

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065112.D
 Acq On : 07 Feb 2020 16:19
 Operator : VA/SY
 Sample : L1403-07
 Misc : 8.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 08 00:08:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

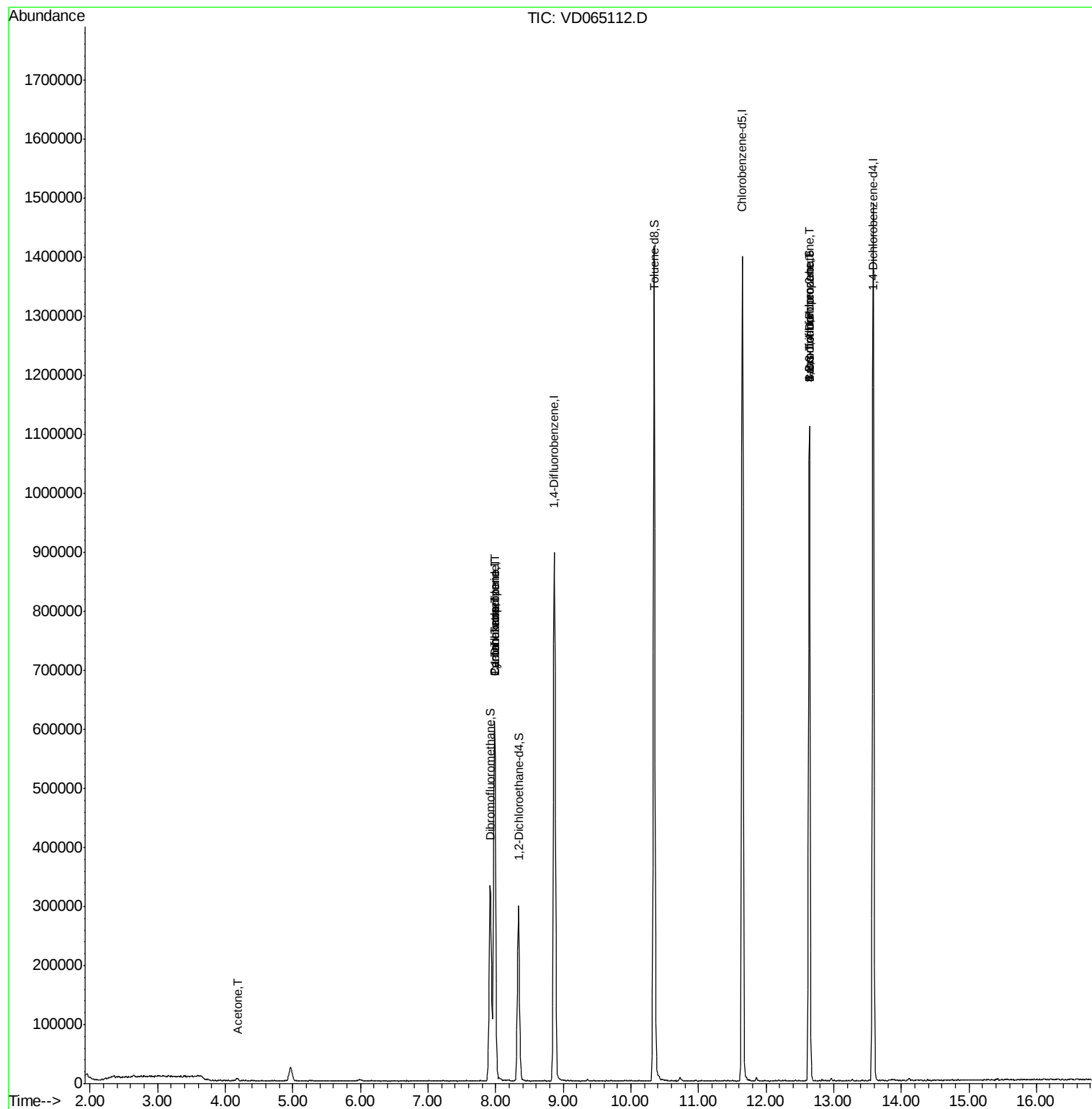
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	465401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	769729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	794014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	398435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	231897	58.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.26%	
35) Dibromofluoromethane	7.92	113	238571	55.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.10%	
50) Toluene-d8	10.34	98	939003	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
62) 4-Bromofluorobenzene	12.64	95	345005	63.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.40%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	7162	7.242	ug/l	93
31) Cyclohexane	7.98	56	10088	1.282	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	36599	5.113	ug/l #	49
38) Carbon Tetrachloride	7.98	117	45141	6.175	ug/l #	14
71) Bromoform	12.64	173	3304	1.083	ug/l #	29
76) 1,2,3-Trichloropropane	12.64	75	180037	59.683	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	180037	119.360	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020720\
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Quant Time: Feb 08 00:08:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
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: VD065112.D

Acq: 07 Feb 2020 16:19

Instrument :

MSVOA_D

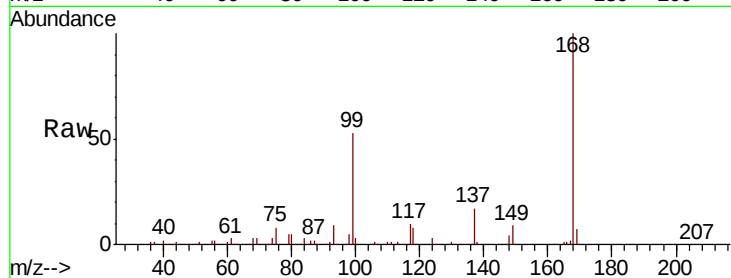
ClientSampleId :

