

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065401.D
 Acq On : 03 Mar 2020 18:26
 Operator : VA/SY
 Sample : L1774-01RE
 Misc : 7.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 04:54:13 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

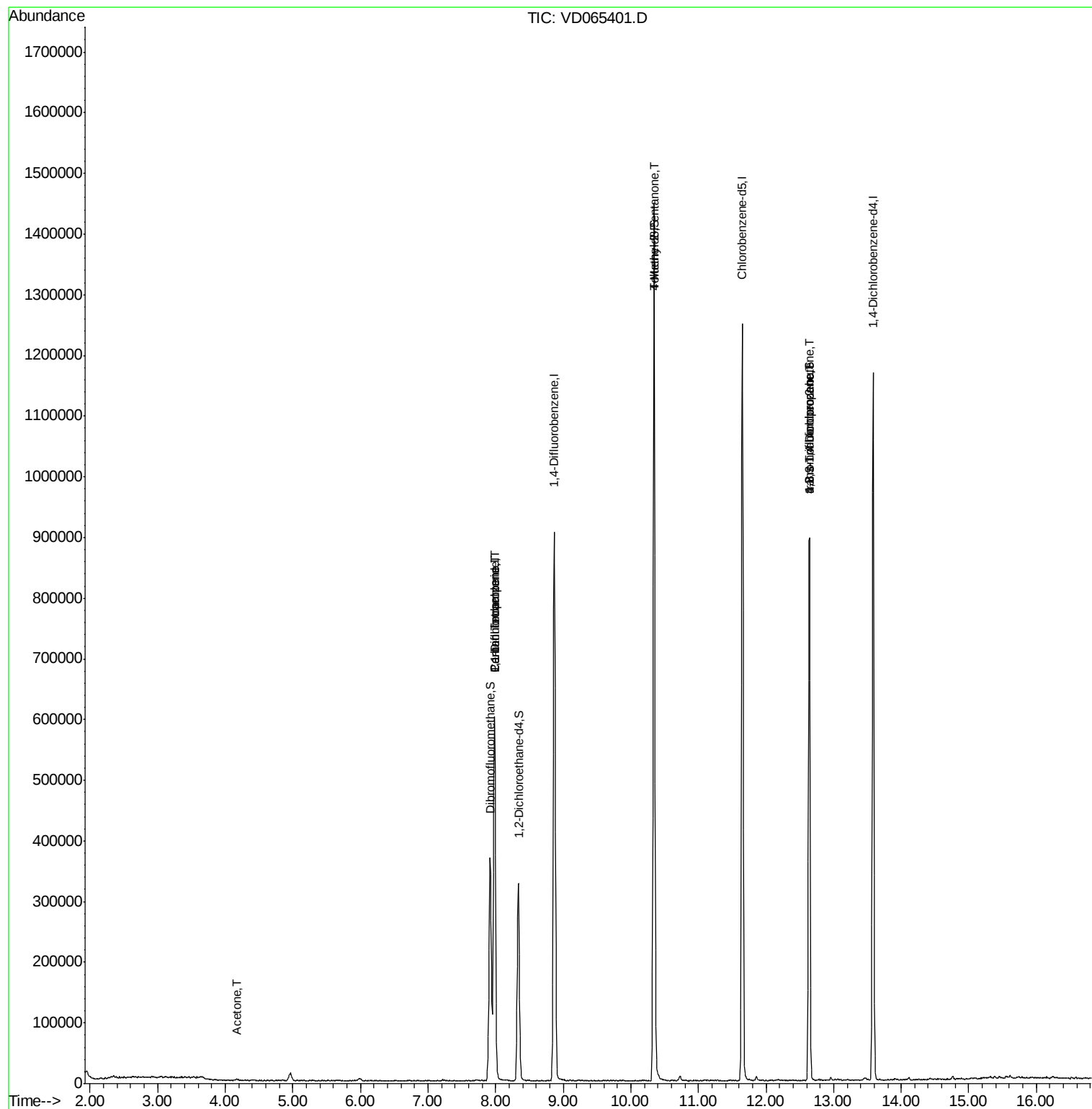
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	468324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	806133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	740867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	325012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	259123	61.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.00%	
35) Dibromofluoromethane	7.92	113	267270	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	10.34	98	973870	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.64	95	296134	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	2967	2.881	ug/l #	80
20) Methylene Chloride	4.97	84	9285	Below Cal	#	84
36) 1,1-Dichloropropene	7.99	75	34281	4.370	ug/l #	48
38) Carbon Tetrachloride	7.99	117	42998	5.385	ug/l #	16
51) 4-Methyl-2-Pentanone	10.35	43	4288	1.416	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	141092	51.022	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	141092	110.166	ug/l #	11

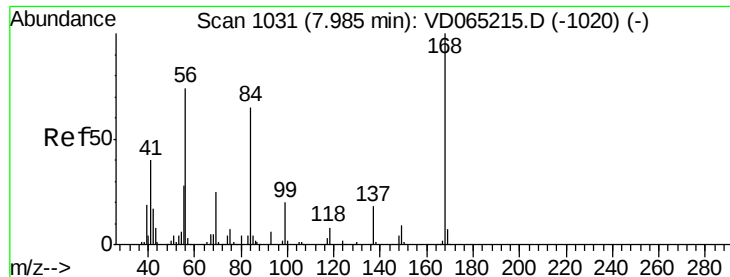
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030320\
Data File : VD065401.D
Acq On : 03 Mar 2020 18:26
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065401.D

Acq: 03 Mar 2020 18:26

Instrument :

