

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111219\
 Data File : VD064206.D
 Acq On : 12 Nov 2019 19:57
 Operator : VA/SY
 Sample : K5782-05RE
 Misc : 9.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 04:13:28 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

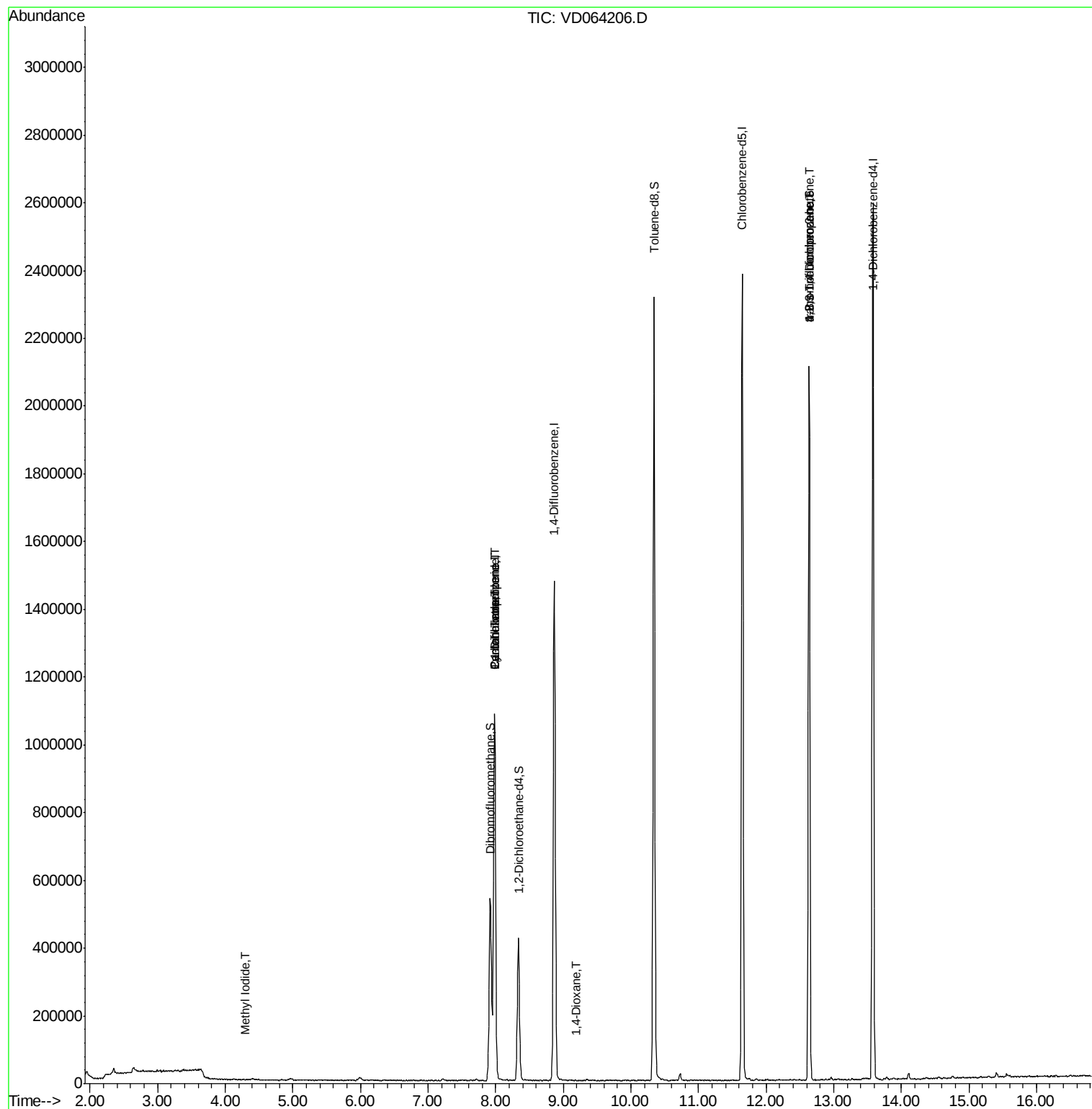
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	874771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1279206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1362293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	734046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	337180	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	7.92	113	377893	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	10.34	98	1542087	55.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.34%	
62) 4-Bromofluorobenzene	12.64	95	636598	66.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.72%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.29	142	114	2.044	ug/l #	41
31) Cyclohexane	7.98	56	16933	1.199	ug/l #	6
36) 1,1-Dichloropropene	7.98	75	56215	4.762	ug/l #	49
38) Carbon Tetrachloride	7.98	117	78111	6.183	ug/l #	14
49) 1,4-Dioxane	9.18	88	54	1.069	ug/l #	22
76) 1,2,3-Trichloropropane	12.64	75	330275	55.860	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	330275	110.960	ug/l #	10

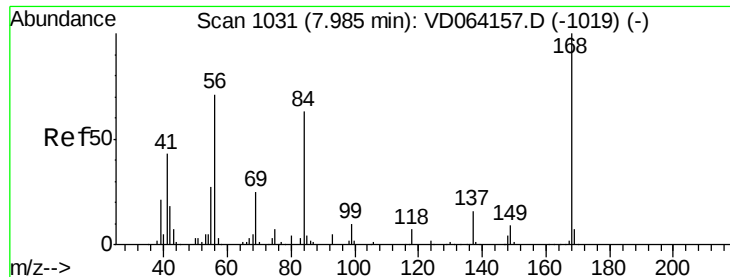
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111219\
Data File : VD064206.D
Acq On : 12 Nov 2019 19:57
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Misc : 9.03G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 13 04:13:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
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# 1031