Tot Ion:168 Resp: 465401

Ion Ratio Lower Upper

168 100

99 53.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

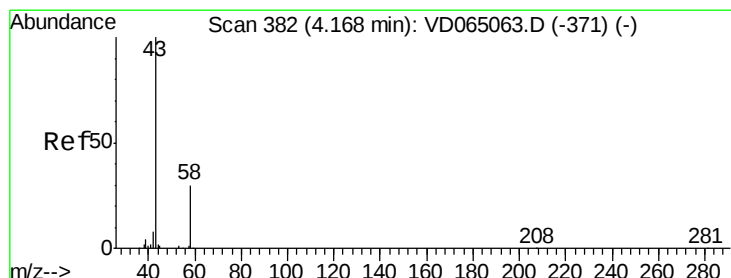
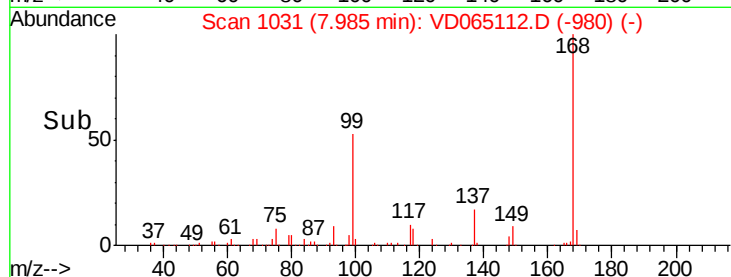
0