MSVOA_D

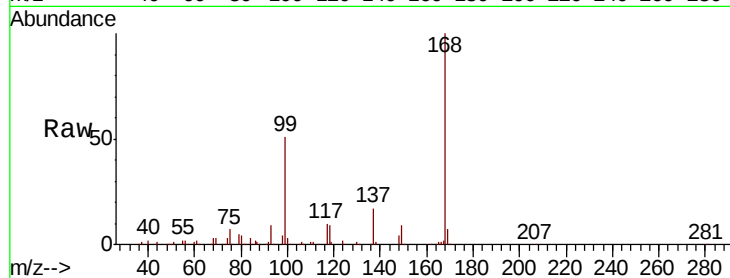
ClientSampleId :

Tot Ion:168 Resp: 468324

Ion Ratio Lower Upper

168 100

99 51.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

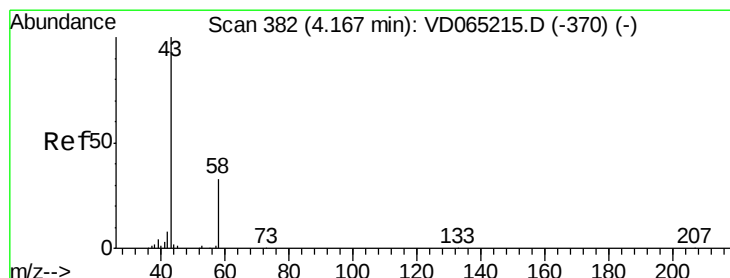
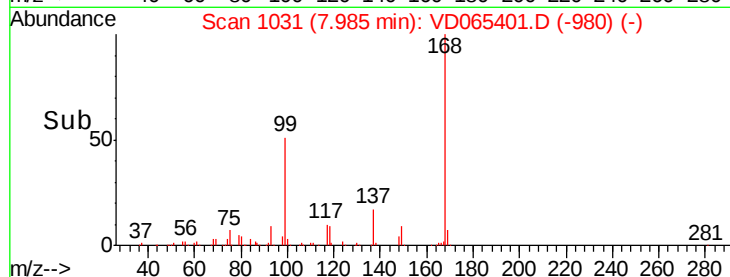
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.881 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065401.D

