

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022720\
 Data File : VD065343.D
 Acq On : 27 Feb 2020 14:29
 Operator : VA/SY
 Sample : L1718-04
 Misc : 5.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 28 00:35:31 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

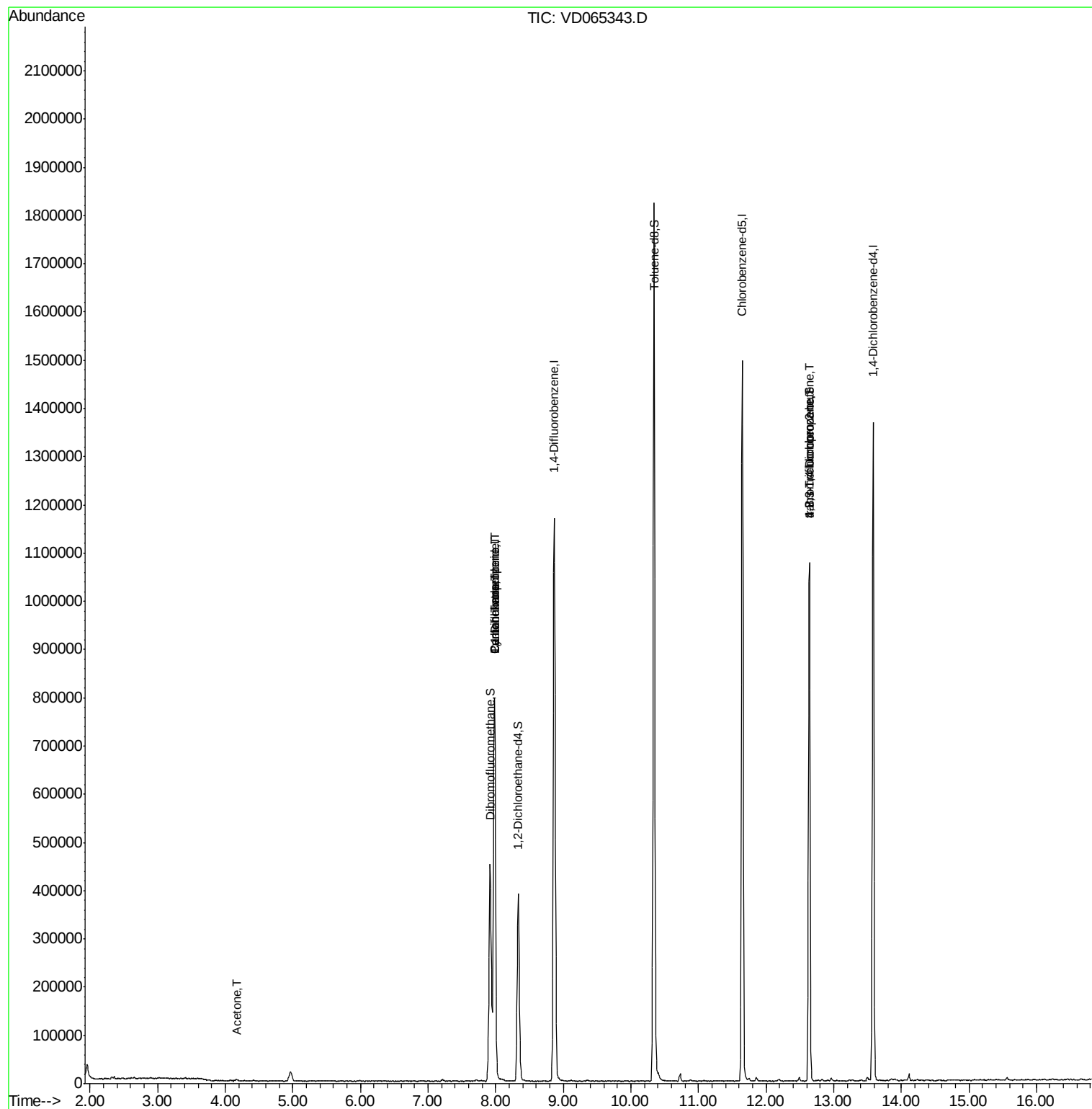
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	629546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1036332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	902553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	379034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	307527	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
35) Dibromofluoromethane	7.92	113	324024	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	10.34	98	1232676	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.64	95	354209	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
Target Compounds						
16) Acetone	4.17	43	5169	3.734	ug/l	89
20) Methylene Chloride	4.97	84	15577	Below Cal		84
31) Cyclohexane	7.98	56	13371	1.201	ug/l #	11
36) 1,1-Dichloropropene	7.98	75	43787	4.342	ug/l #	50
38) Carbon Tetrachloride	7.98	117	57749	5.626	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	172436	53.470	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	172436	115.450	ug/l #	11

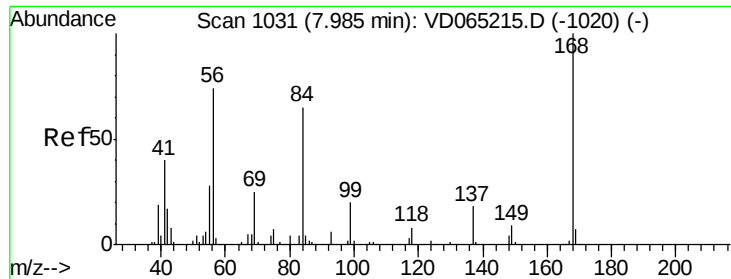
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065343.D

Acq: 27 Feb 2020 14:29

Instrument :