7.90

8.00

8.10

Time-->



#16

Acetone

Concen: 7.242 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD065112.D

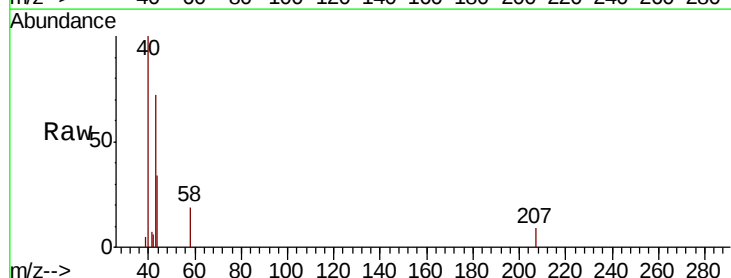
Acq: 07 Feb 2020 16:19

Tgt Ion: 43 Resp: 7162

Ion Ratio Lower Upper

43 100

58 25.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

3000

2500

2000

1500

1000

500

0

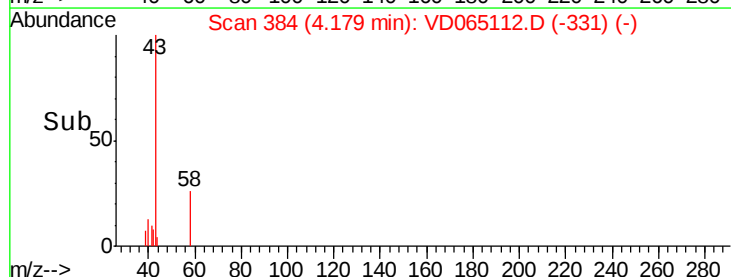
4.10

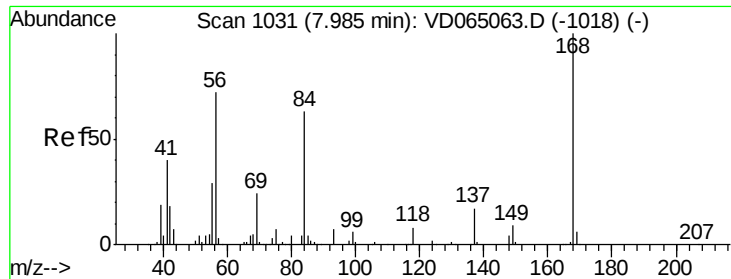
4.15

4.20

4.25

Time-->

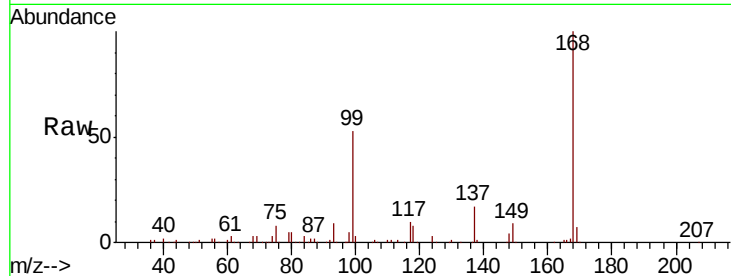




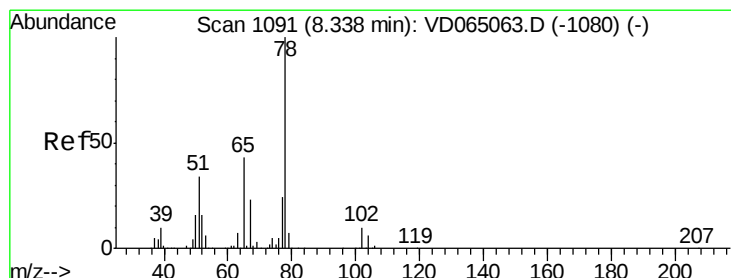
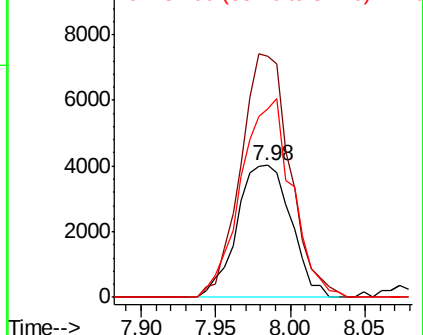
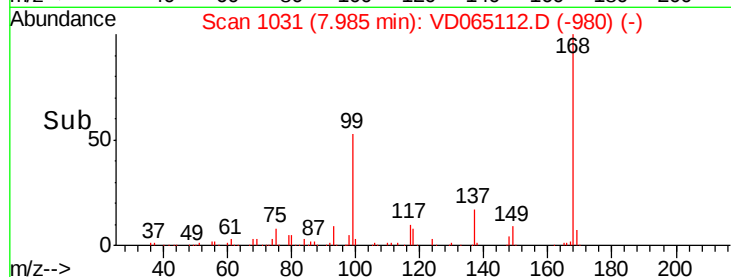
#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065112.D
Acq: 07 Feb 2020 16:19

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion: 56 Resp: 10088
Ion Ratio Lower Upper
56 100
69 182.7 26.6 40.0#
84 143.3 70.6 106.0#

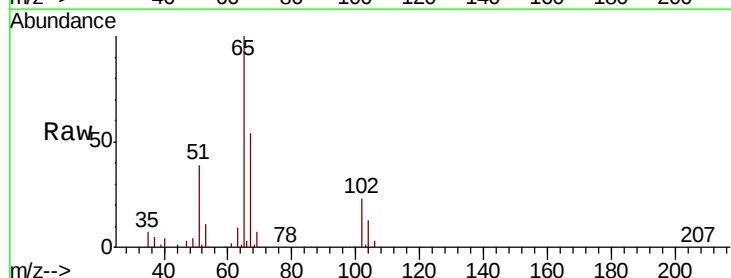


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

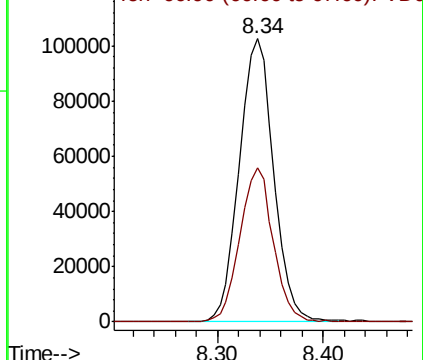
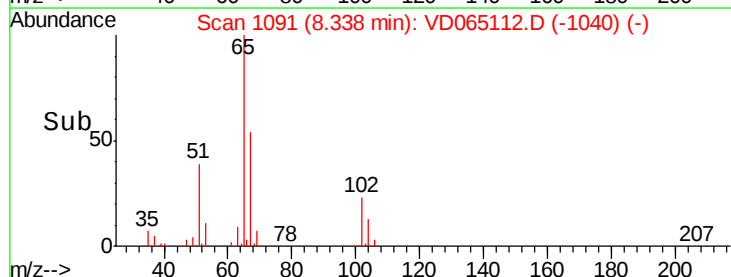


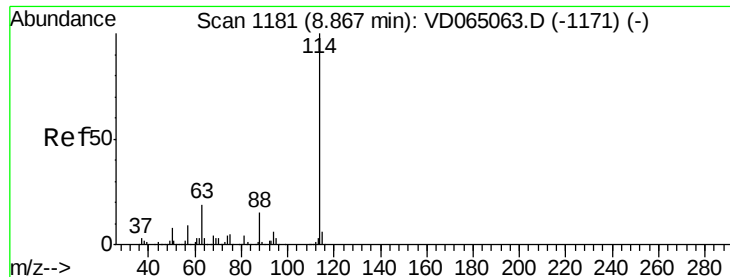
#33
1,2-Dichloroethane-d4
Concen: 58.626 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065112.D
Acq: 07 Feb 2020 16:19

