

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065252.D
 Acq On : 20 Feb 2020 13:06
 Operator : VA/SY
 Sample : L1599-02RE
 Misc : 7.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 21 04:02:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

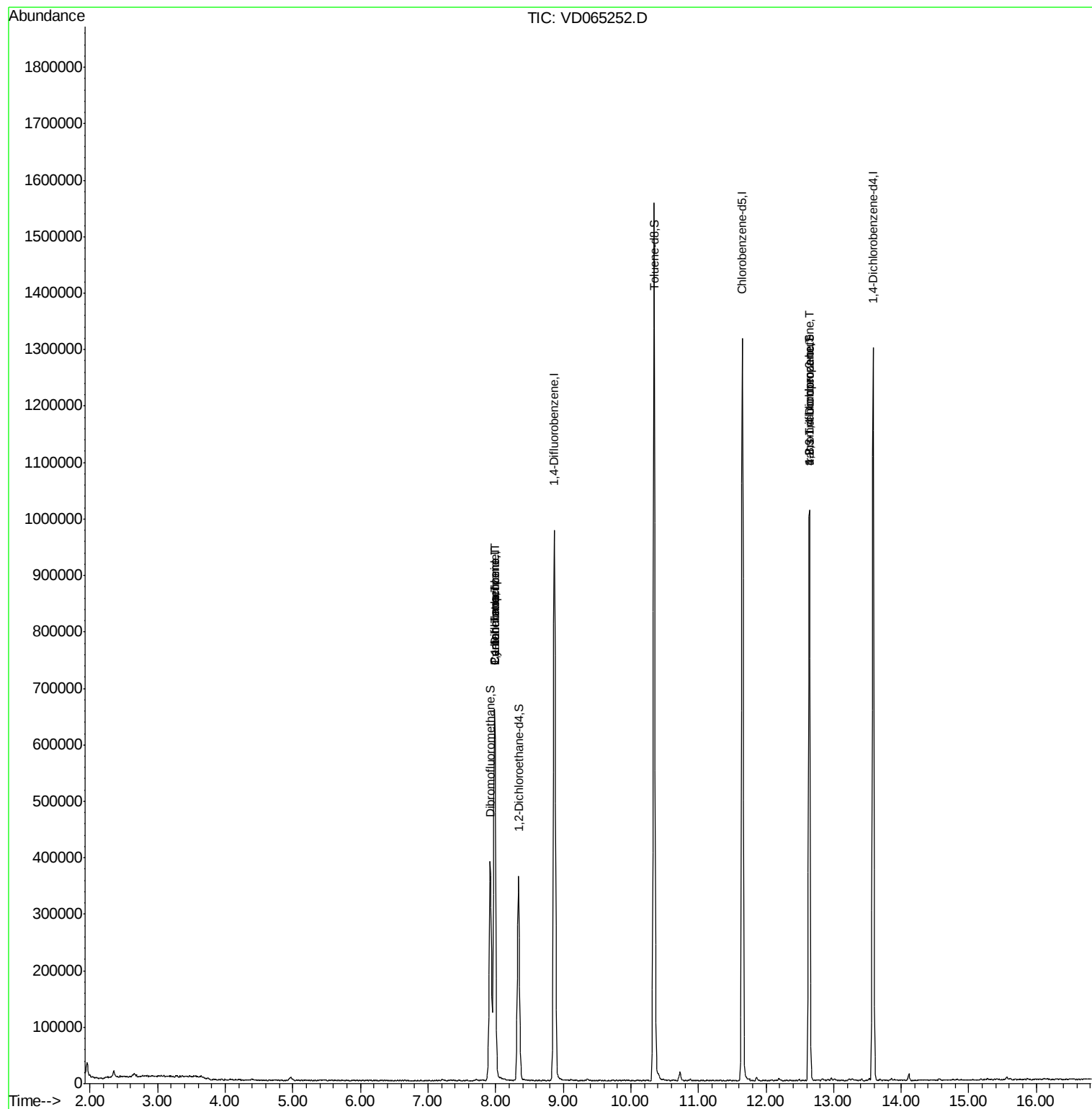
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	513916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	863073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	780595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	359455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	283164	61.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.50%	
35) Dibromofluoromethane	7.92	113	276301	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
50) Toluene-d8	10.34	98	1043191	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.64	95	315231	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
Target Compounds						
13) Acrolein	3.91	56	54	Below Cal	#	14
20) Methylene Chloride	4.97	84	4241	Below Cal	#	75
31) Cyclohexane	7.98	56	11327	1.246	ug/l #	30
36) 1,1-Dichloropropene	7.98	75	36588	4.357	ug/l #	49
38) Carbon Tetrachloride	7.98	117	47988	5.613	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	157000	51.335	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	157000	110.841	ug/l #	11

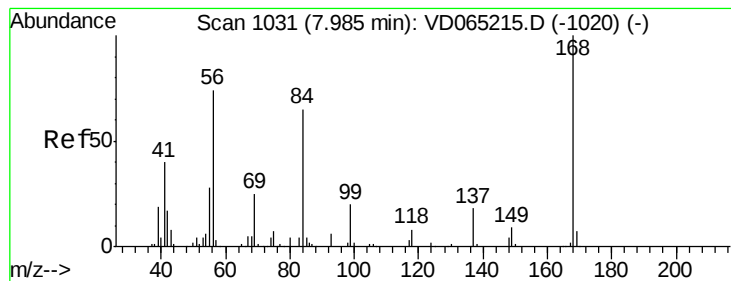
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065252.D