MSVOA_D

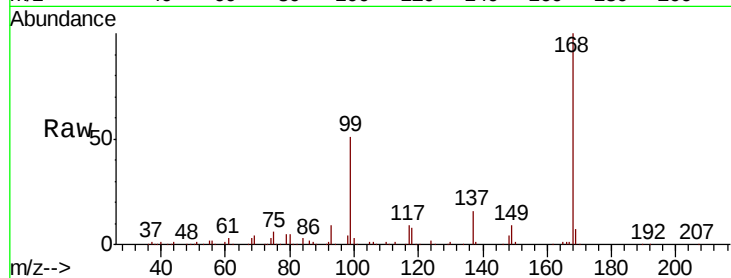
ClientSampleId :

Tot Ion:168 Resp: 629546

Ion Ratio Lower Upper

168 100

99 51.3 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

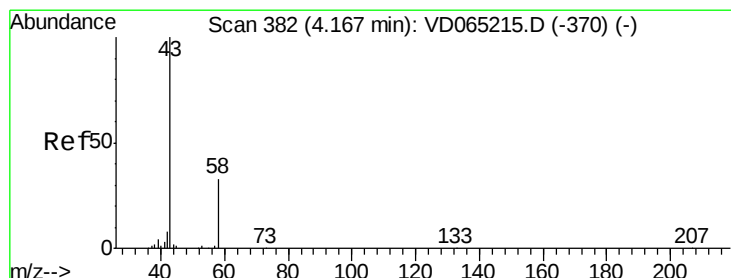
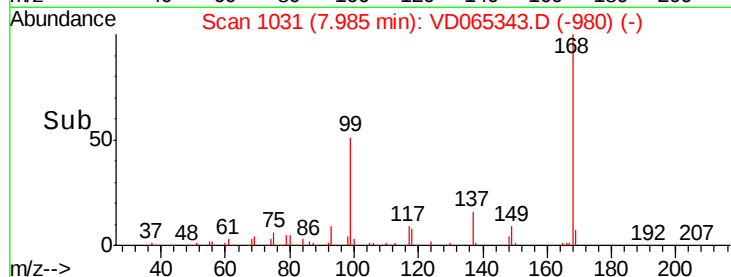
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.734 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065343.D