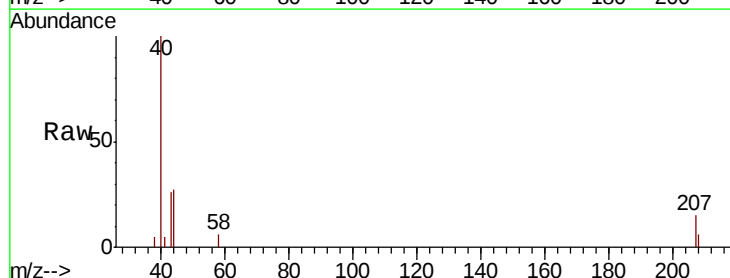
Acq: 03 Mar 2020 18:26

Tgt Ion: 43 Resp: 2967

Ion Ratio Lower Upper

43 100

58 21.5 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

1200

1000

800

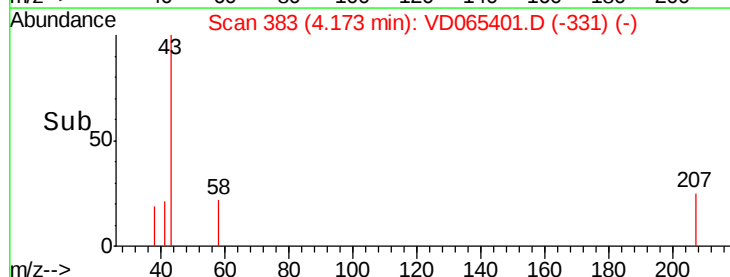
600

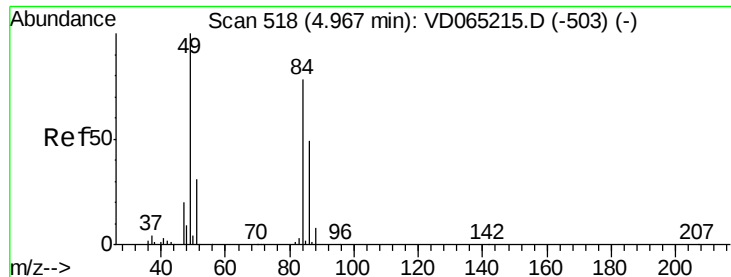
400

200

0

Time-->

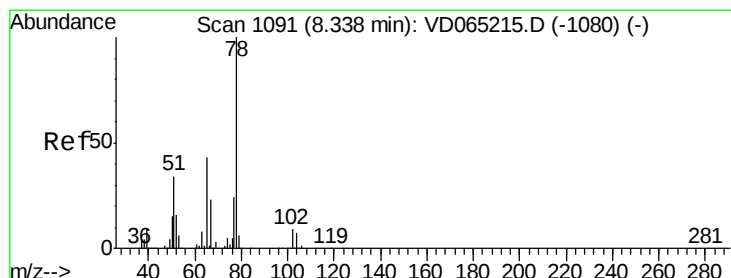
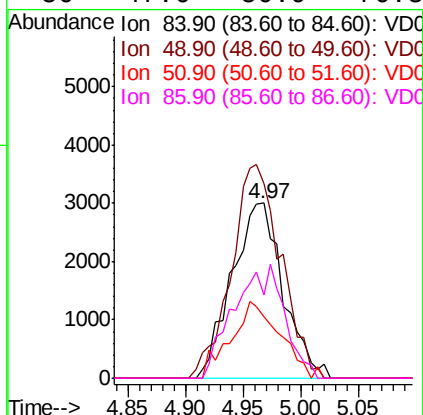
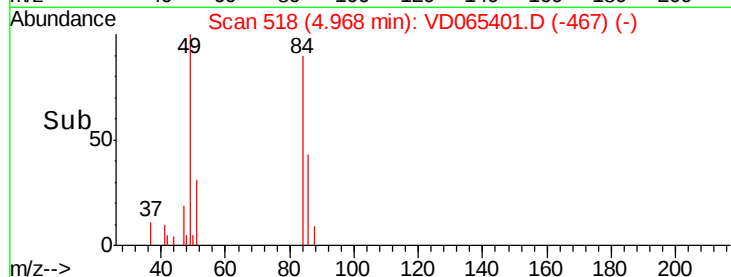
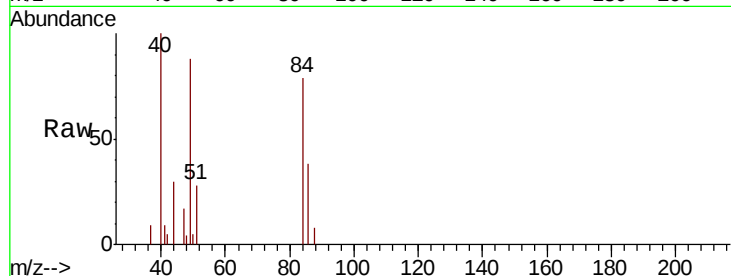




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065401.D
Acq: 03 Mar 2020 18:26

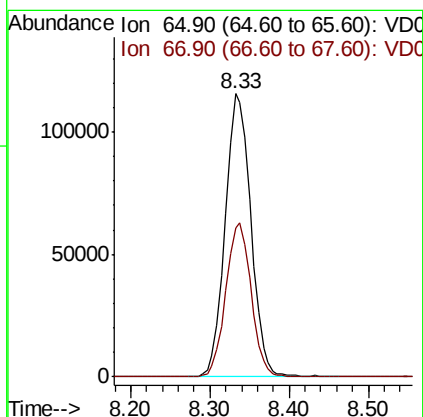
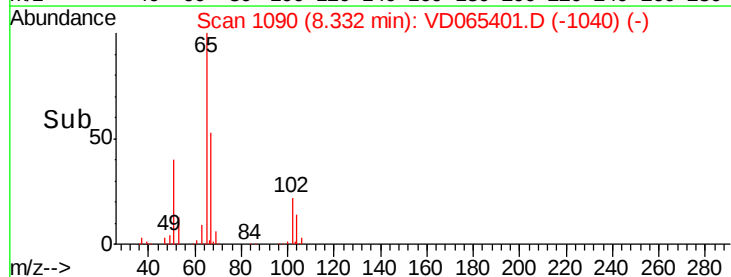
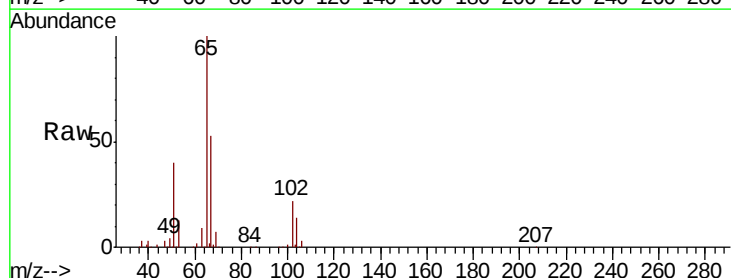
Instrument :
MSVOA_D
ClientSampled :

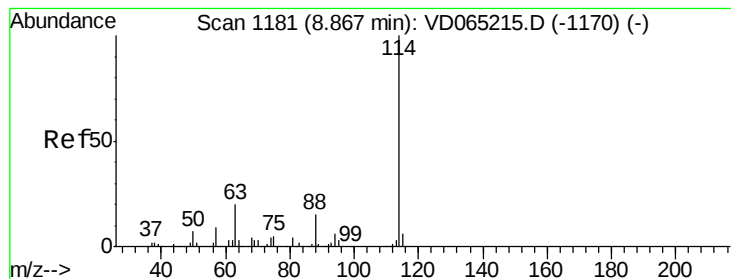
Tot Ion: 84 Resp: 9285
Ion Ratio Lower Upper
84 100
49 111.0 103.1 154.7
51 34.9 31.7 47.5
86 47.6 50.9 76.3#



#33
1,2-Dichloroethane-d4
Concen: 61.504 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065401.D
Acq: 03 Mar 2020 18:26

Tgt Ion: 65 Resp: 259123
Ion Ratio Lower Upper
65 100
67 53.8 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: VD065401.D

Acq: 03 Mar 2020 18:26

Instrument :

MSVOA_D

ClientSampled :