Tgt Ion: 65 Resp: 231897
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8



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

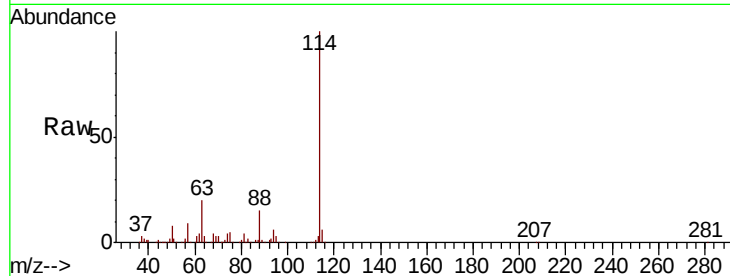




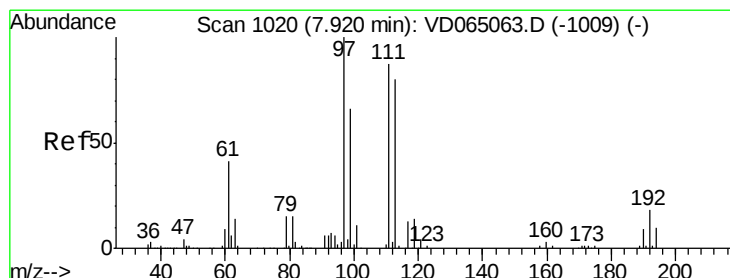
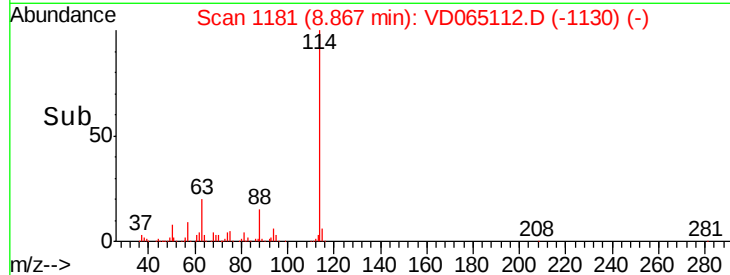
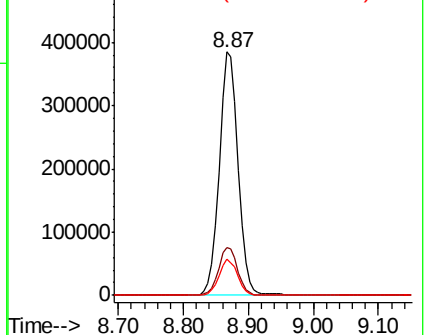
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065112.D
 Acq: 07 Feb 2020 16:19

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:114 Resp: 769729
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.8
 88 15.0 0.0 29.6

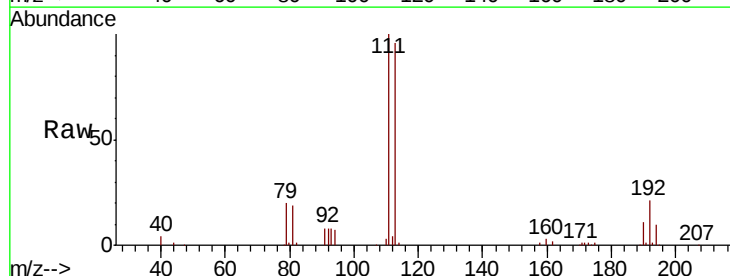


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

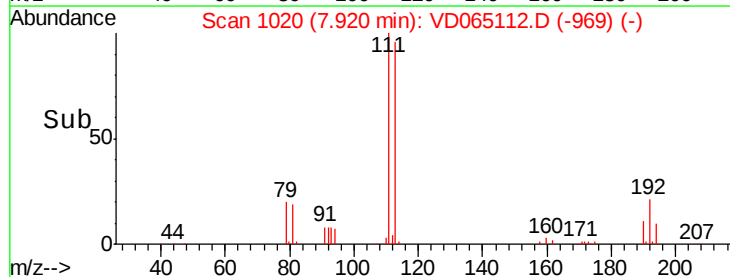
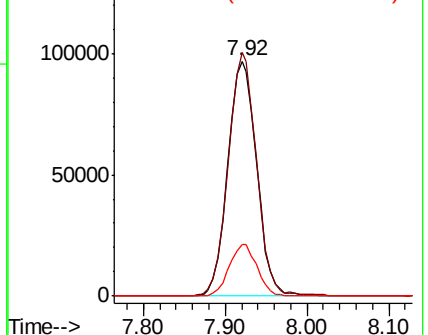


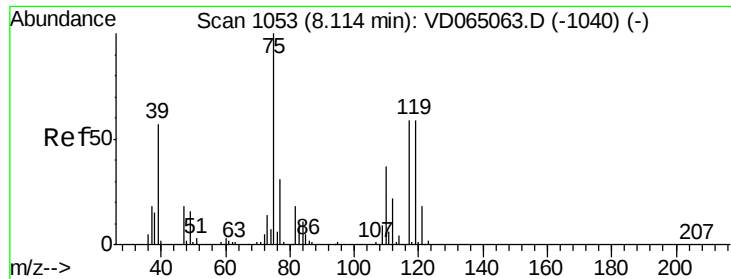
#35
 Dibromofluoromethane
 Concen: 55.551 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065112.D
 Acq: 07 Feb 2020 16:19

Tgt Ion:113 Resp: 238571
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.1 124.7
 192 21.3 18.1 27.1



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

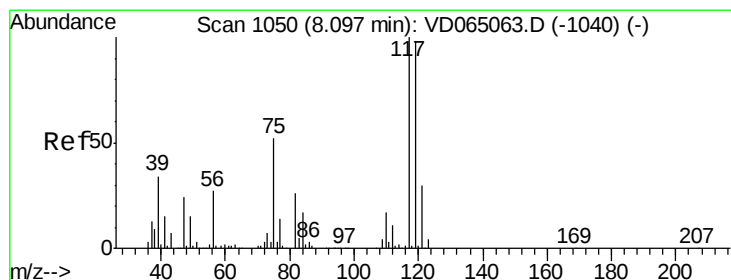
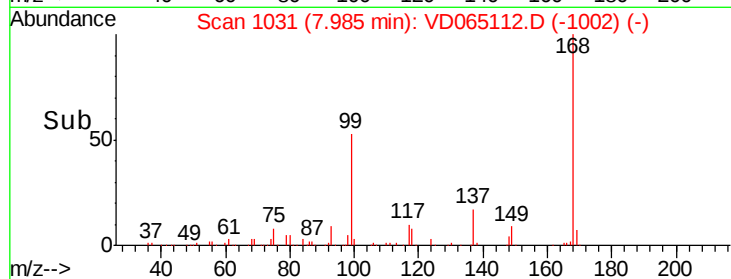
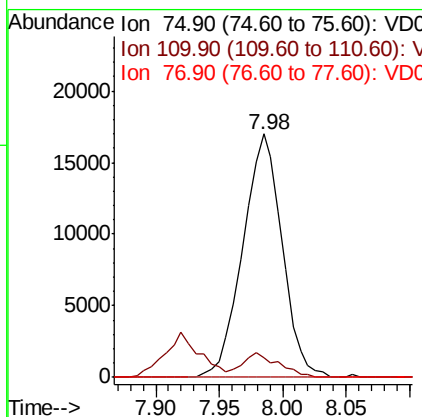
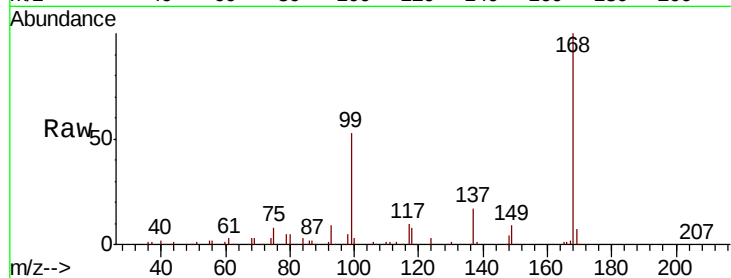