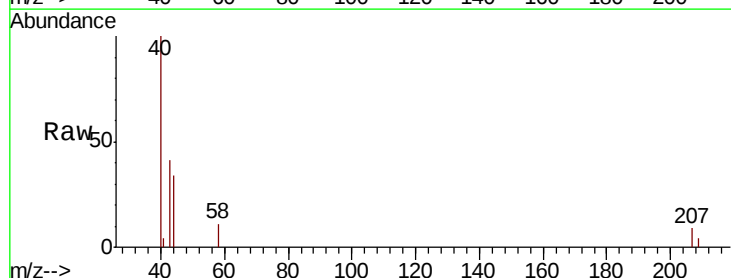
Acq: 27 Feb 2020 14:29

Tgt Ion: 43 Resp: 5169

Ion Ratio Lower Upper

43 100

58 26.5 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

2000

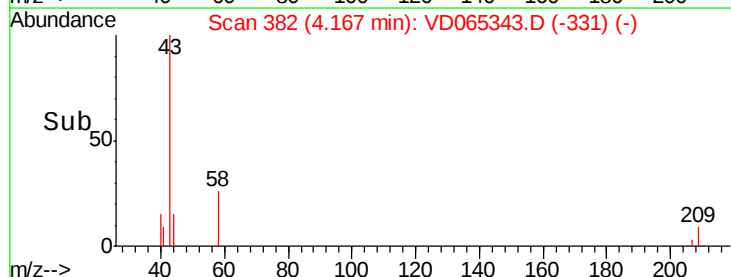
1500

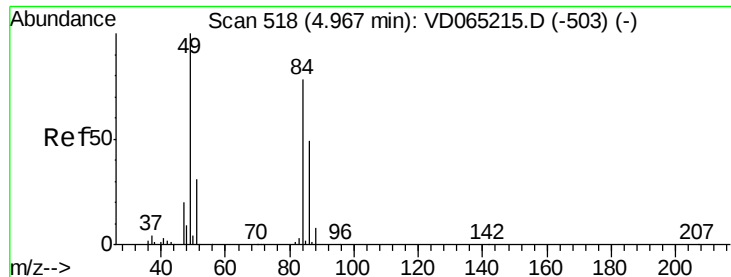
1000

500

0

Time-->

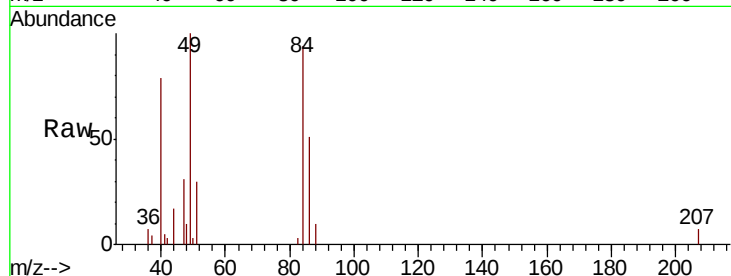




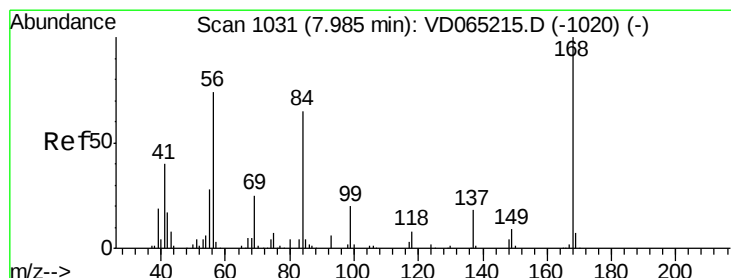
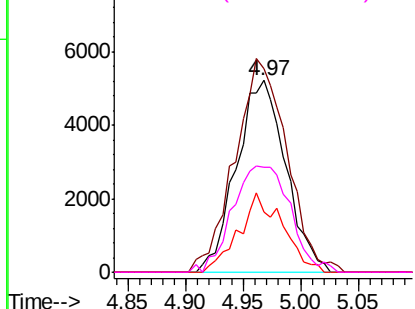
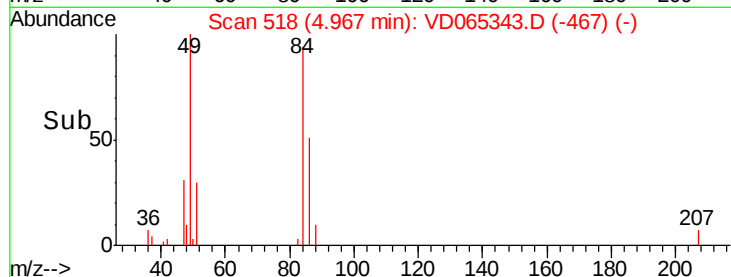
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065343.D
Acq: 27 Feb 2020 14:29

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 15577
Ion Ratio Lower Upper
84 100
49 105.8 103.1 154.7
51 31.7 31.7 47.5
86 54.4 50.9 76.3

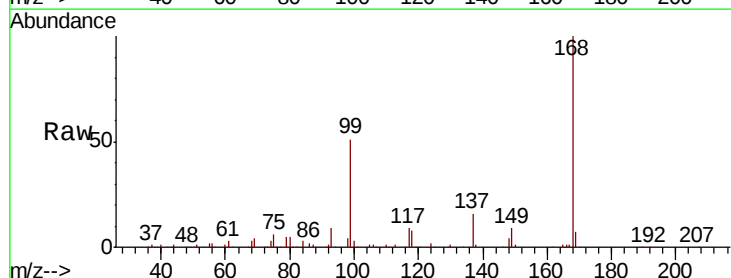


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

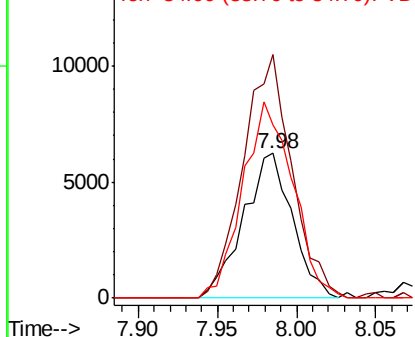
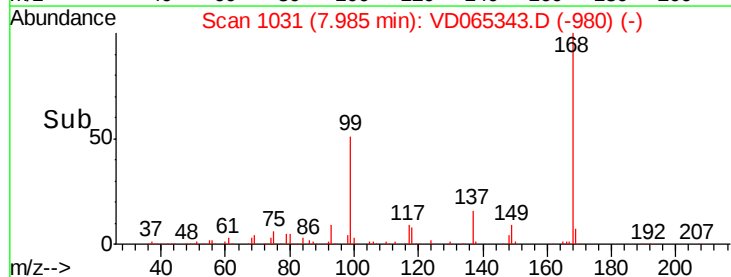


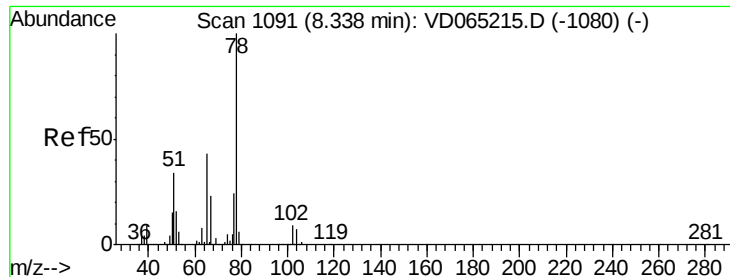
#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065343.D
Acq: 27 Feb 2020 14:29

Tgt Ion: 56 Resp: 13371
Ion Ratio Lower Upper
56 100
69 168.3 27.4 41.0#
84 119.8 71.1 106.7#



