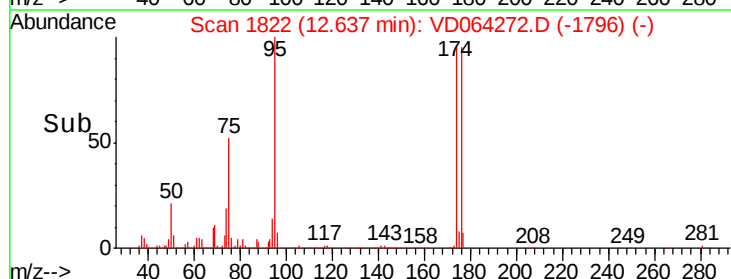
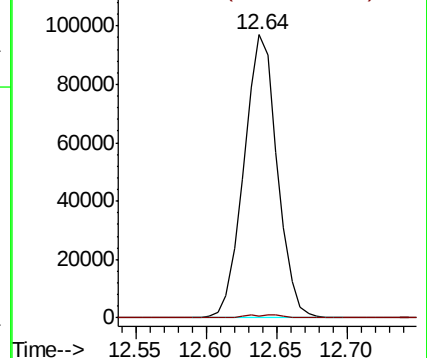
75 100

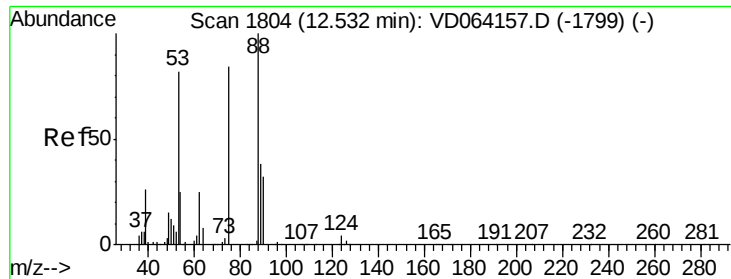
77 0.5 0.0 0.0#



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: 112.156 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064272.D

Acq: 18 Nov 2019 18:52

Instrument :

MSVOA_D

ClientSampleId :

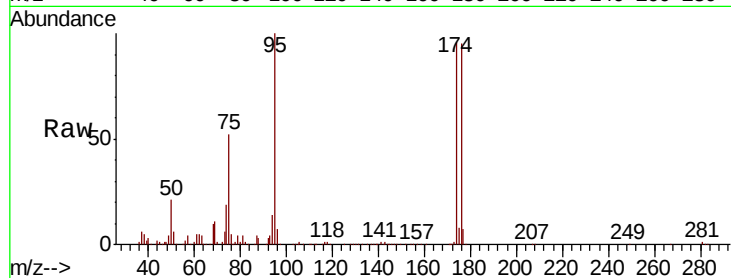
Tot Ion: 75 Resp: 160023

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#



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