Delta R.T. -0.00 min

Lab File: VD064206.D

Acq: 12 Nov 2019 19:57

Instrument :

MSVOA_D

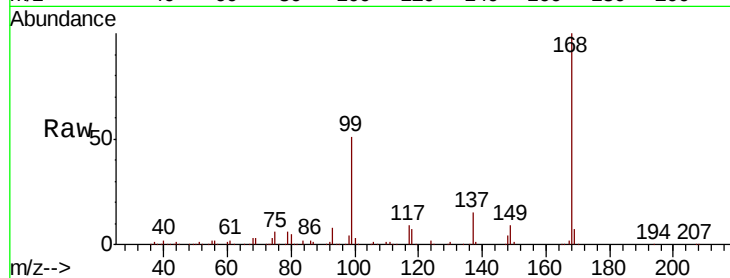
ClientSampleId :

Tot Ion:168 Resp: 874771

Ion Ratio Lower Upper

168 100

99 51.3 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

400000

300000

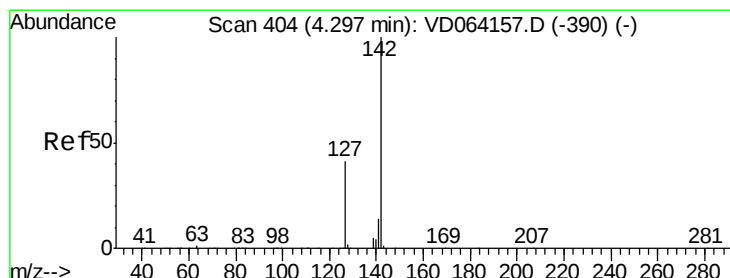
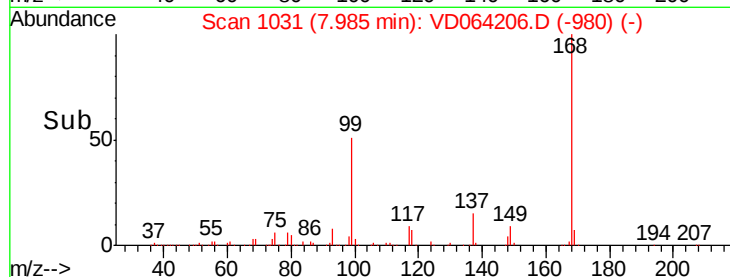
200000