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

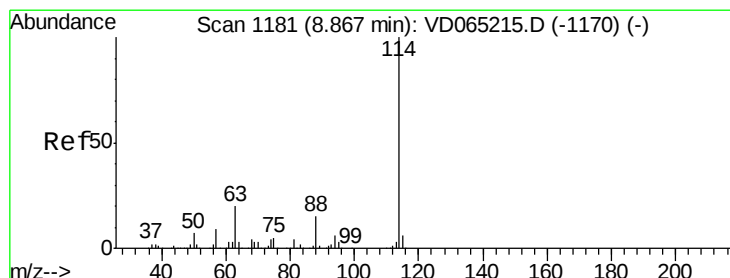
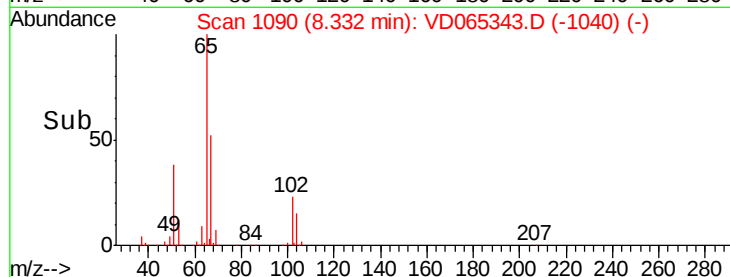
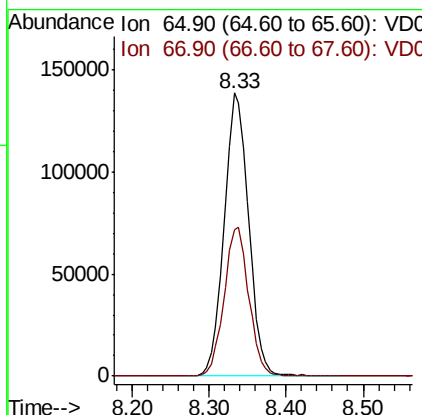
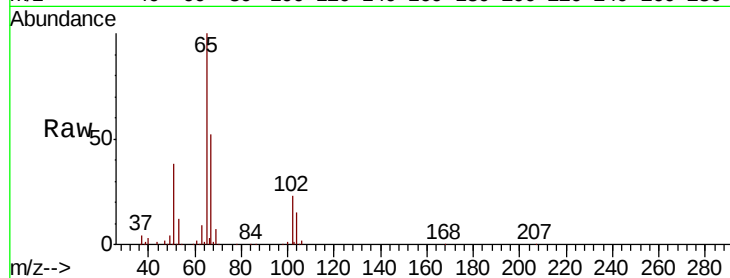




#33
 1,2-Dichloroethane-d4
 Concen: 54.300 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065343.D
 Acq: 27 Feb 2020 14:29

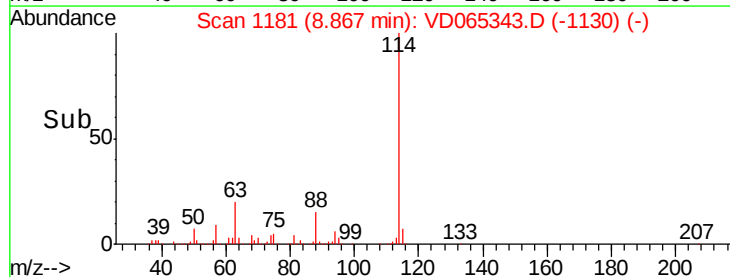
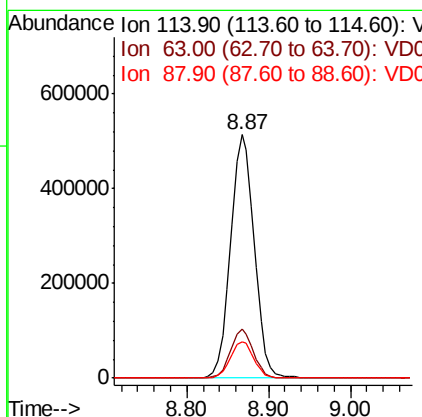
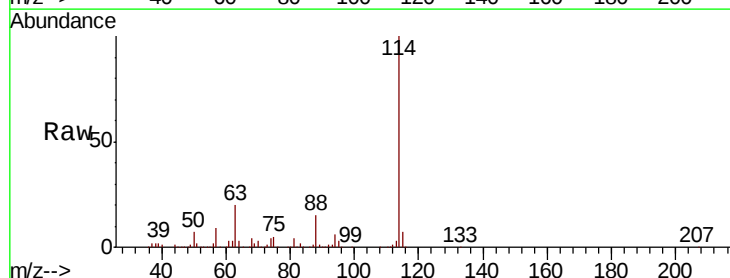
Instrument :
 MSVOA_D
 ClientSampleId :

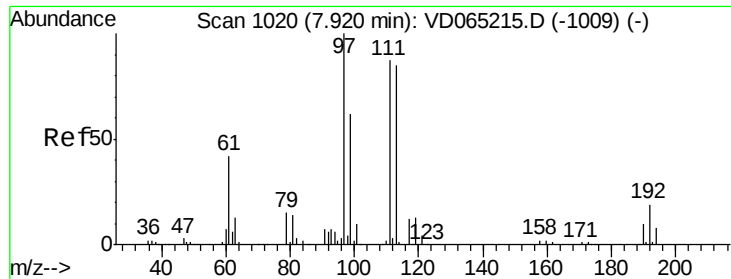
Tot Ion: 65 Resp: 307527
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065343.D
 Acq: 27 Feb 2020 14:29

Tgt Ion: 114 Resp: 1036332
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.2 0.0 30.4

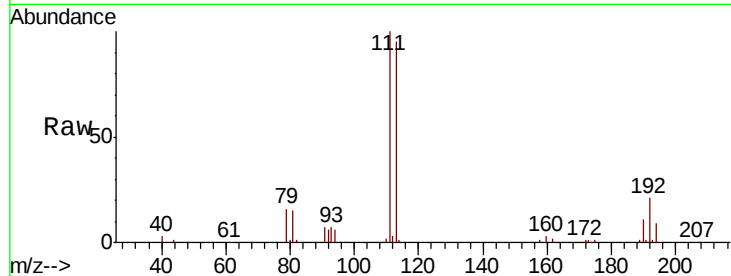




#35
 Dibromofluoromethane
 Concen: 51.278 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065343.D
 Acq: 27 Feb 2020 14:29