#36
 1,1-Dichloropropene
 Concen: 5.113 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065112.D
 Acq: 07 Feb 2020 16:19

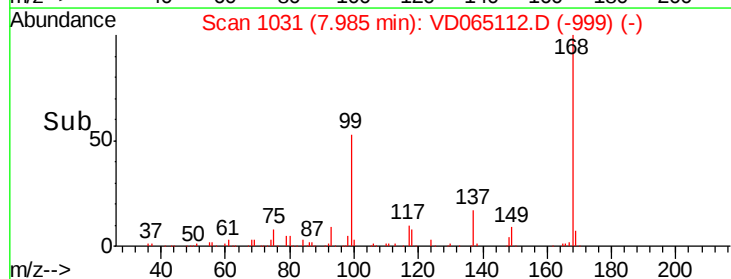
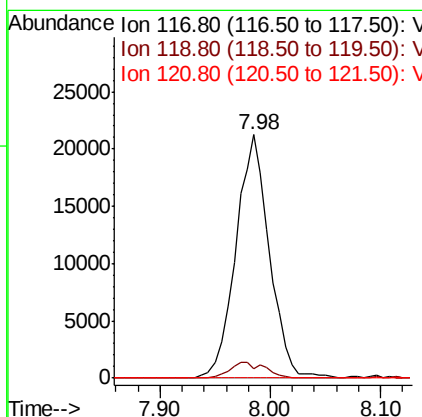
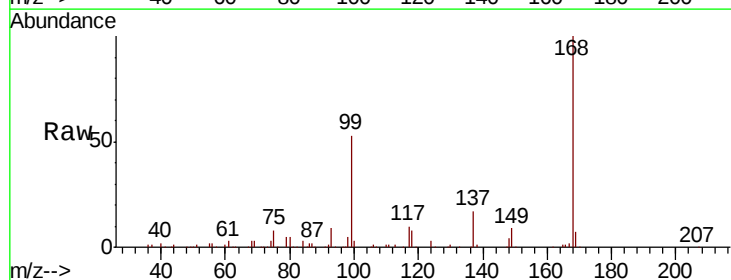
Instrument :
 MSVOA_D
 ClientSampleID :

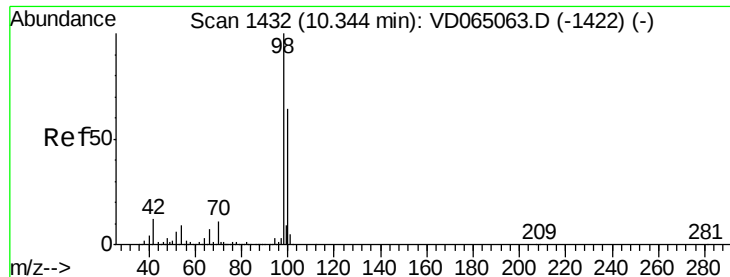
Tot Ion	75	Resp	36599
Ion Ratio	Lower	Upper	
75	100		
110	9.3	18.1	54.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.175 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065112.D
 Acq: 07 Feb 2020 16:19

Tgt Ion	117	Resp	45141
Ion Ratio	Lower	Upper	
117	100		
119	4.1	78.5	117.7#
121	0.0	23.8	35.6#