100000

0

7.90 8.00 8.10

Time-->



#10

Methyl Iodide

Concen: 2.044 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064206.D

Acq: 12 Nov 2019 19:57

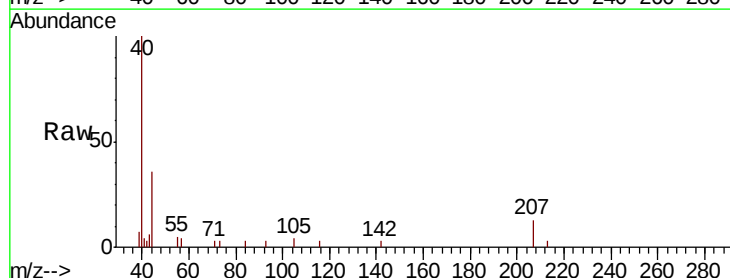
Tgt Ion:142 Resp: 114

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

300

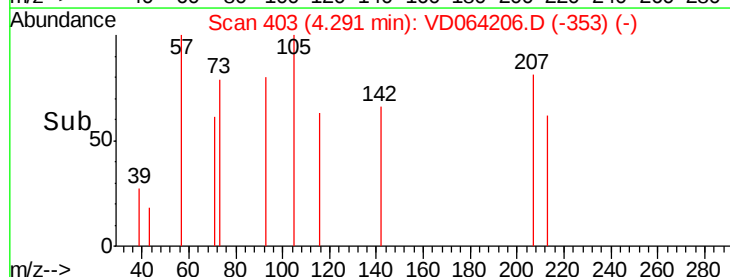
200

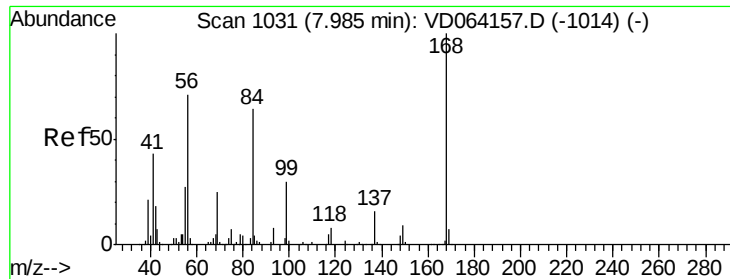
100

0

4.27 4.28 4.29 4.30

Time-->

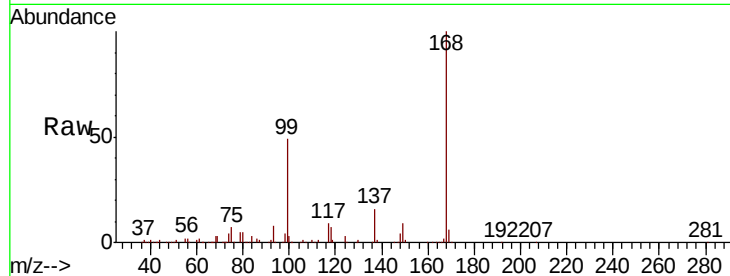




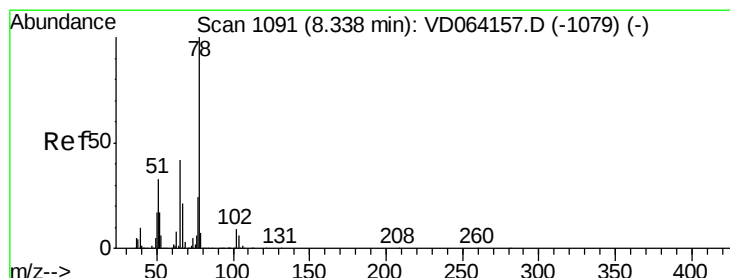
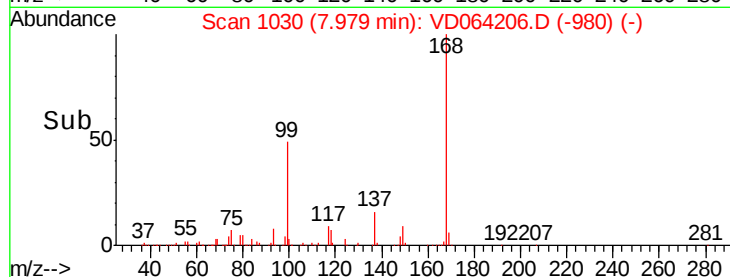
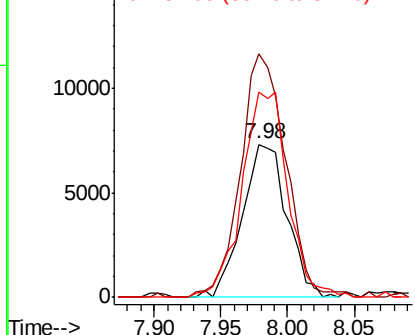
#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064206.D
Acq: 12 Nov 2019 19:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 16933
Ion Ratio Lower Upper
56 100
69 159.4 28.2 42.4#
84 134.0 71.8 107.6#

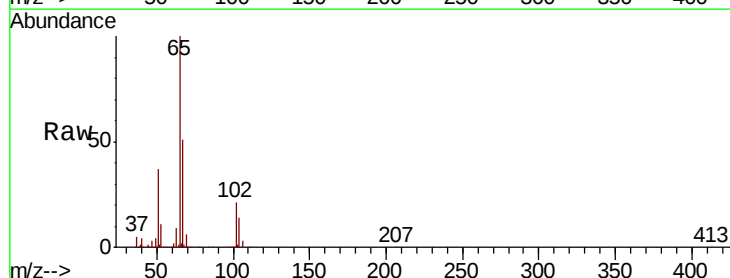


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

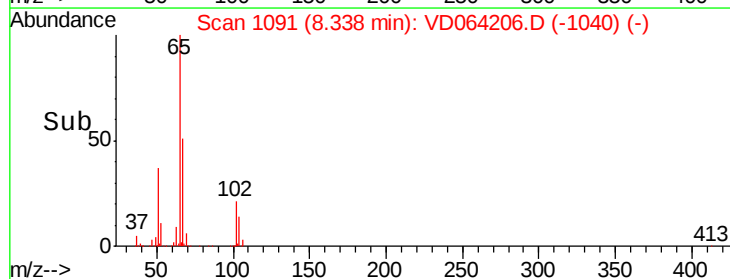
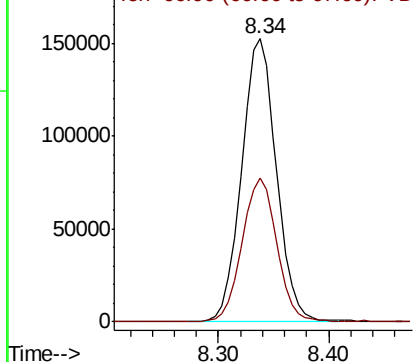


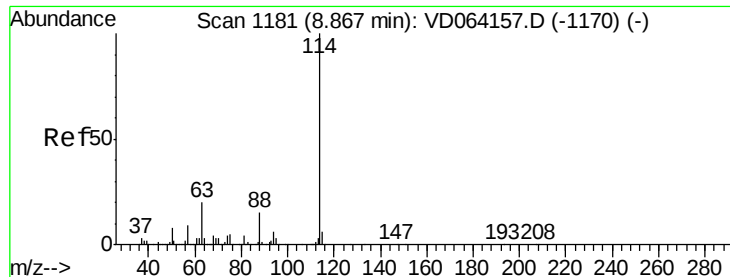
#33
1,2-Dichloroethane-d4
Concen: 46.867 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064206.D
Acq: 12 Nov 2019 19:57