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	21.9	17.3	25.9

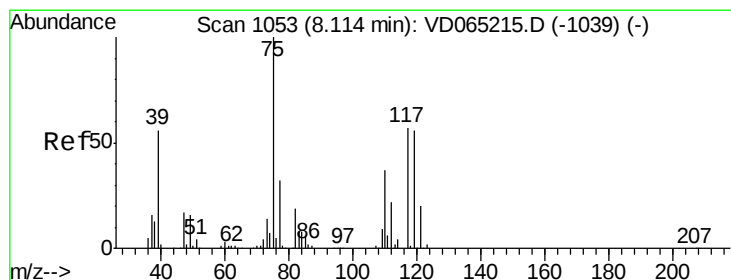
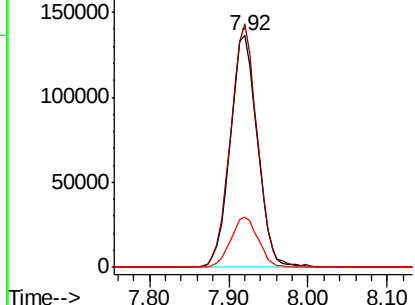
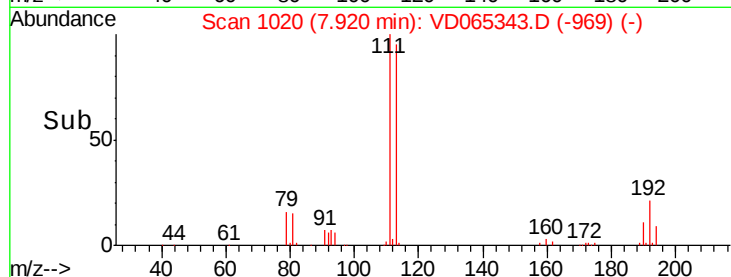


Abundance

Ion 112.80 (112.50 to 113.50): V

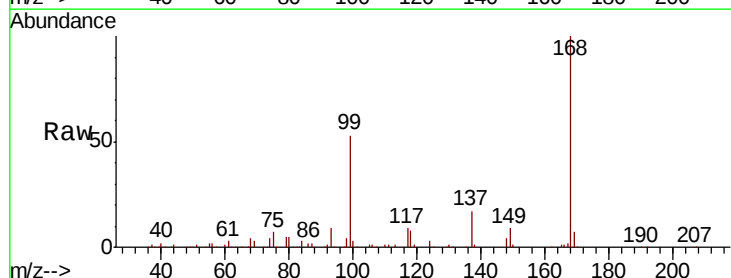
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.342 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065343.D
 Acq: 27 Feb 2020 14:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.9	53.7#
77	0.2	25.1	37.7#

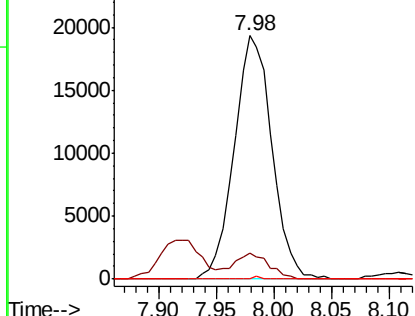
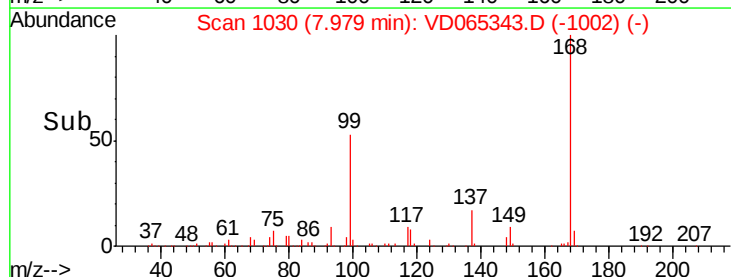


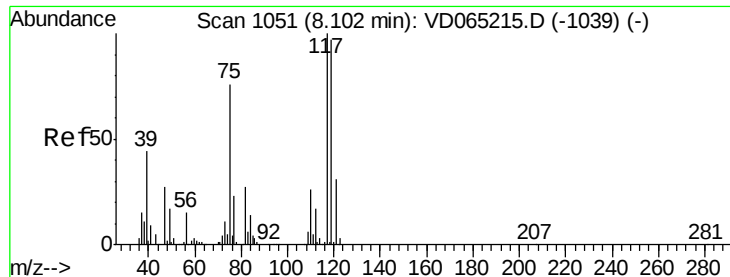
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