Acq: 20 Feb 2020 13:06

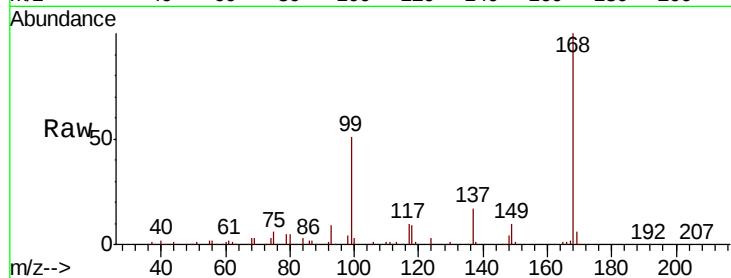
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 513916

Ion Ratio Lower Upper

168 100

99 51.1 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

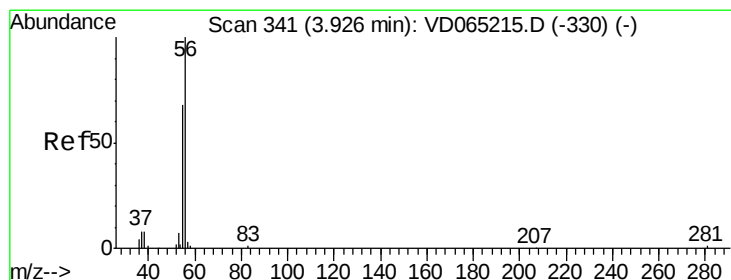
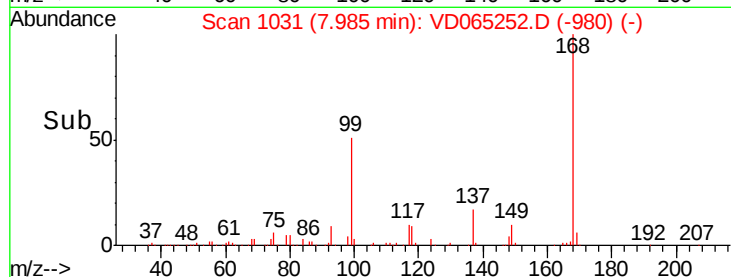
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.91 min Scan# 338