Tgt Ion: 65 Resp: 337180
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

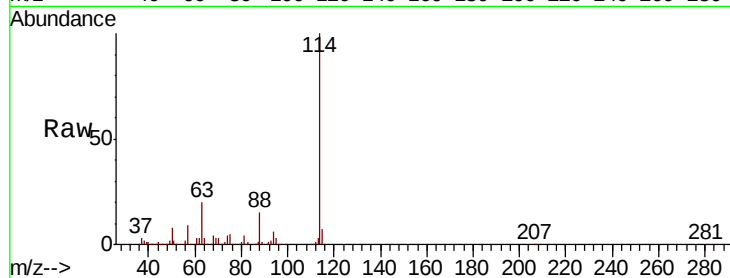




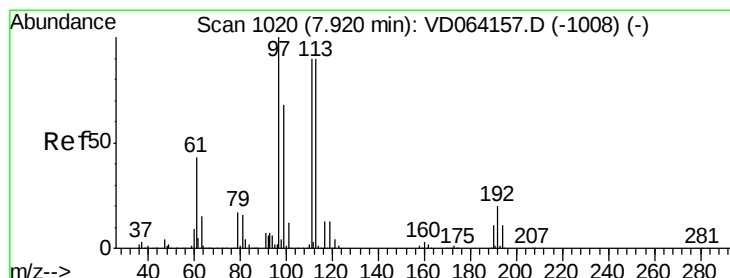
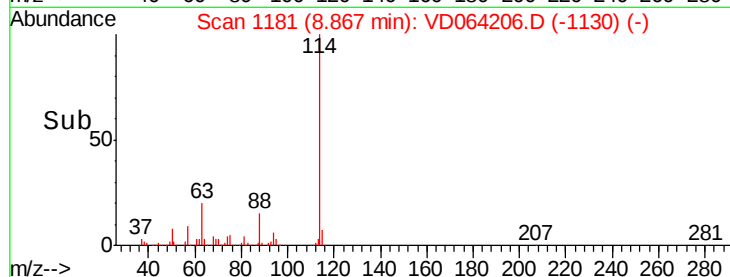
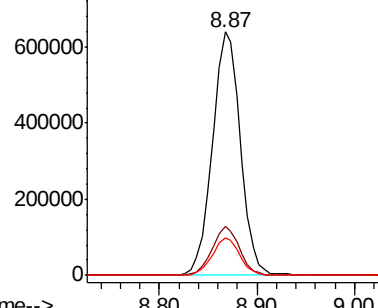
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064206.D
 Acq: 12 Nov 2019 19:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1279206
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.3 0.0 30.2

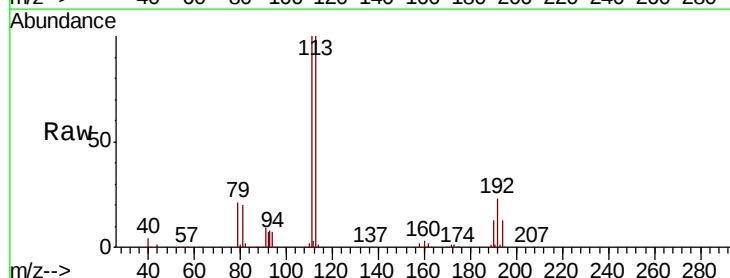


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

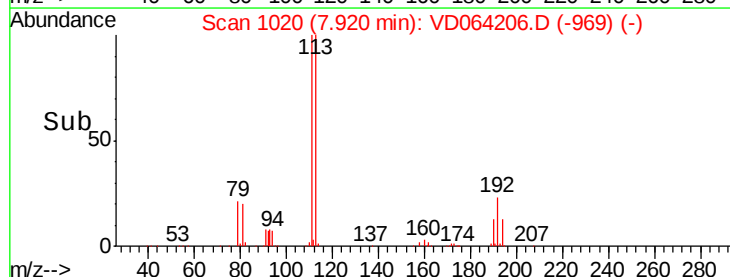
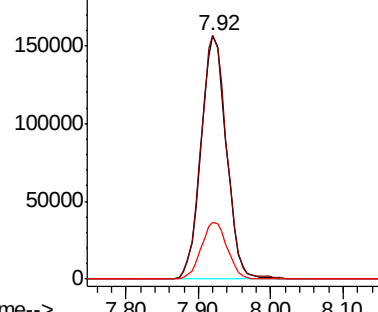


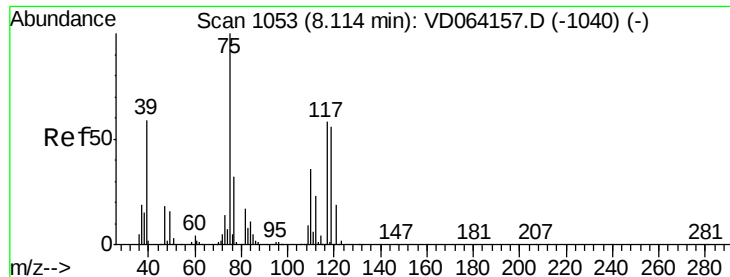
#35
 Dibromofluoromethane
 Concen: 51.464 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064206.D
 Acq: 12 Nov 2019 19:57

Tgt Ion:113 Resp: 377893
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 23.9 18.8 28.2



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: 4.762 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064206.D

Acq: 12 Nov 2019 19:57

Instrument :
MSVOA_D
ClientSampleId :