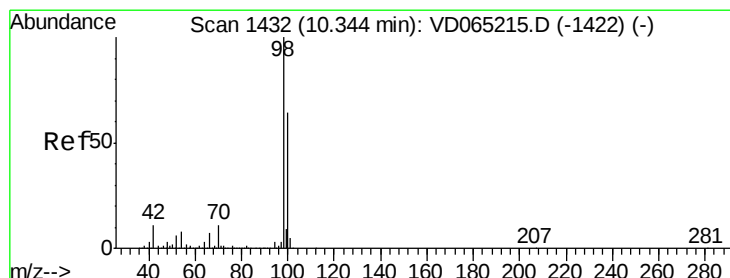
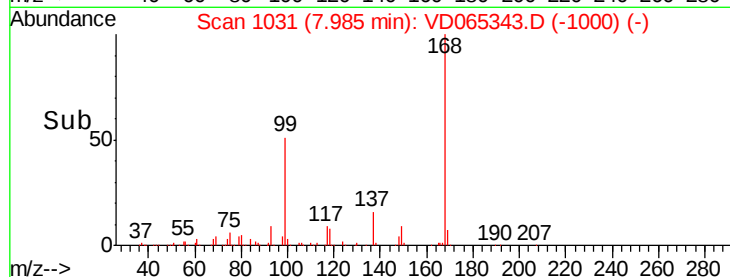
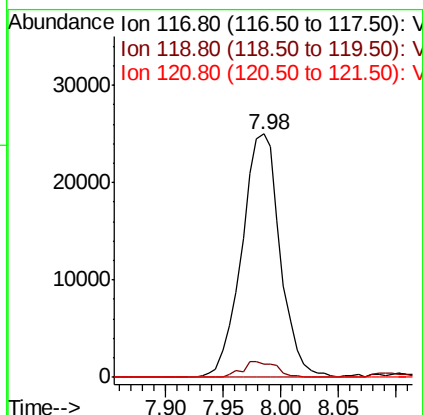
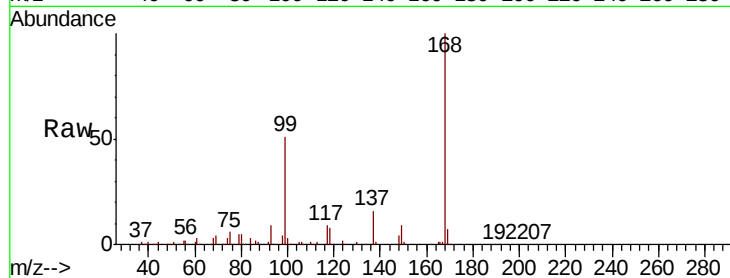




#38
Carbon Tetrachloride
Concen: 5.626 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065343.D
Acq: 27 Feb 2020 14:29

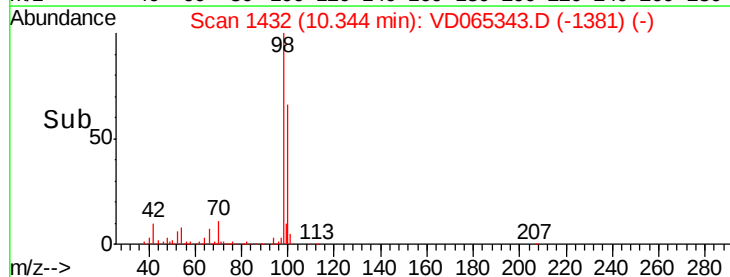
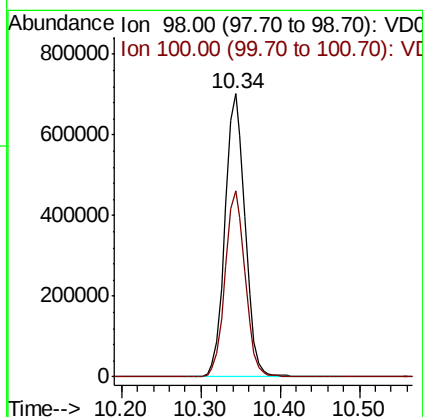
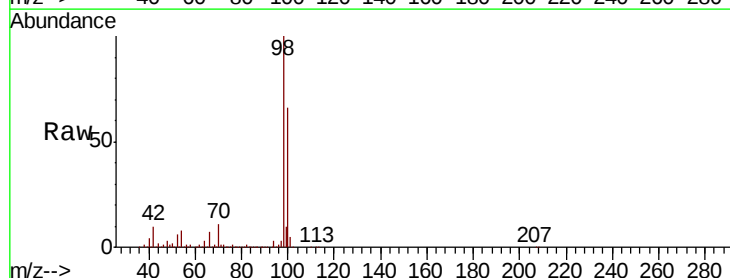
Instrument :
MSVOA_D
ClientSampleId :

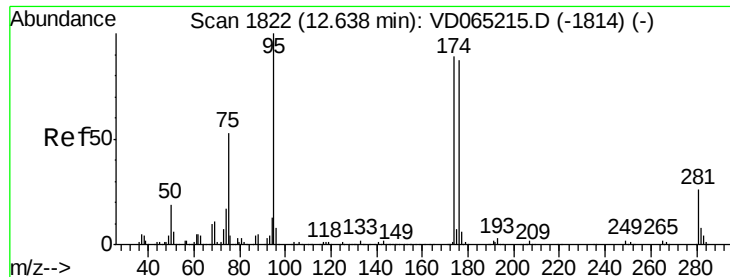
Tot Ion:117 Resp: 57749
Ion Ratio Lower Upper
117 100
119 5.2 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.028 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065343.D
Acq: 27 Feb 2020 14:29

Tgt Ion: 98 Resp: 1232676
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.286 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065343.D