Delta R.T. -0.02 min

Lab File: VD065252.D

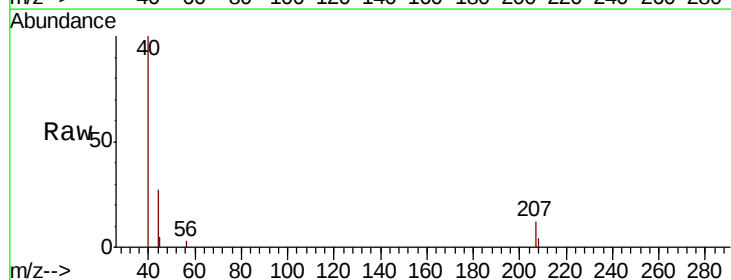
Acq: 20 Feb 2020 13:06

Tgt Ion: 56 Resp: 54

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.91

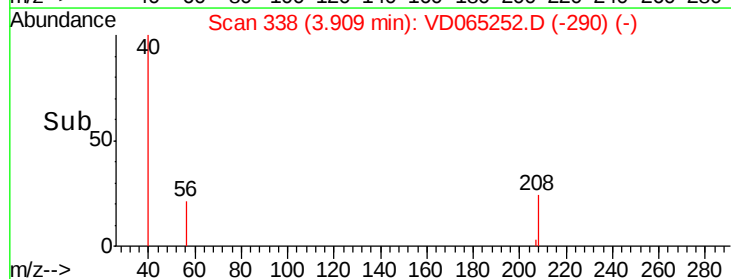
150

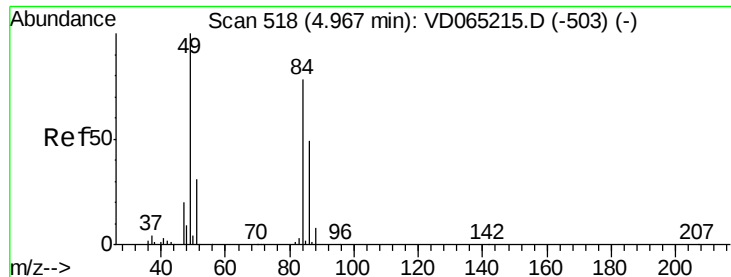
100

50

0

Time-->

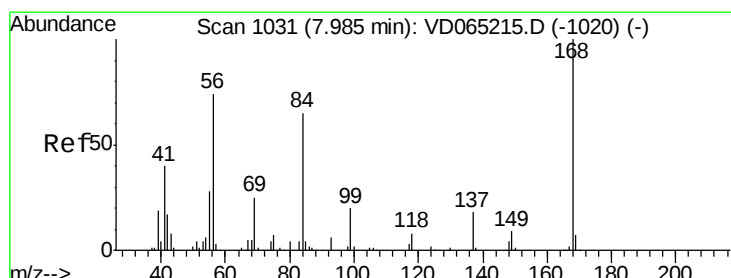
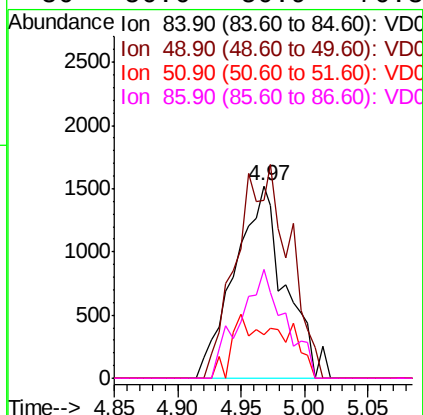
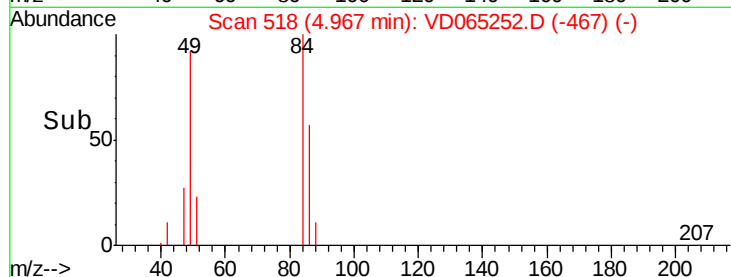
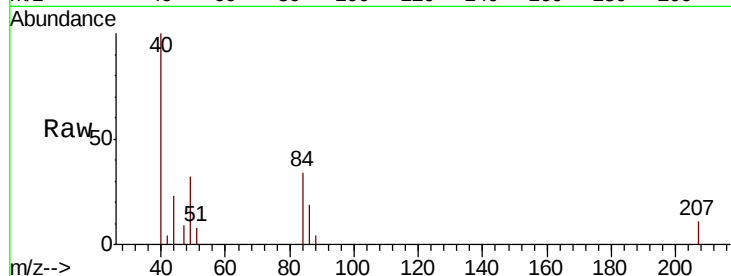




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065252.D
Acq: 20 Feb 2020 13:06

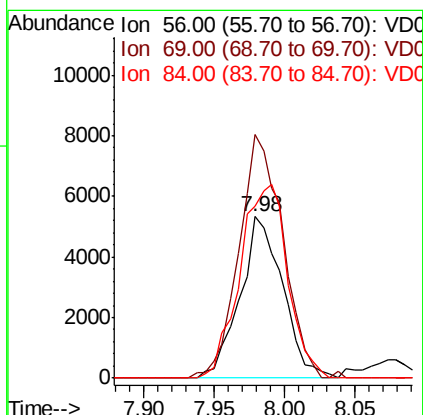
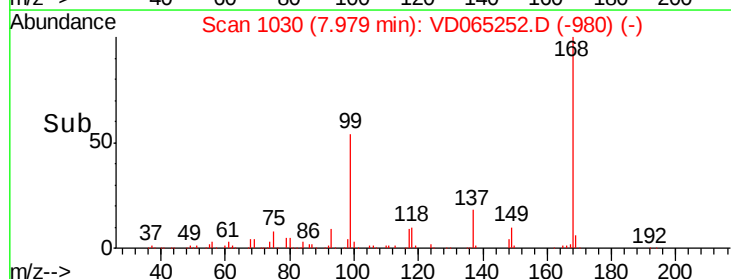
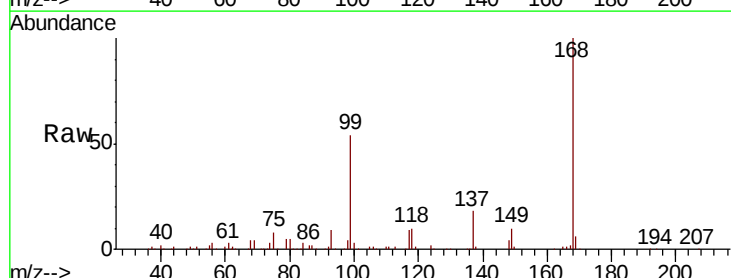
Instrument :
MSVOA_D
ClientSampled :

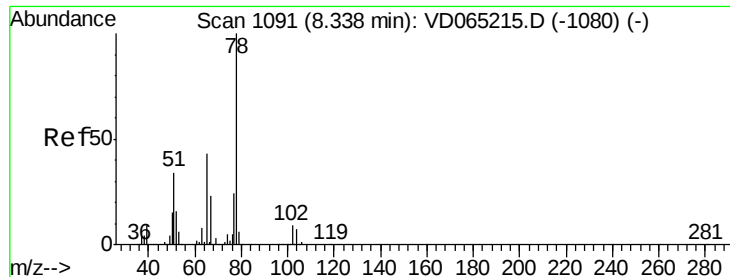
Tot Ion: 84 Resp: 4241
Ion Ratio Lower Upper
84 100
49 92.3 103.1 154.7#
51 22.5 31.7 47.5#
86 56.6 50.9 76.3



#31
Cyclohexane
Concen: 1.246 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065252.D
Acq: 20 Feb 2020 13:06

Tgt Ion: 56 Resp: 11327
Ion Ratio Lower Upper
56 100
69 150.7 27.4 41.0#
84 106.2 71.1 106.7