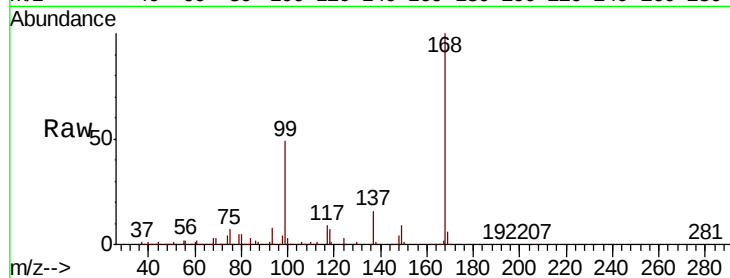
Tot Ion: 75 Resp: 56215

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.9#

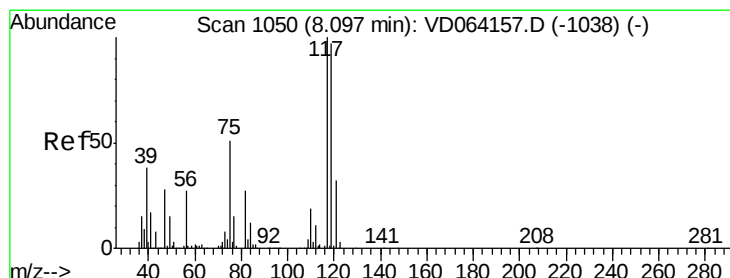
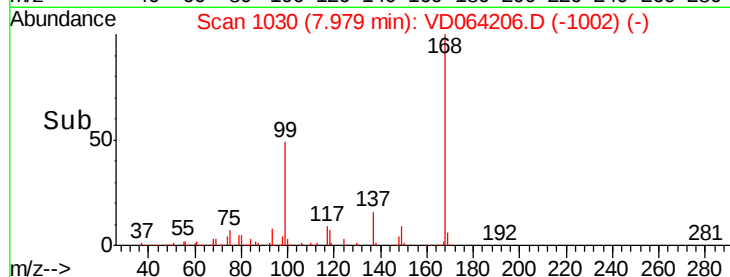
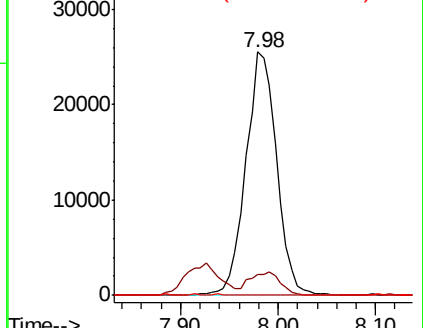
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VD064157.D (-1040) (-)

Ion 109.90 (109.60 to 110.60): VD064157.D (-1040) (-)

Ion 76.90 (76.60 to 77.60): VD064157.D (-1040) (-)



#38

Carbon Tetrachloride

Concen: 6.183 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064206.D

Acq: 12 Nov 2019 19:57

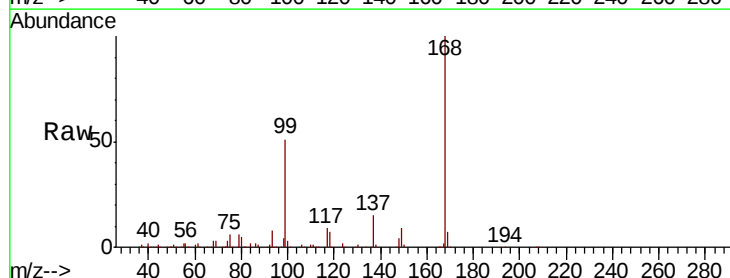
Tgt Ion: 117 Resp: 78111

Ion Ratio Lower Upper

117 100

119 3.5 77.2 115.8#

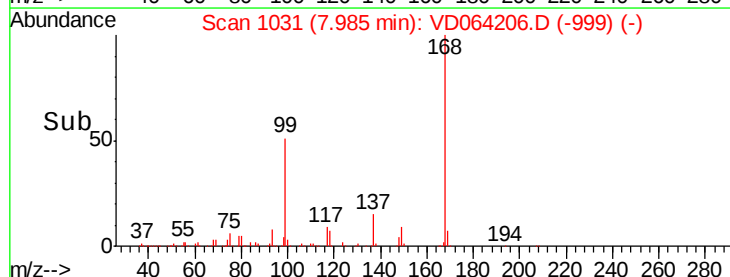
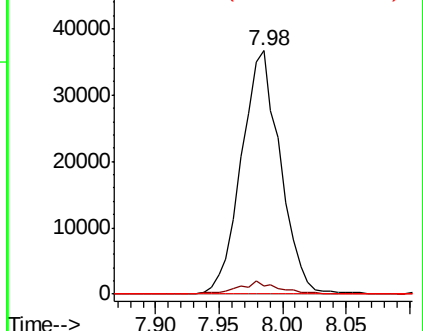
121 0.0 25.5 38.3#

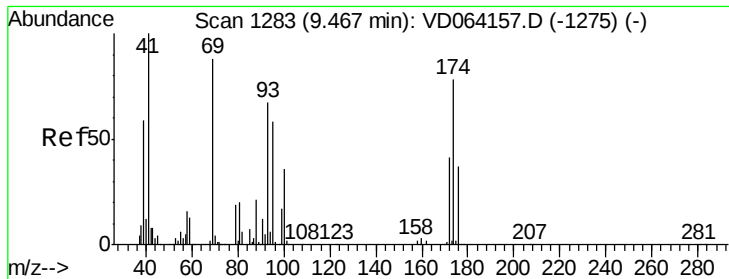


Abundance Ion 116.80 (116.50 to 117.50): VD064157.D (-1038) (-)

Ion 118.80 (118.50 to 119.50): VD064157.D (-1038) (-)

Ion 120.80 (120.50 to 121.50): VD064157.D (-1038) (-)