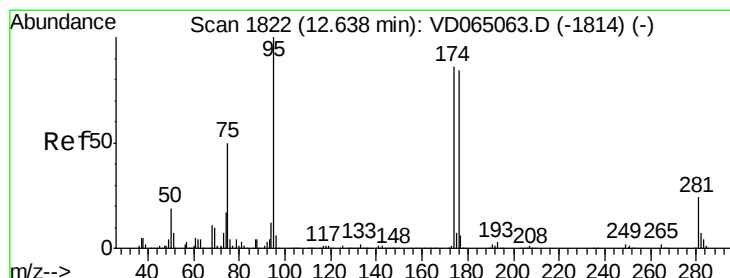
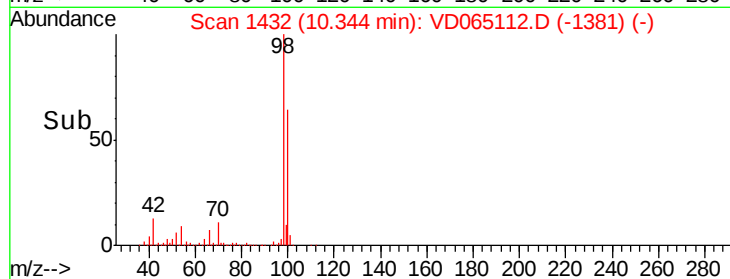
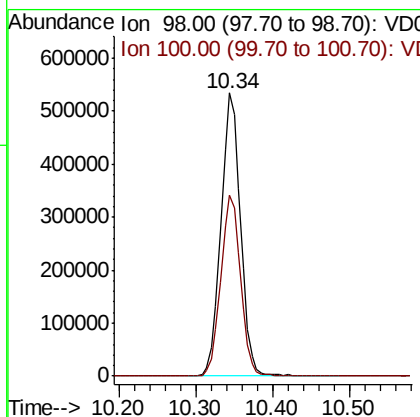
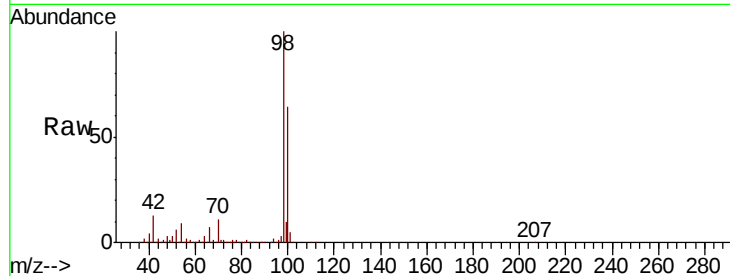




#50
Toluene-d8
Concen: 54.932 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065112.D
Acq: 07 Feb 2020 16:19

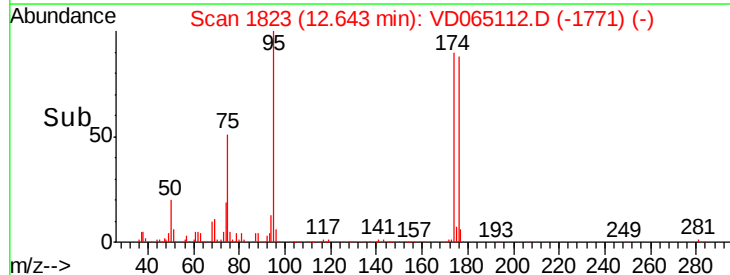
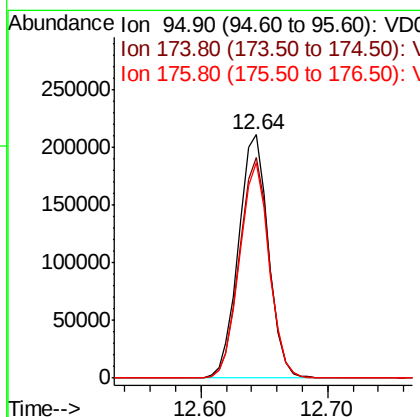
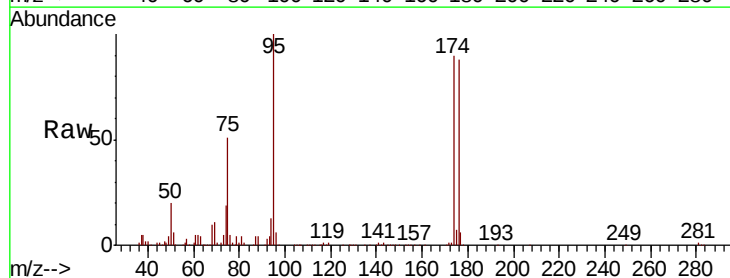
Instrument :
MSVOA_D
ClientSampleId :

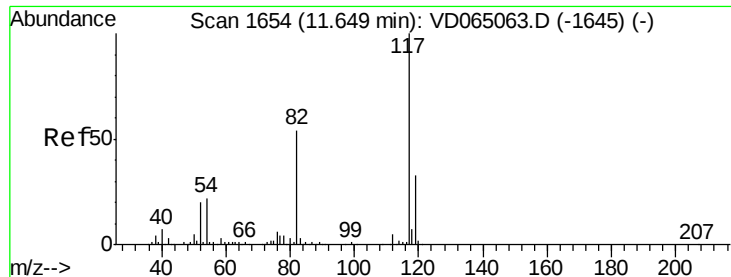
Tot Ion: 98 Resp: 939003
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 63.697 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065112.D
Acq: 07 Feb 2020 16:19

Tgt Ion: 95 Resp: 345005
Ion Ratio Lower Upper
95 100
174 90.3 0.0 180.0
176 87.7 0.0 173.2