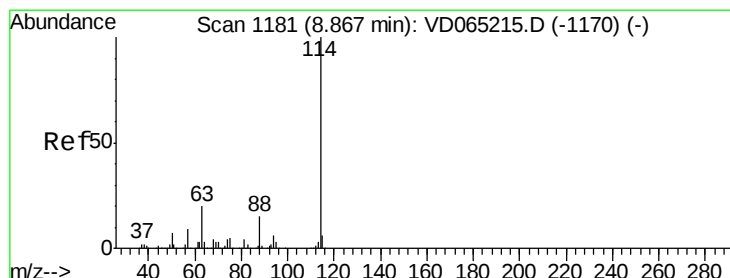
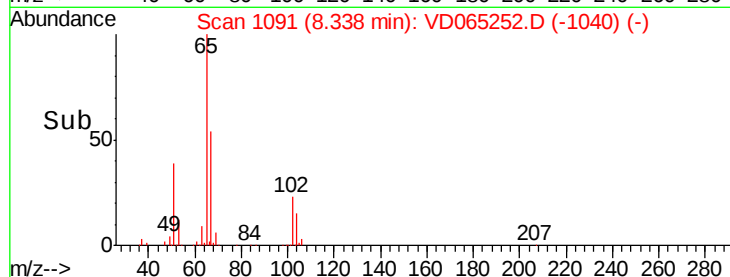
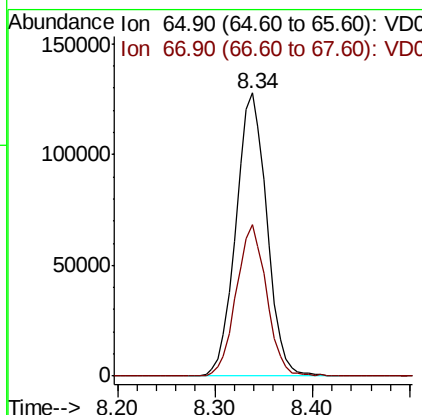
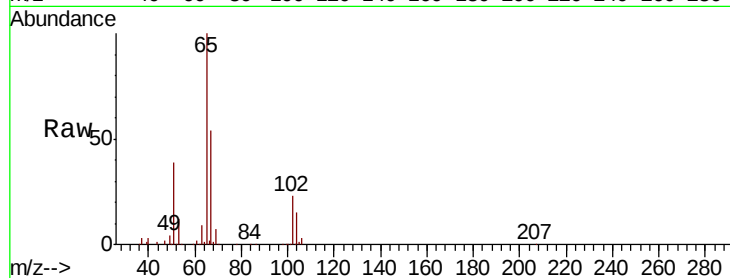




#33
 1,2-Dichloroethane-d4
 Concen: 61.248 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065252.D
 Acq: 20 Feb 2020 13:06

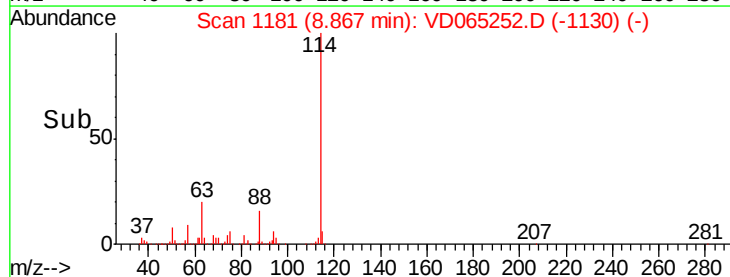
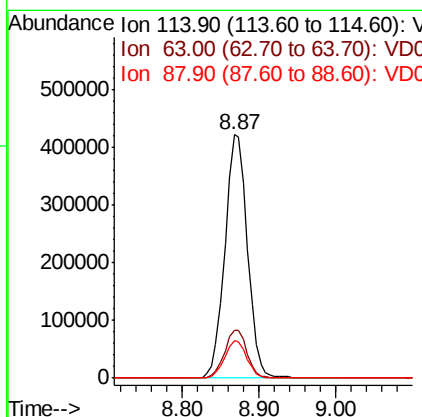
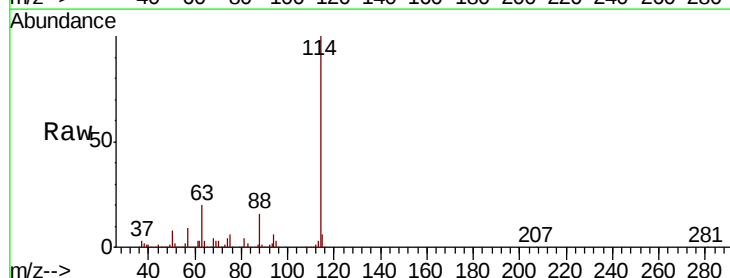
Instrument :
 MSVOA_D
 ClientSampleId :

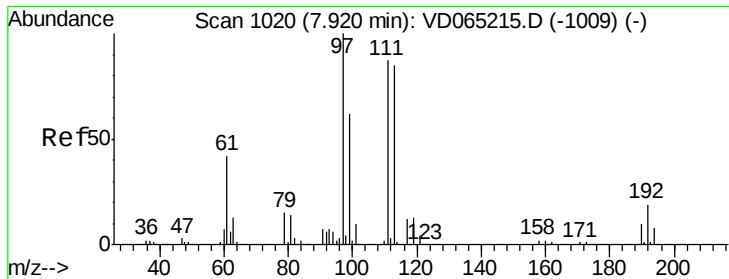
Tot Ion: 65 Resp: 283164
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065252.D
 Acq: 20 Feb 2020 13:06

Tgt Ion: 114 Resp: 863073
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.6 0.0 30.4