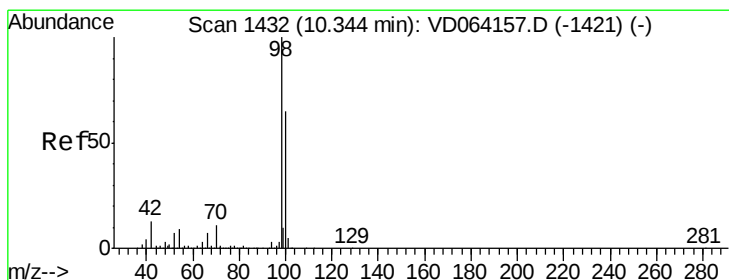
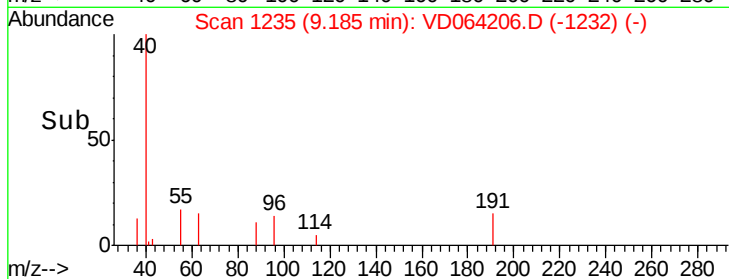
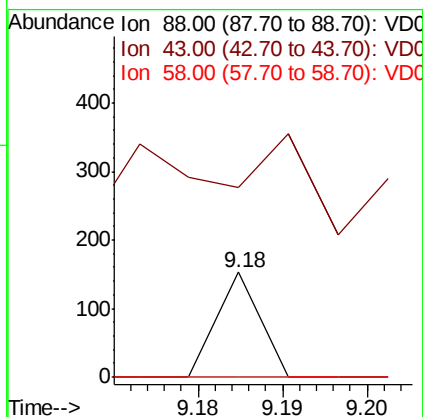
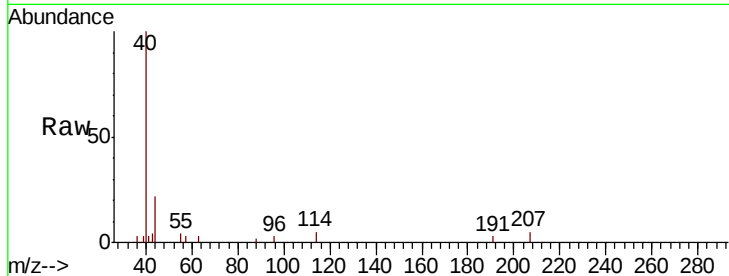




#49
1,4-Dioxane
Concen: 1.069 ug/l
RT: 9.18 min Scan# 1235
Delta R.T. -0.28 min
Lab File: VD064206.D
Acq: 12 Nov 2019 19:57

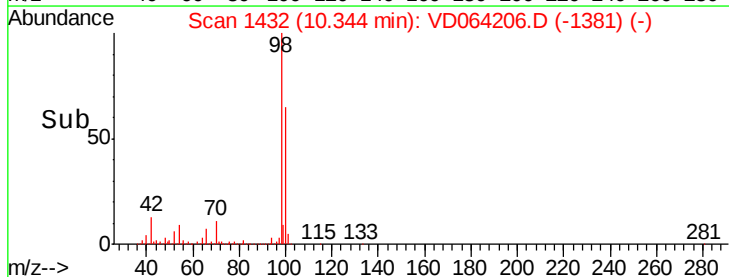
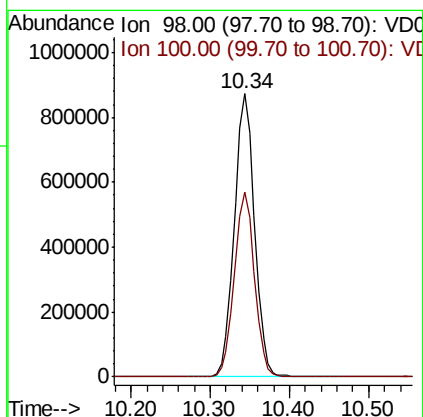
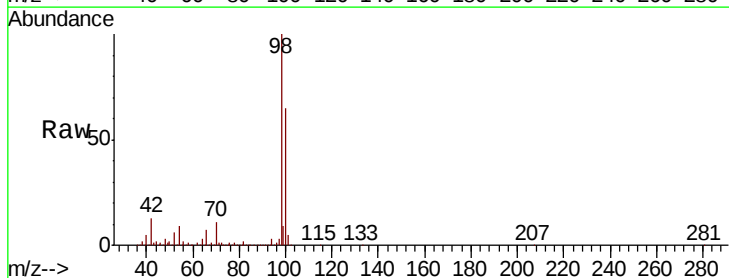
Instrument :
MSVOA_D
ClientSampleId :

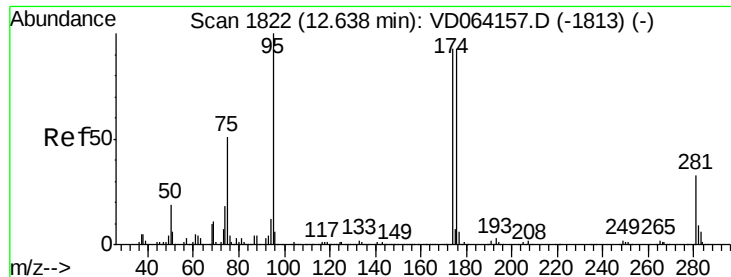
Tot Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 29.8 44.8#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 55.670 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064206.D
Acq: 12 Nov 2019 19:57