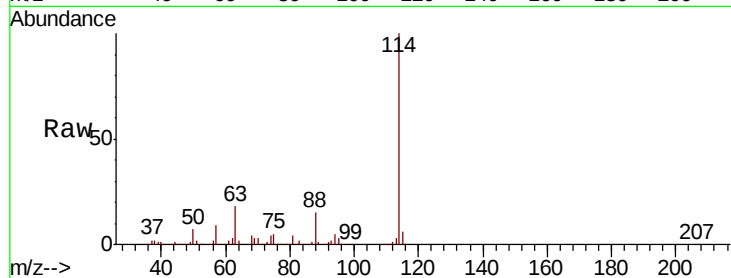
Tot Ion:114 Resp: 806133

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.4

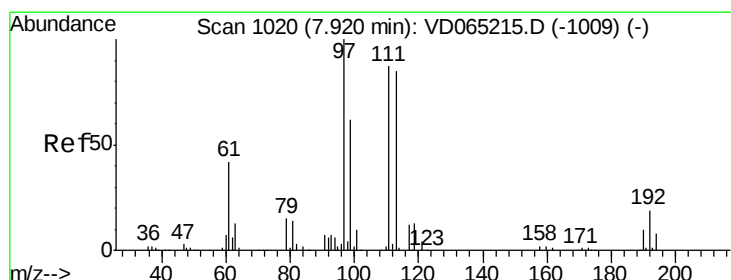
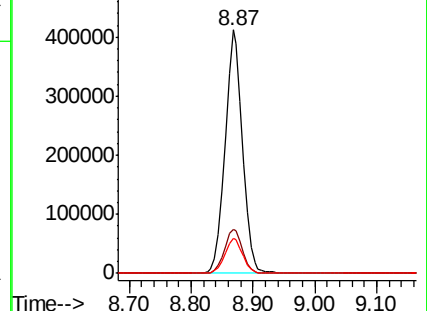
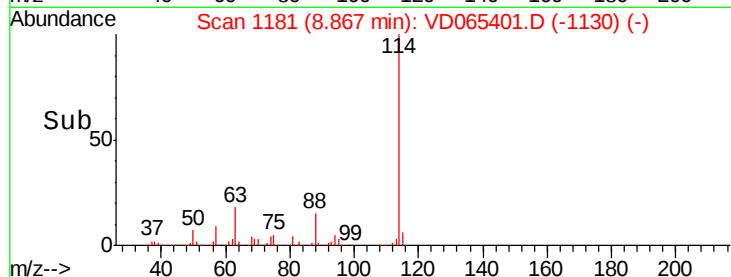
88 14.5 0.0 30.4



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: 54.375 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065401.D

Acq: 03 Mar 2020 18:26

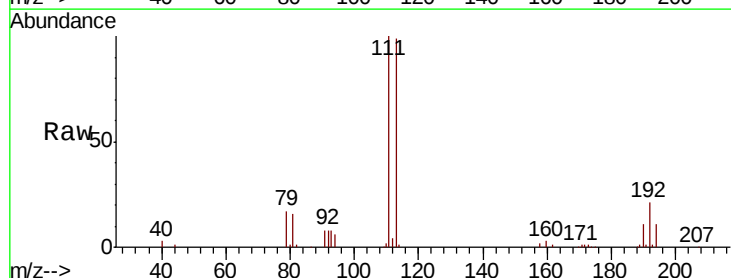
Tgt Ion:113 Resp: 267270

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

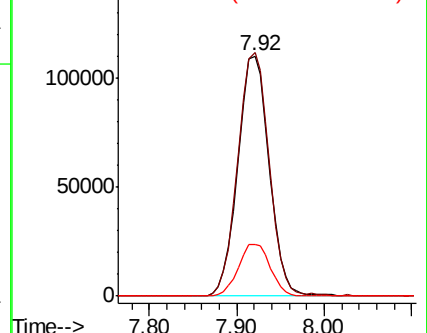
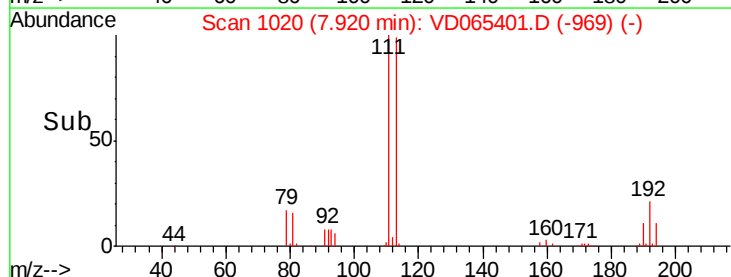
192 22.0 17.3 25.9

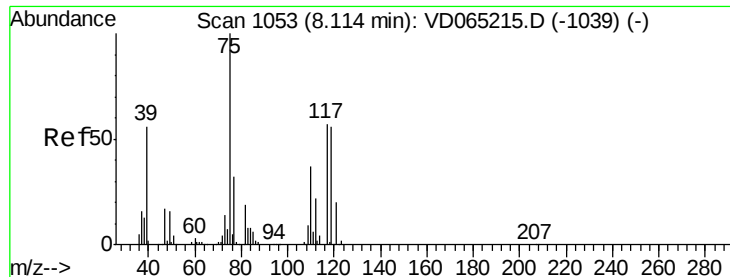


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.370 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065401.D

Acq: 03 Mar 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :