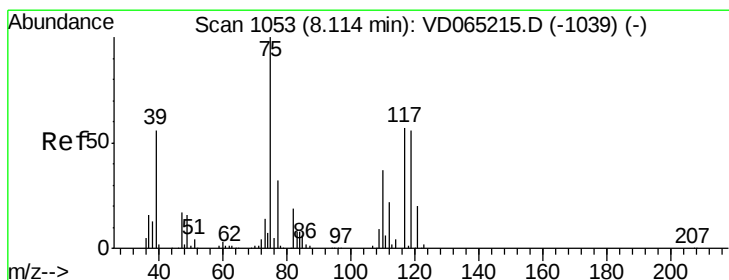
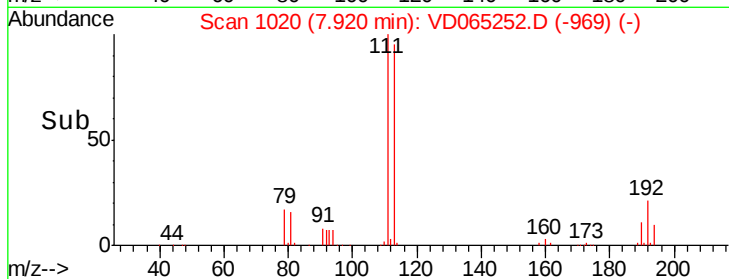
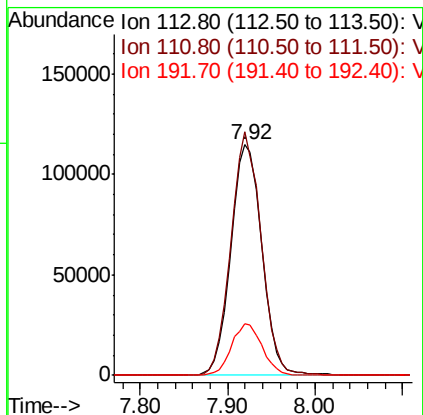
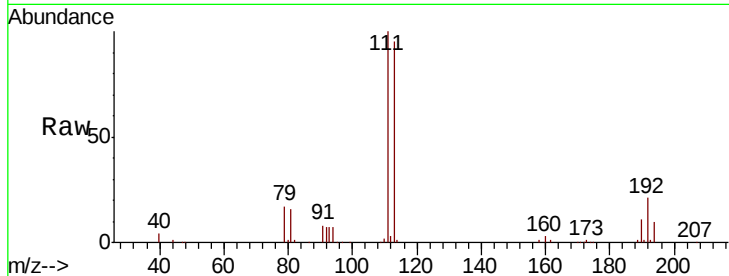




#35
 Dibromofluoromethane
 Concen: 52.504 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065252.D
 Acq: 20 Feb 2020 13:06

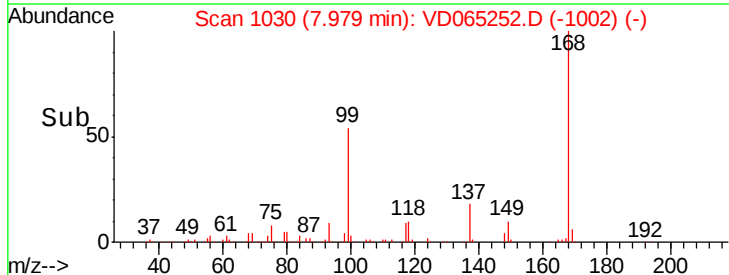
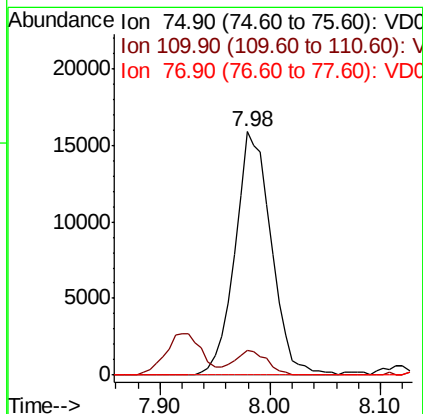
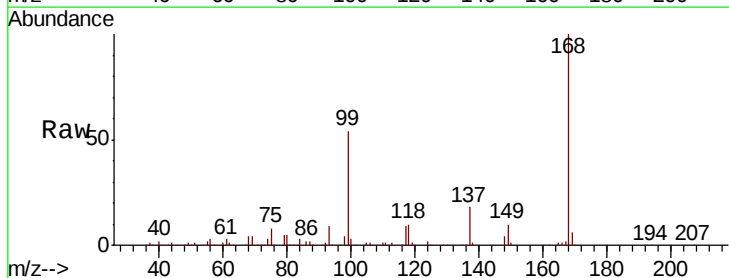
Instrument :
 MSVOA_D
 ClientSampleId :

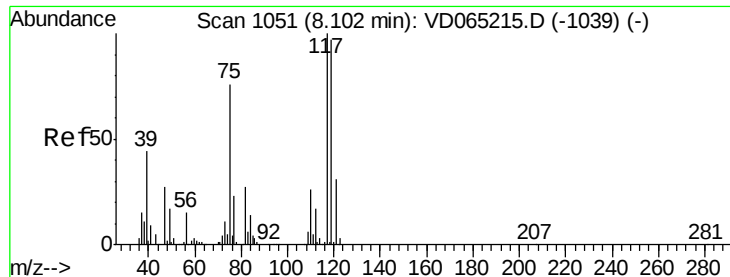
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	21.9	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.357 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065252.D
 Acq: 20 Feb 2020 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.9	53.7#
77	0.0	25.1	37.7#