Tgt Ion: 98 Resp: 1542087
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

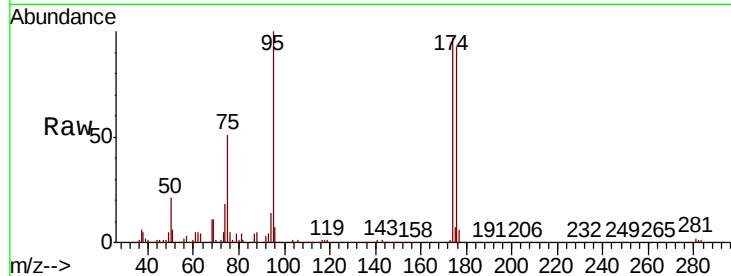




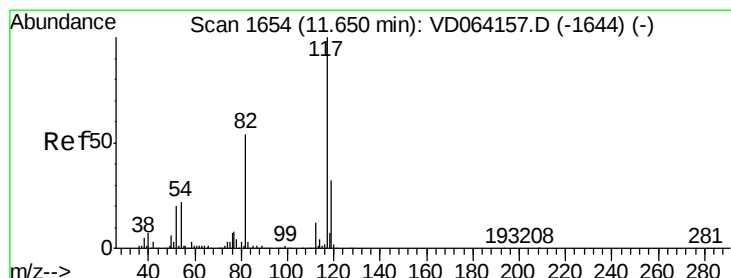
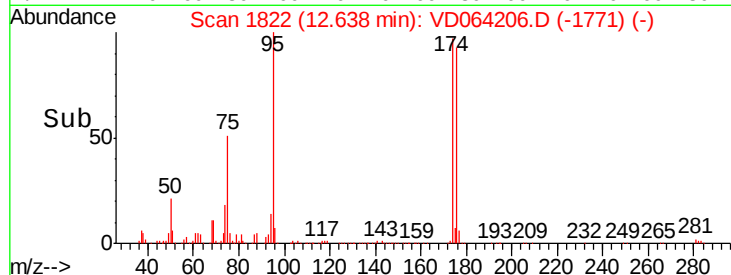
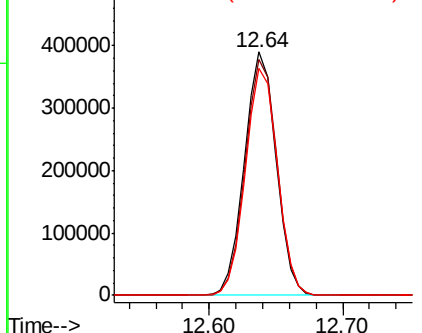
#62
4-Bromofluorobenzene
Concen: 66.362 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064206.D
Acq: 12 Nov 2019 19:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 636598
Ion Ratio Lower Upper
95 100
174 97.8 0.0 183.6
176 94.4 0.0 180.2

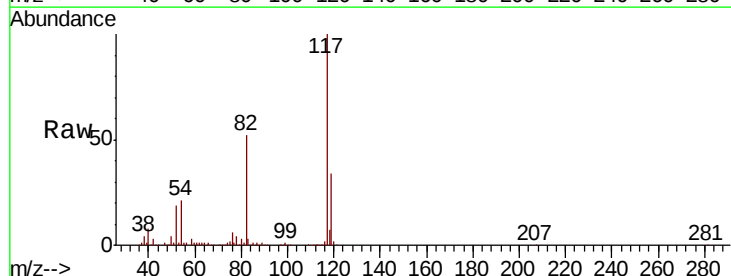


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

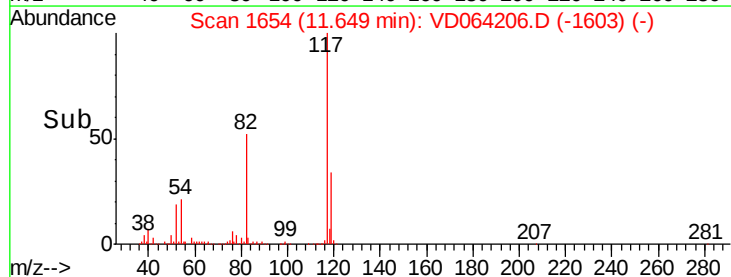
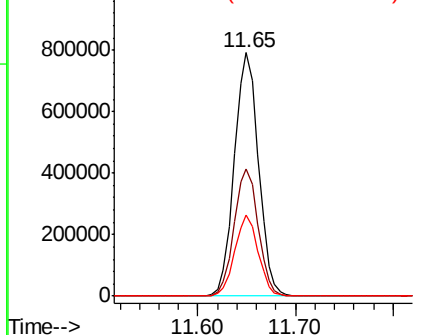


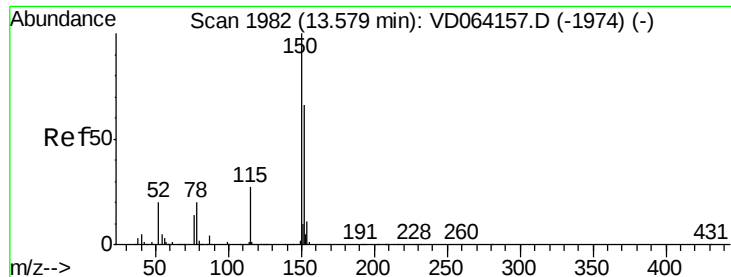
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064206.D
Acq: 12 Nov 2019 19:57

Tgt Ion: 117 Resp: 1362293
Ion Ratio Lower Upper
117 100
82 52.0 42.8 64.2
119 33.5 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: VD064206.D