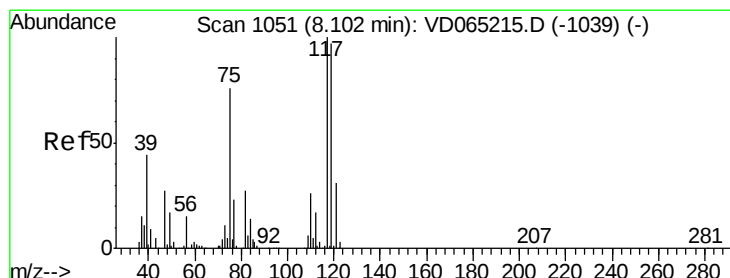
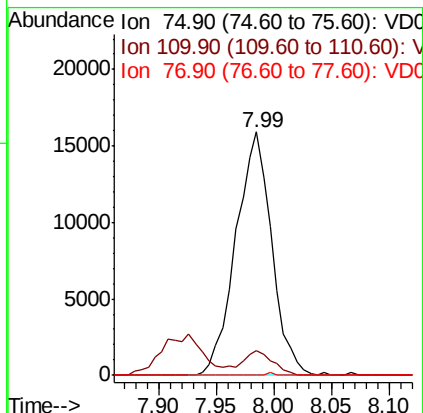
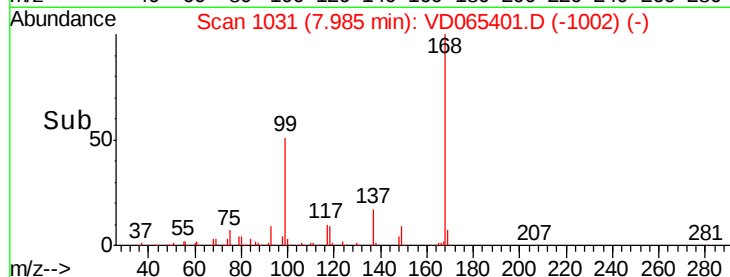
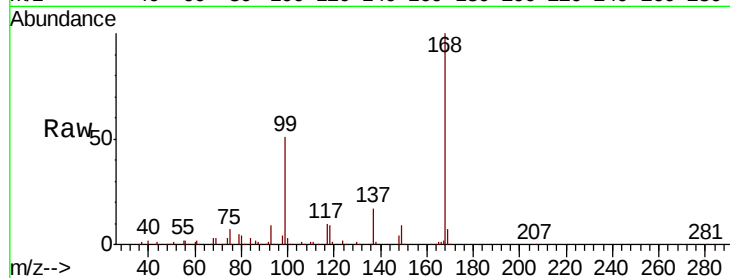
Tot Ion: 75 Resp: 34281

Ion Ratio Lower Upper

75 100

110 7.7 17.9 53.7#

77 0.2 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.385 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD065401.D

Acq: 03 Mar 2020 18:26

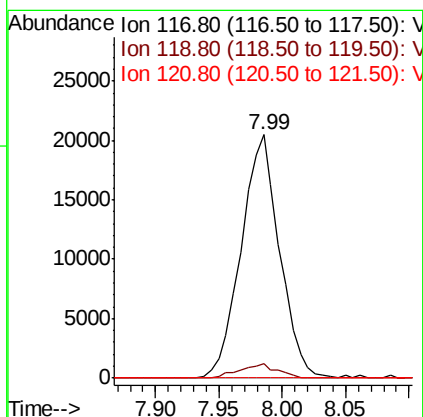
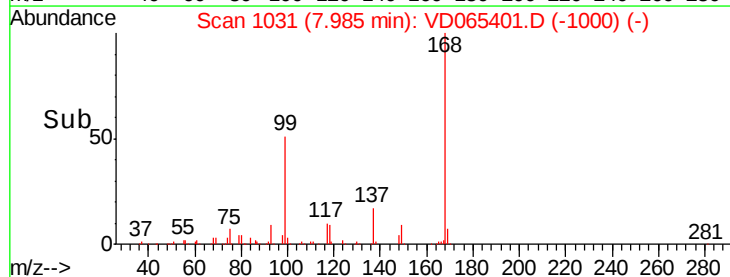
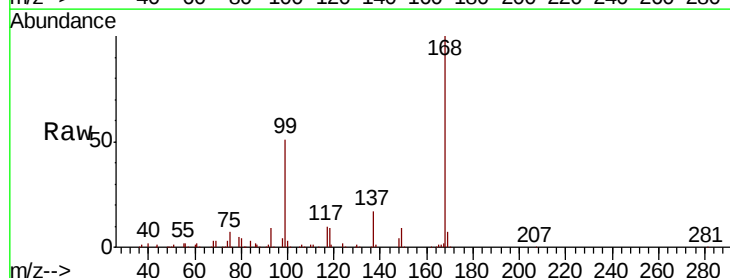
Tgt Ion: 117 Resp: 42998