Acq: 27 Feb 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

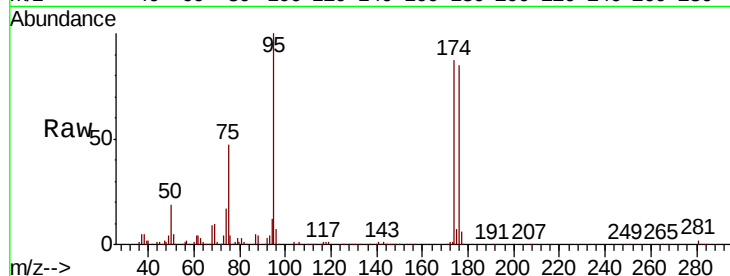
Tot Ion: 95 Resp: 354209

Ion Ratio Lower Upper

95 100

174 87.7 0.0 178.0

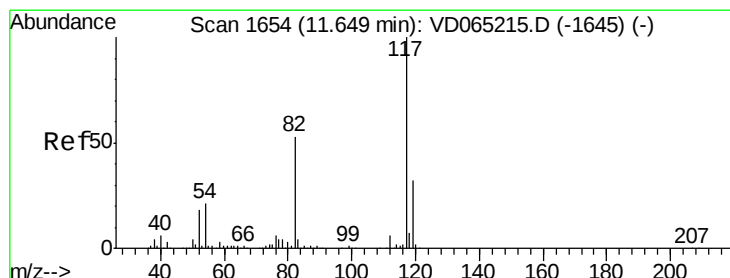
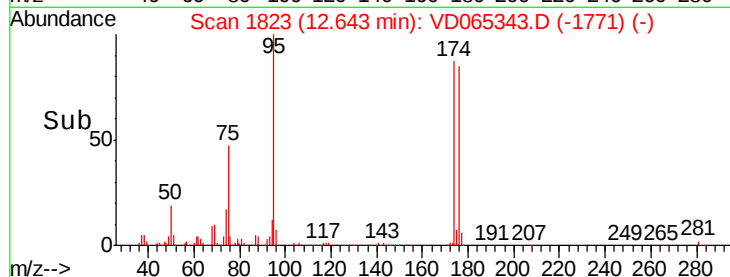
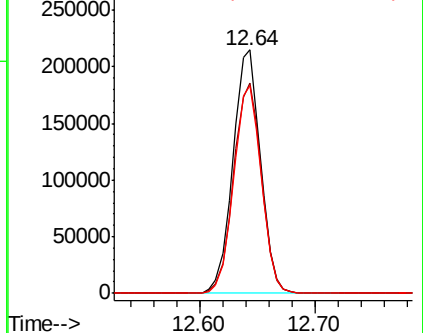
176 85.4 0.0 174.4



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: VD065343.D

Acq: 27 Feb 2020 14:29

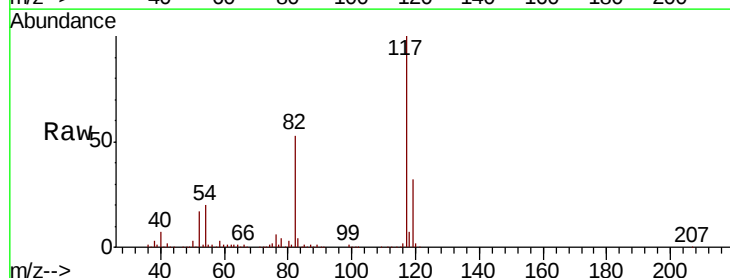
Tgt Ion: 117 Resp: 902553

Ion Ratio Lower Upper

117 100

82 53.1 42.7 64.1

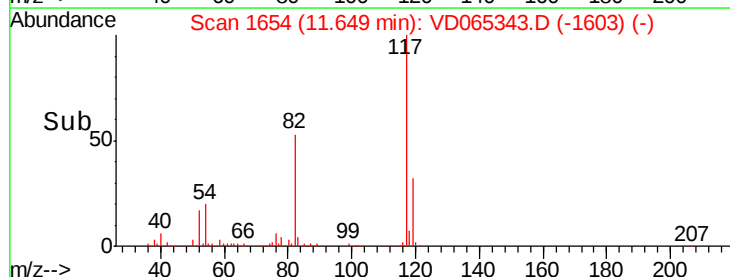
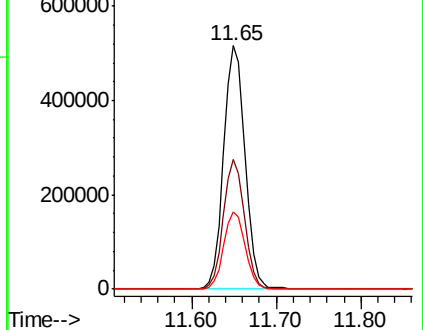
119 31.7 25.5 38.3