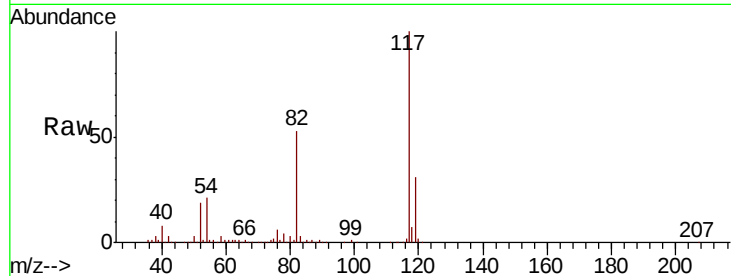




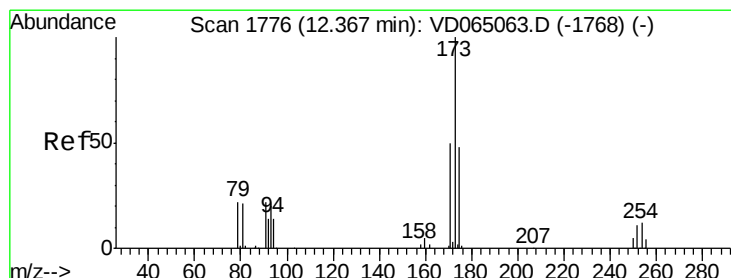
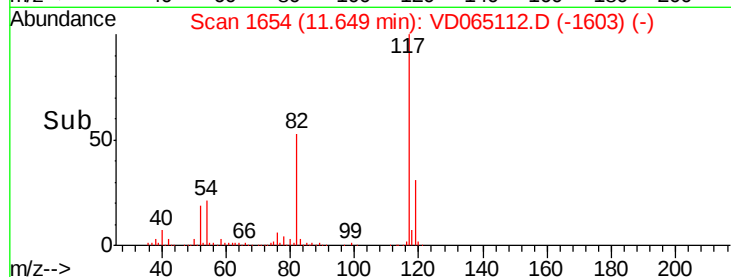
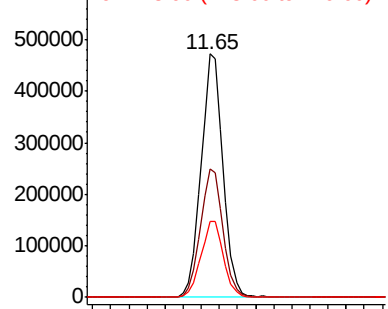
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065112.D
Acq: 07 Feb 2020 16:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 794014
Ion Ratio Lower Upper
117 100
82 52.8 43.1 64.7
119 31.3 26.0 39.0

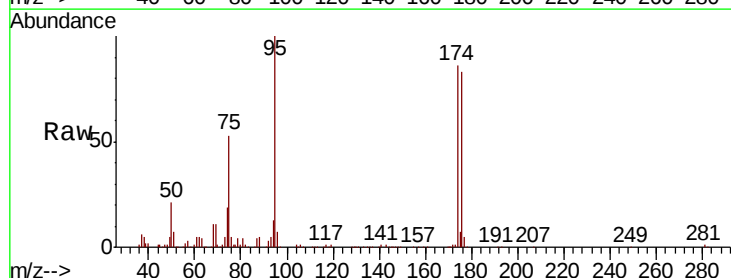


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
Ion 118.90 (118.60 to 119.60): V

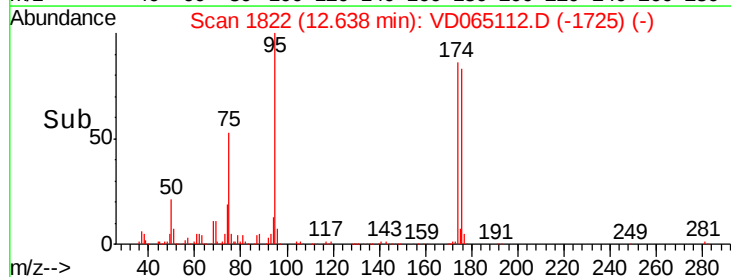
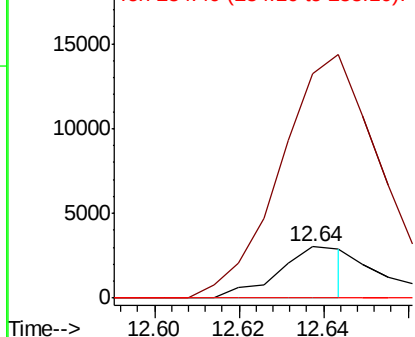


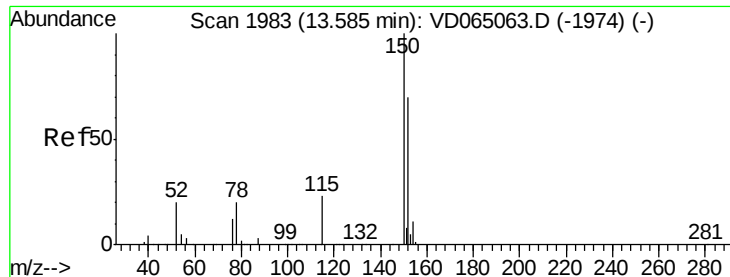
#71
Bromoform
Concen: 1.083 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.27 min
Lab File: VD065112.D
Acq: 07 Feb 2020 16:19

Tgt Ion:173 Resp: 3304
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): 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: VD065112.D