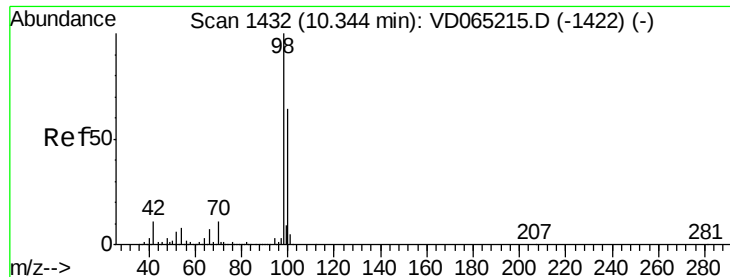
Ion Ratio Lower Upper

117 100

119 5.8 77.6 116.4#

121 0.0 24.8 37.2#

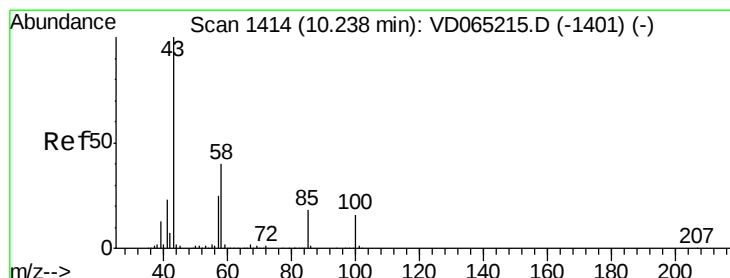
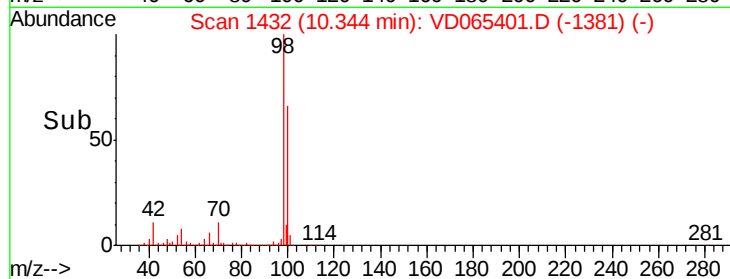
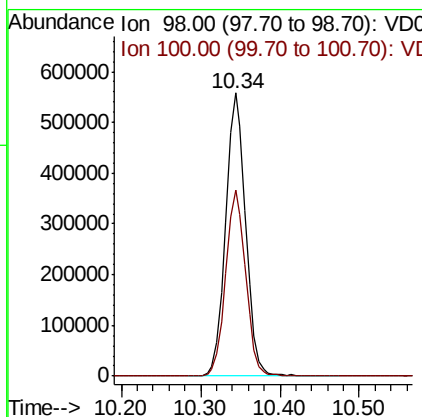
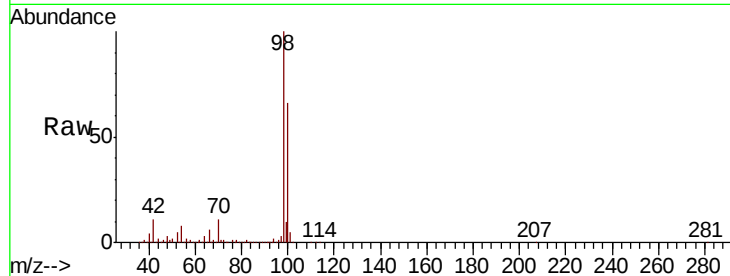




#50
Toluene-d8
Concen: 51.827 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065401.D
Acq: 03 Mar 2020 18:26

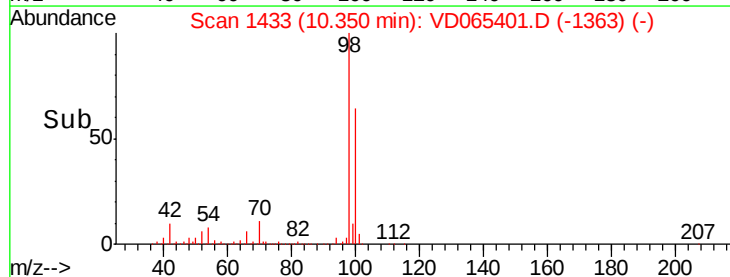
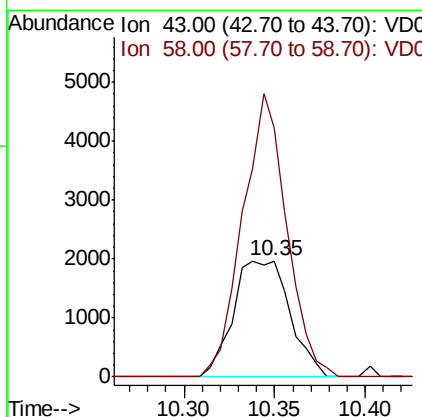
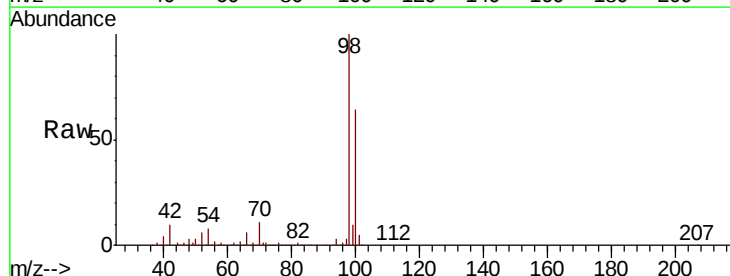
Instrument :
MSVOA_D
ClientSampleId :

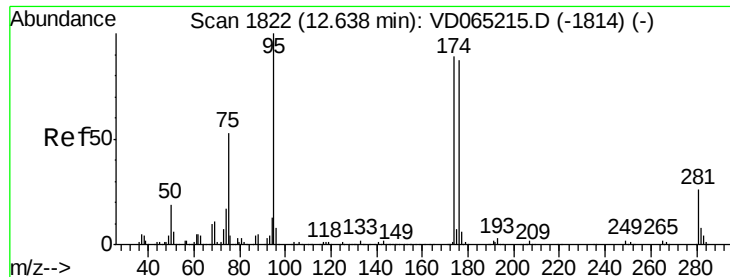
Tot Ion: 98 Resp: 973870
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.416 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.11 min
Lab File: VD065401.D
Acq: 03 Mar 2020 18:26