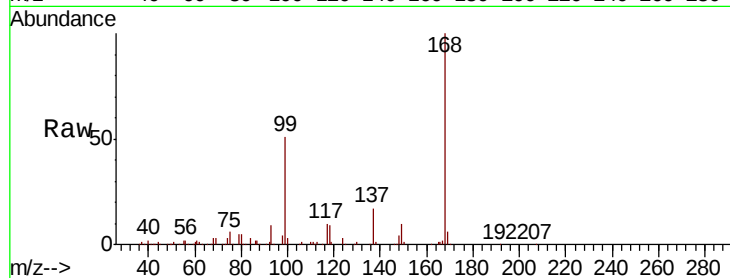




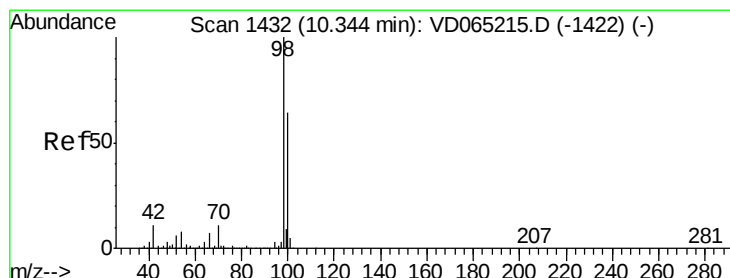
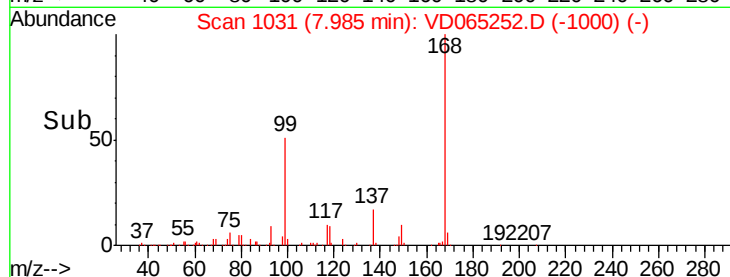
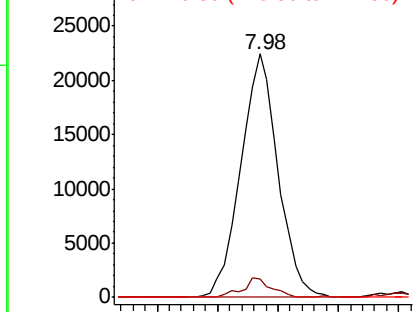
#38
Carbon Tetrachloride
Concen: 5.613 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065252.D
Acq: 20 Feb 2020 13:06

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 47988
Ion Ratio Lower Upper
117 100
119 7.4 77.6 116.4#
121 0.0 24.8 37.2#

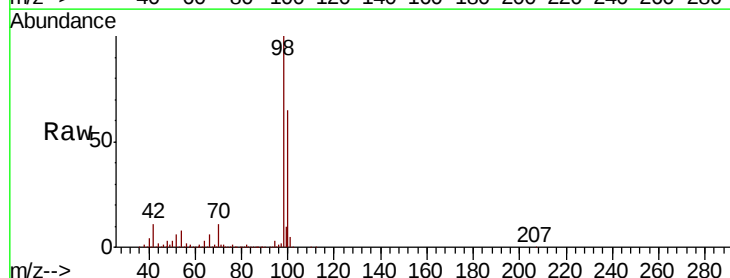


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

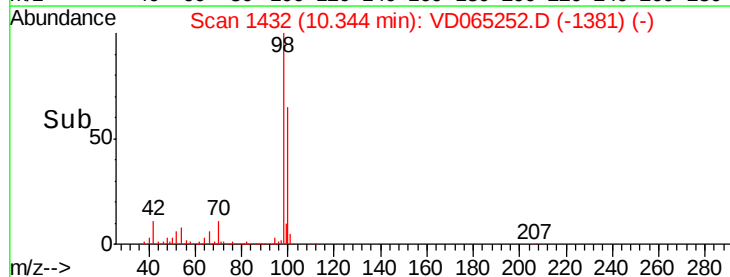
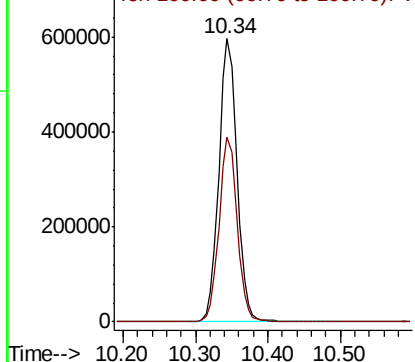


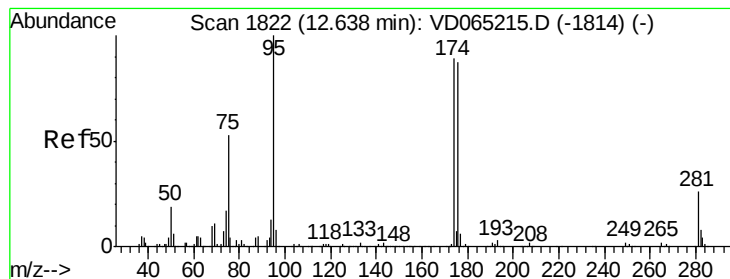
#50
Toluene-d8
Concen: 51.853 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065252.D
Acq: 20 Feb 2020 13:06

Tgt Ion: 98 Resp: 1043191
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 49.462 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065252.D

Acq: 20 Feb 2020 13:06

Instrument :

MSVOA_D

ClientSampled :