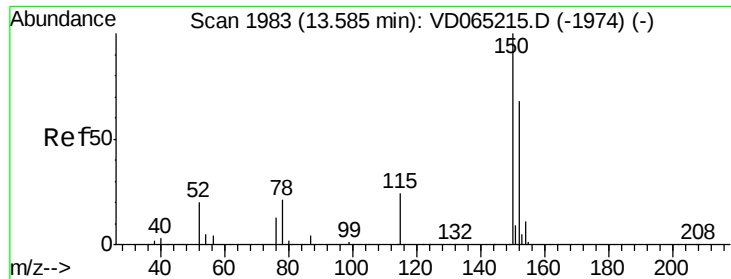


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065343.D

Acq: 27 Feb 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

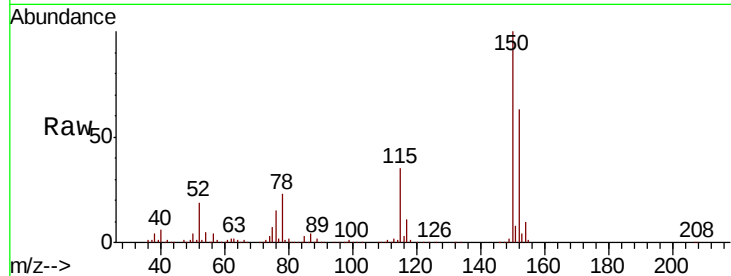
Tot Ion:152 Resp: 379034

Ion Ratio Lower Upper

152 100

115 56.1 27.6 82.8

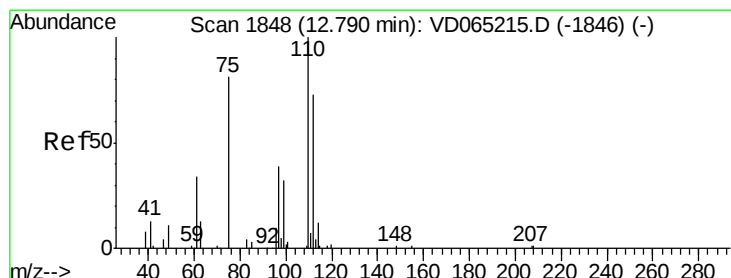
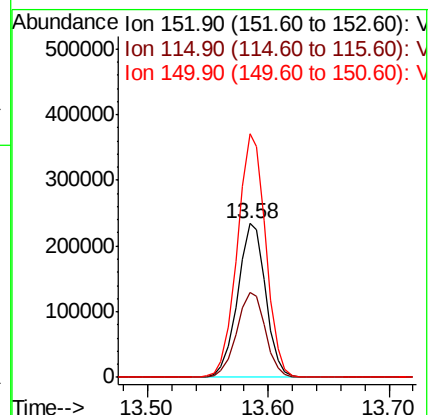
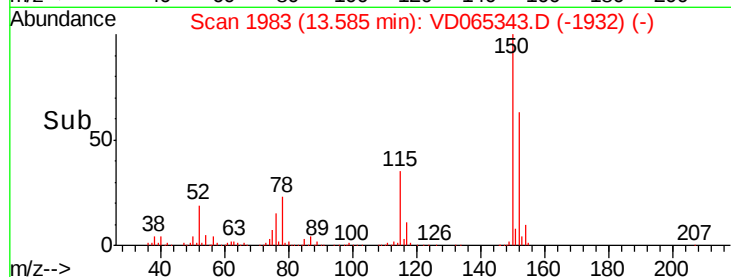
150 160.0 0.0 347.4



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: 53.470 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065343.D

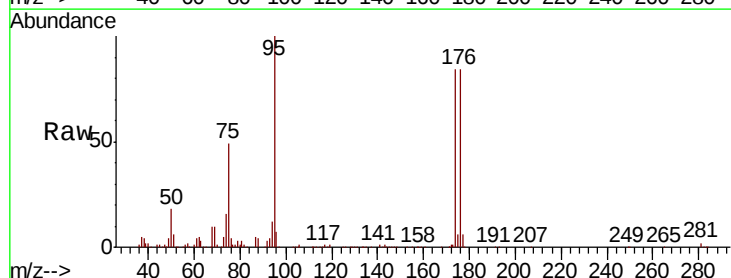
Acq: 27 Feb 2020 14:29

Tgt Ion: 75 Resp: 172436

Ion Ratio Lower Upper

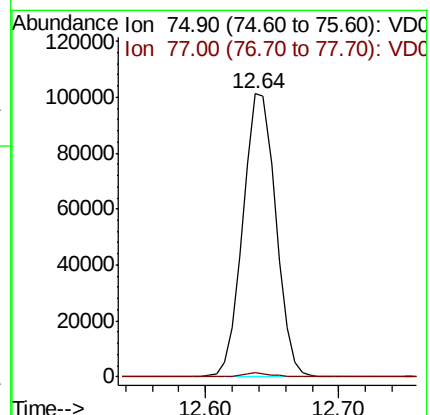
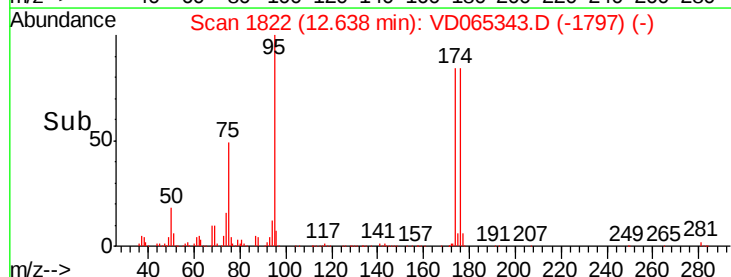
75 100

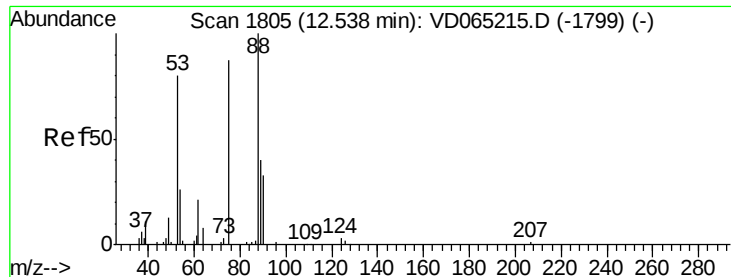
77 1.2 0.0 0.0#



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: 115.450 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065343.D

Acq: 27 Feb 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

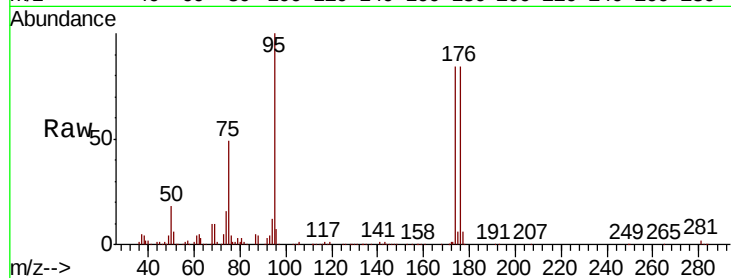
Tot Ion: 75 Resp: 172436

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.0 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