Acq: 12 Nov 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

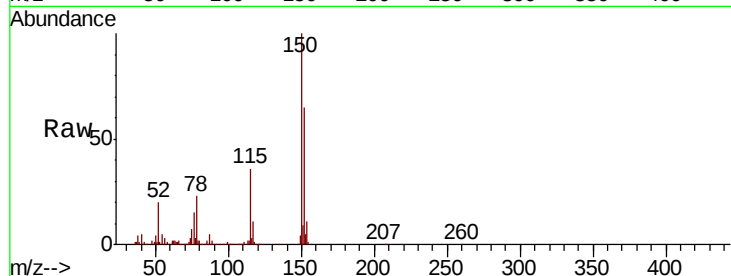
Tot Ion:152 Resp: 734046

Ion Ratio Lower Upper

152 100

115 54.4 27.4 82.2

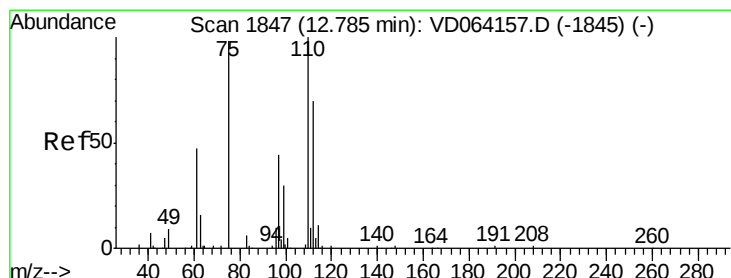
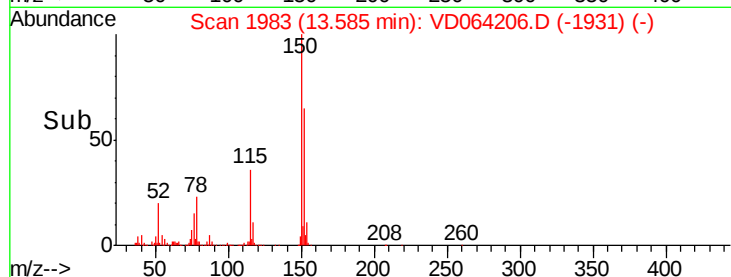
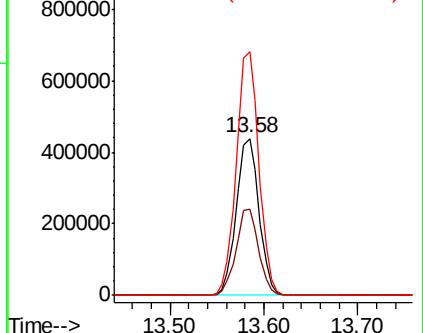
150 154.9 0.0 351.6



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: 55.860 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064206.D

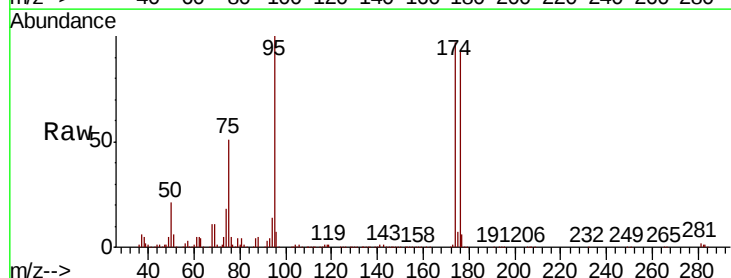
Acq: 12 Nov 2019 19:57

Tgt Ion: 75 Resp: 330275

Ion Ratio Lower Upper

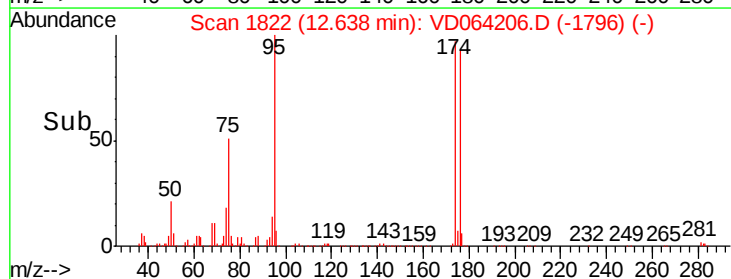
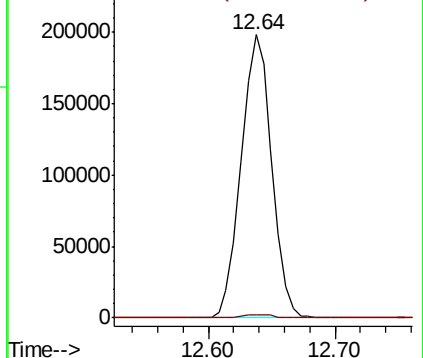
75 100

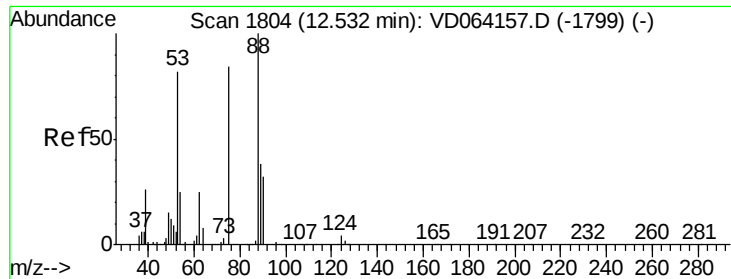
77 1.3 0.0 0.0#



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: 110.960 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064206.D

Acq: 12 Nov 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

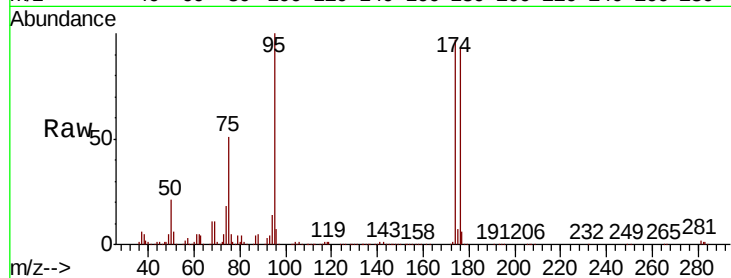
Tot Ion: 75 Resp: 330275

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