Tgt Ion: 43 Resp: 4288
Ion Ratio Lower Upper
43 100
58 189.5 31.1 46.7#

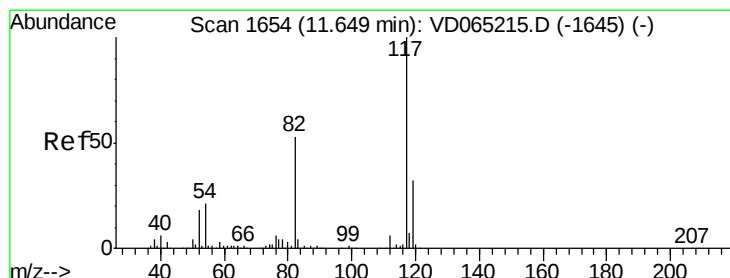
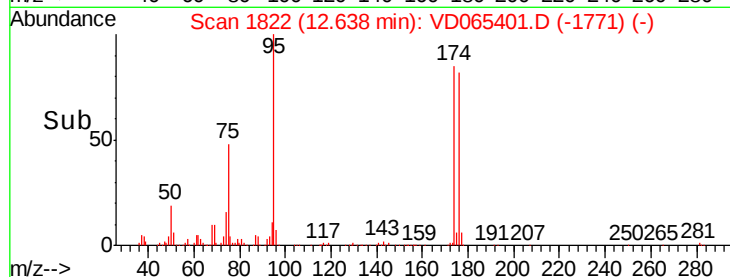
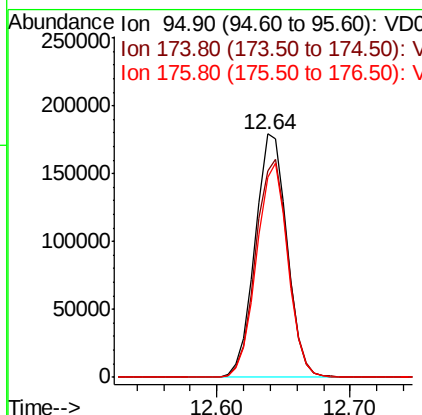
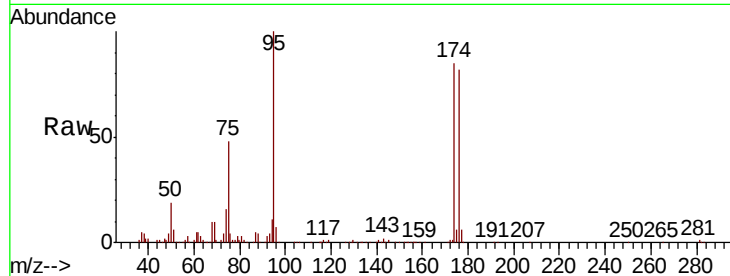




#62
4-Bromofluorobenzene
Concen: 49.747 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065401.D
Acq: 03 Mar 2020 18:26

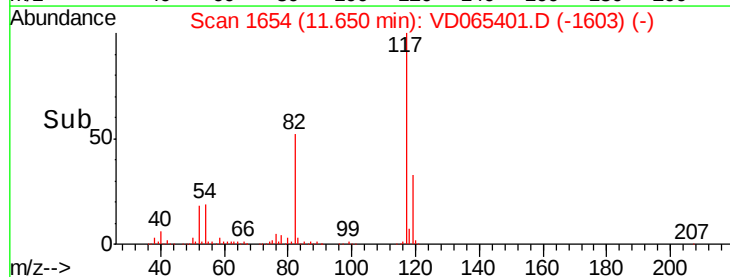
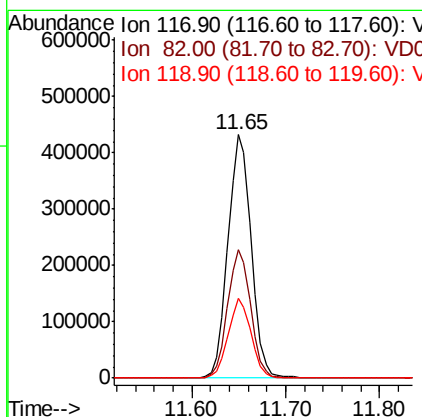
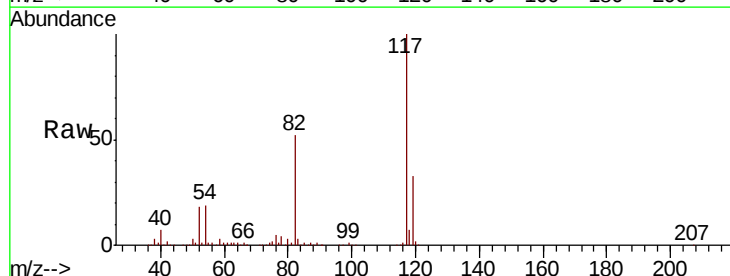
Instrument :
MSVOA_D
ClientSampleId :

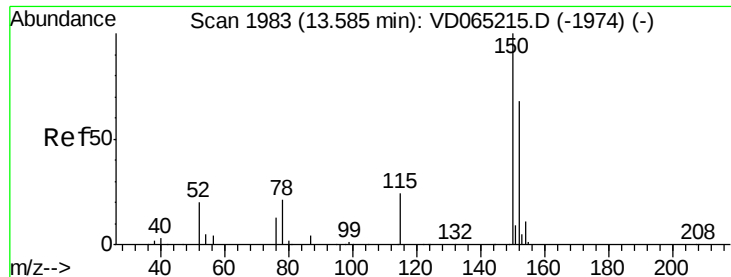
Tot Ion	95	Resp	296134
Ion Ratio	100		
Lower			
Upper			
174	91.0	0.0	178.0
176	86.3	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065401.D
Acq: 03 Mar 2020 18:26

Tgt Ion	117	Resp	740867
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	52.5	42.7	64.1
119	32.7	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065401.D