Acq: 07 Feb 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

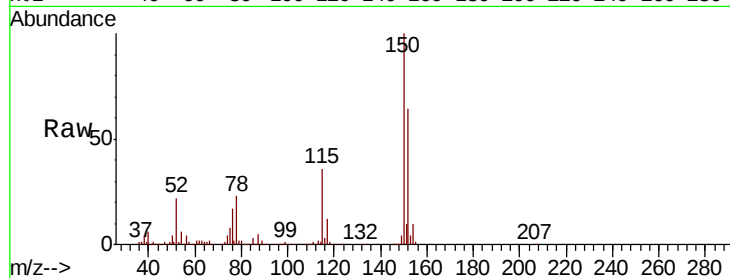
Tot Ion:152 Resp: 398435

Ion Ratio Lower Upper

152 100

115 56.4 27.5 82.4

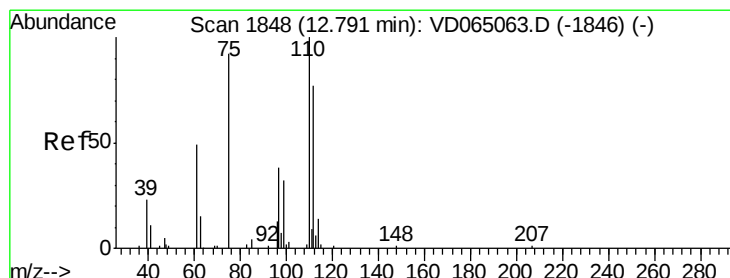
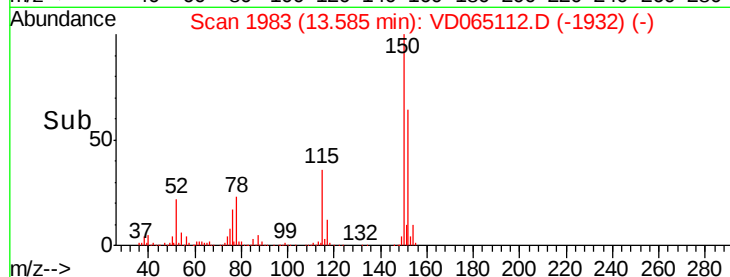
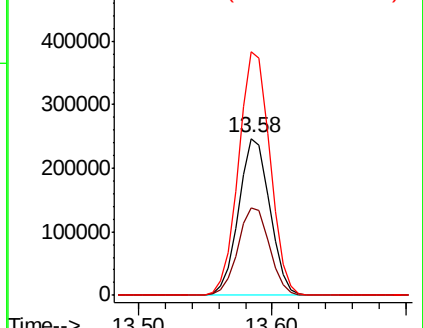
150 156.7 0.0 343.2



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: 59.683 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065112.D

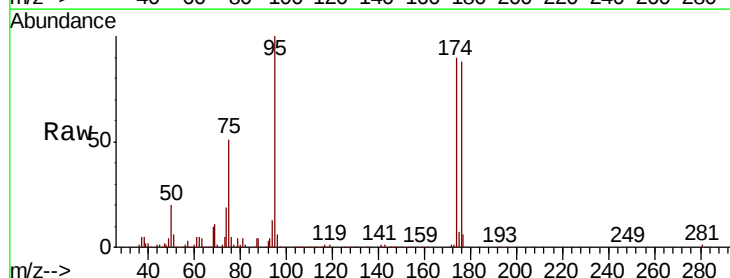
Acq: 07 Feb 2020 16:19

Tgt Ion: 75 Resp: 180037

Ion Ratio Lower Upper

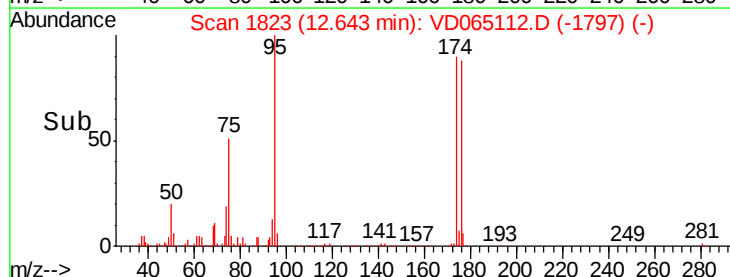
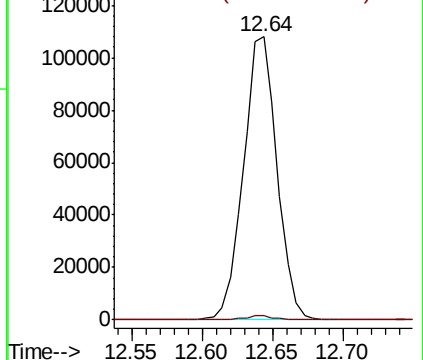
75 100

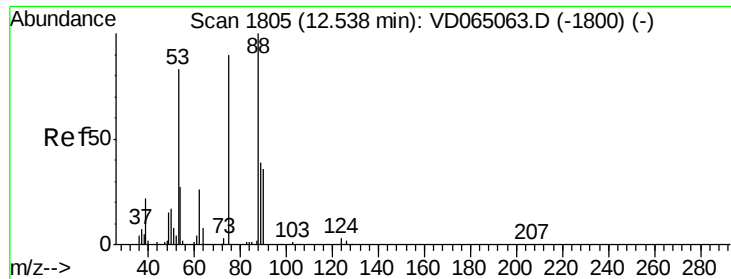
77 1.4 0.0 0.0#



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: 119.360 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065112.D

Acq: 07 Feb 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

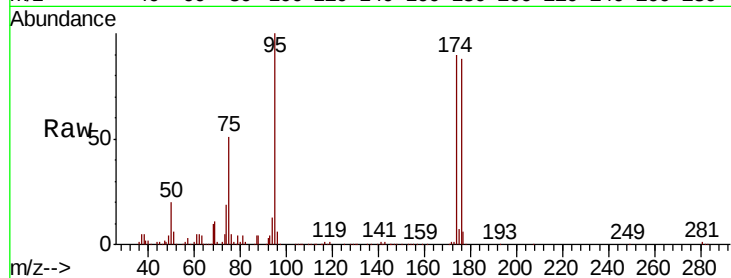
Tot Ion: 75 Resp: 180037

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.0 55.4#



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