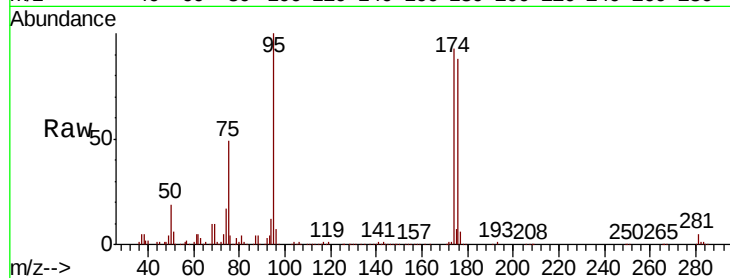
Tot Ion: 95 Resp: 315231

Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.0

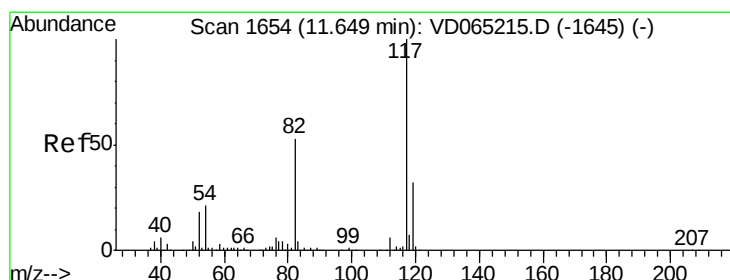
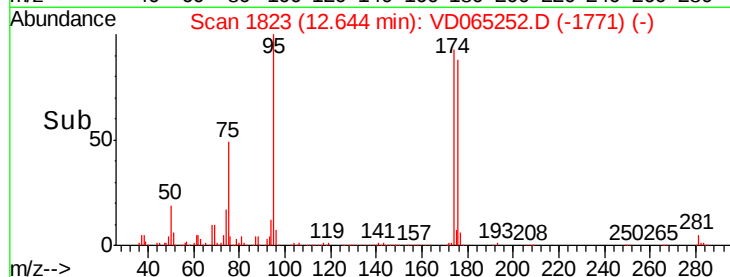
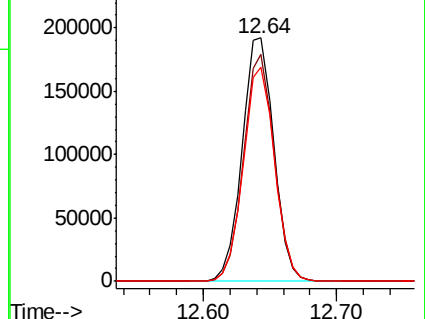
176 86.8 0.0 174.4



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: VD065252.D

Acq: 20 Feb 2020 13:06

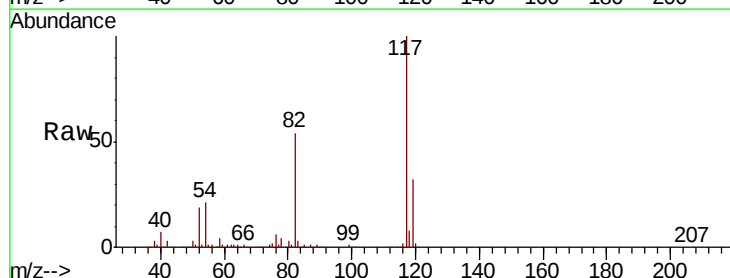
Tgt Ion: 117 Resp: 780595

Ion Ratio Lower Upper

117 100

82 54.2 42.7 64.1

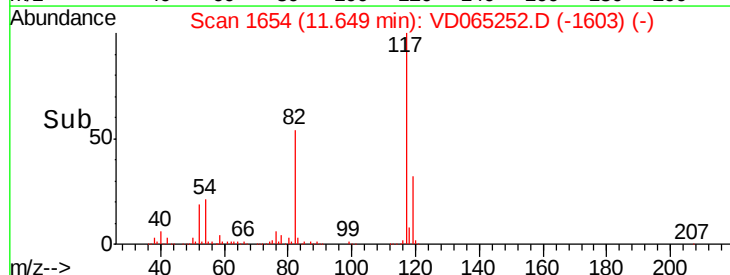
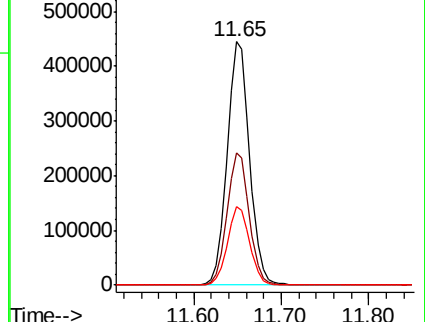
119 32.0 25.5 38.3