Acq: 03 Mar 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

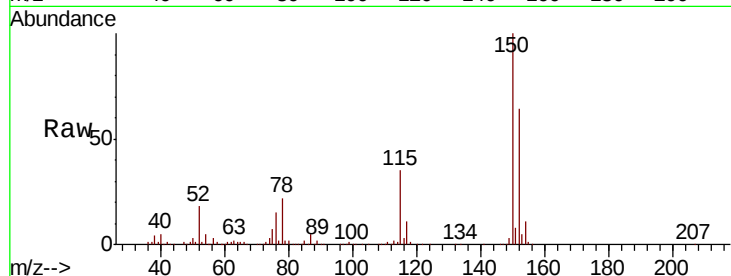
Tot Ion:152 Resp: 325012

Ion Ratio Lower Upper

152 100

115 55.5 27.6 82.8

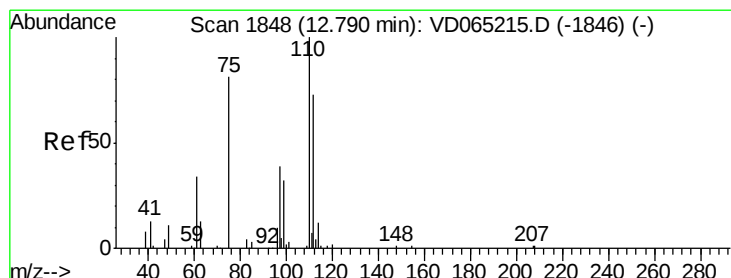
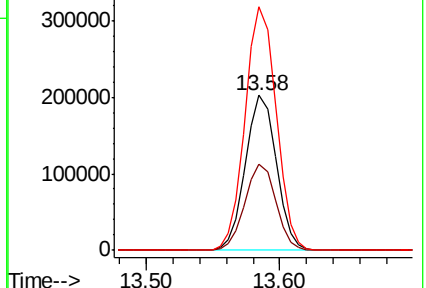
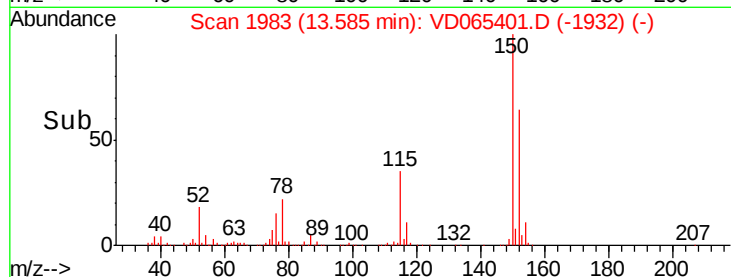
150 158.0 0.0 347.4



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: 51.022 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065401.D

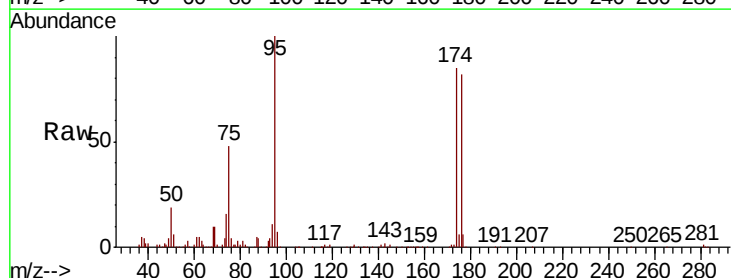
Acq: 03 Mar 2020 18:26

Tgt Ion: 75 Resp: 141092

Ion Ratio Lower Upper

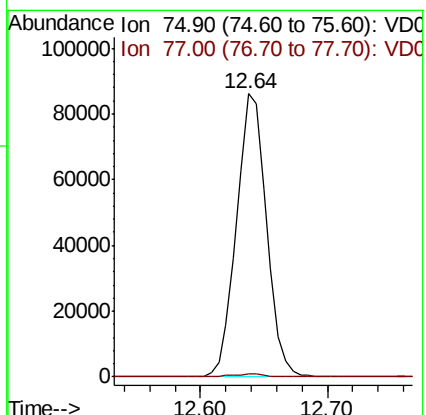
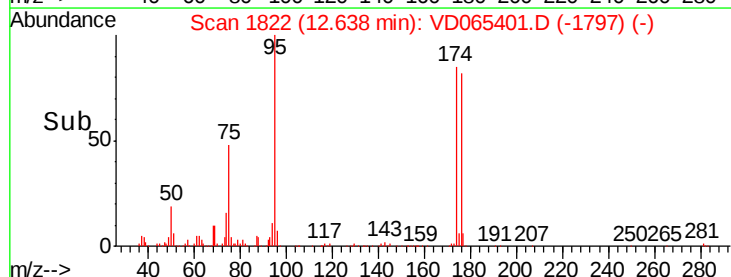
75 100

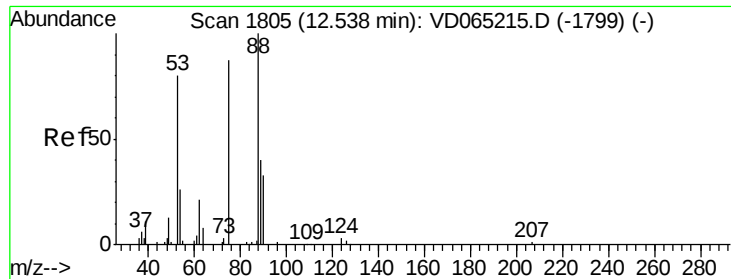
77 1.2 0.0 0.0#



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: 110.166 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065401.D

Acq: 03 Mar 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

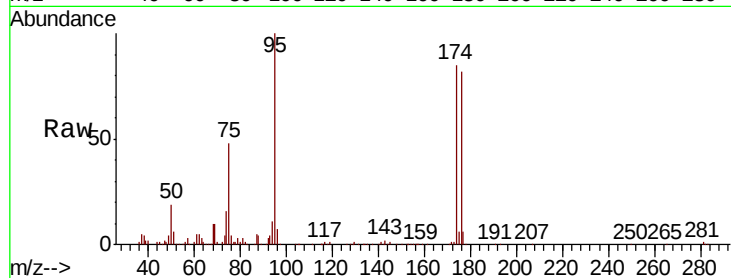
Tot Ion: 75 Resp: 141092

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.2 37.2 55.8#



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