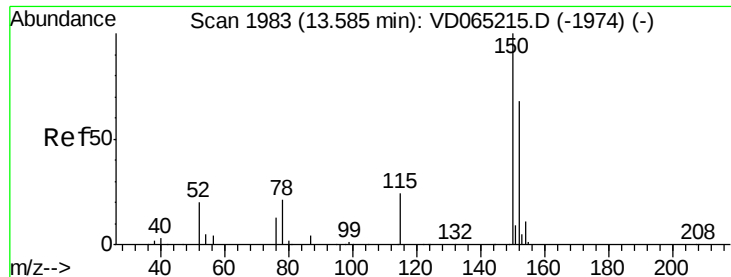


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065252.D

Acq: 20 Feb 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

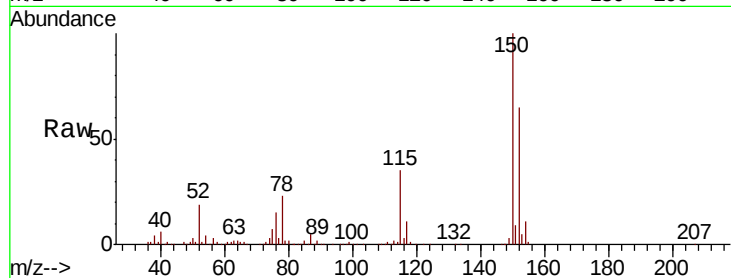
Tot Ion:152 Resp: 359455

Ion Ratio Lower Upper

152 100

115 54.8 27.6 82.8

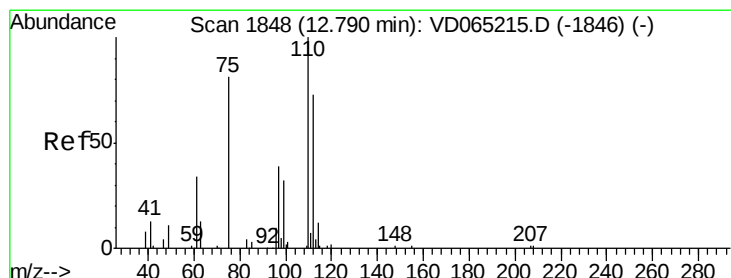
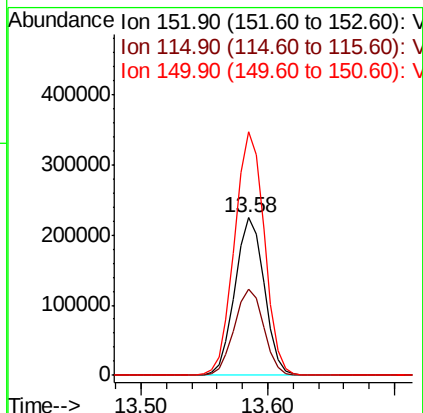
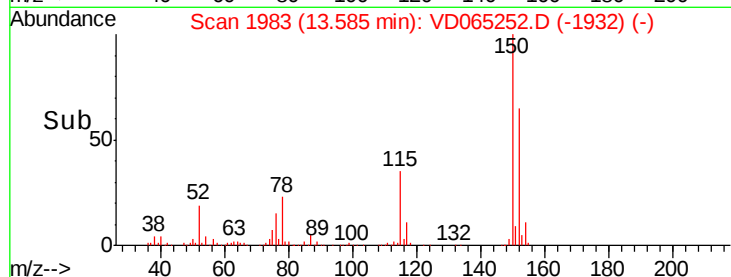
150 156.9 0.0 347.4



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: 51.335 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065252.D

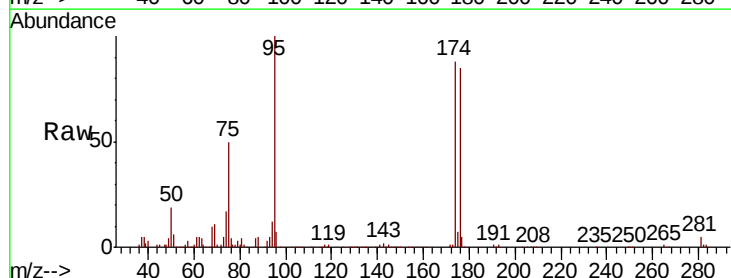
Acq: 20 Feb 2020 13:06

Tgt Ion: 75 Resp: 157000

Ion Ratio Lower Upper

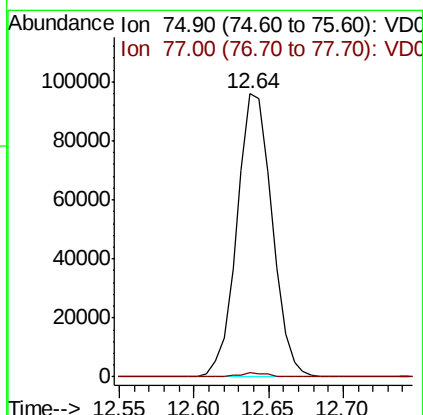
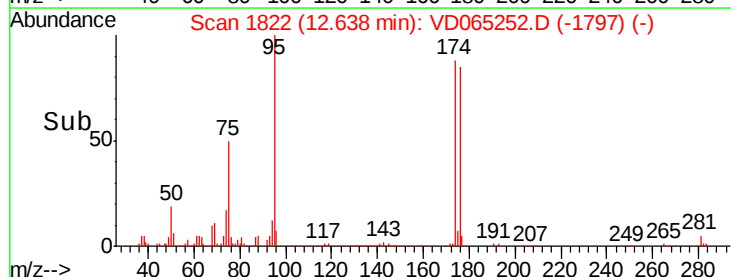
75 100

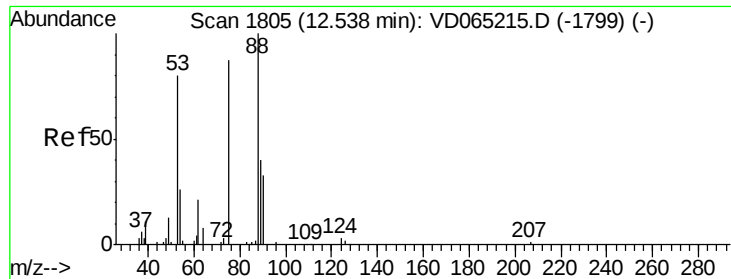
77 1.1 0.0 0.0#



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: 110.841 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065252.D

Acq: 20 Feb 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 157000

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.2 37.2 55.8#

