

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065323.D
 Acq On : 26 Feb 2020 12:55
 Operator : VA/SY
 Sample : L1675-02
 Misc : 7.47G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 27 08:01:47 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

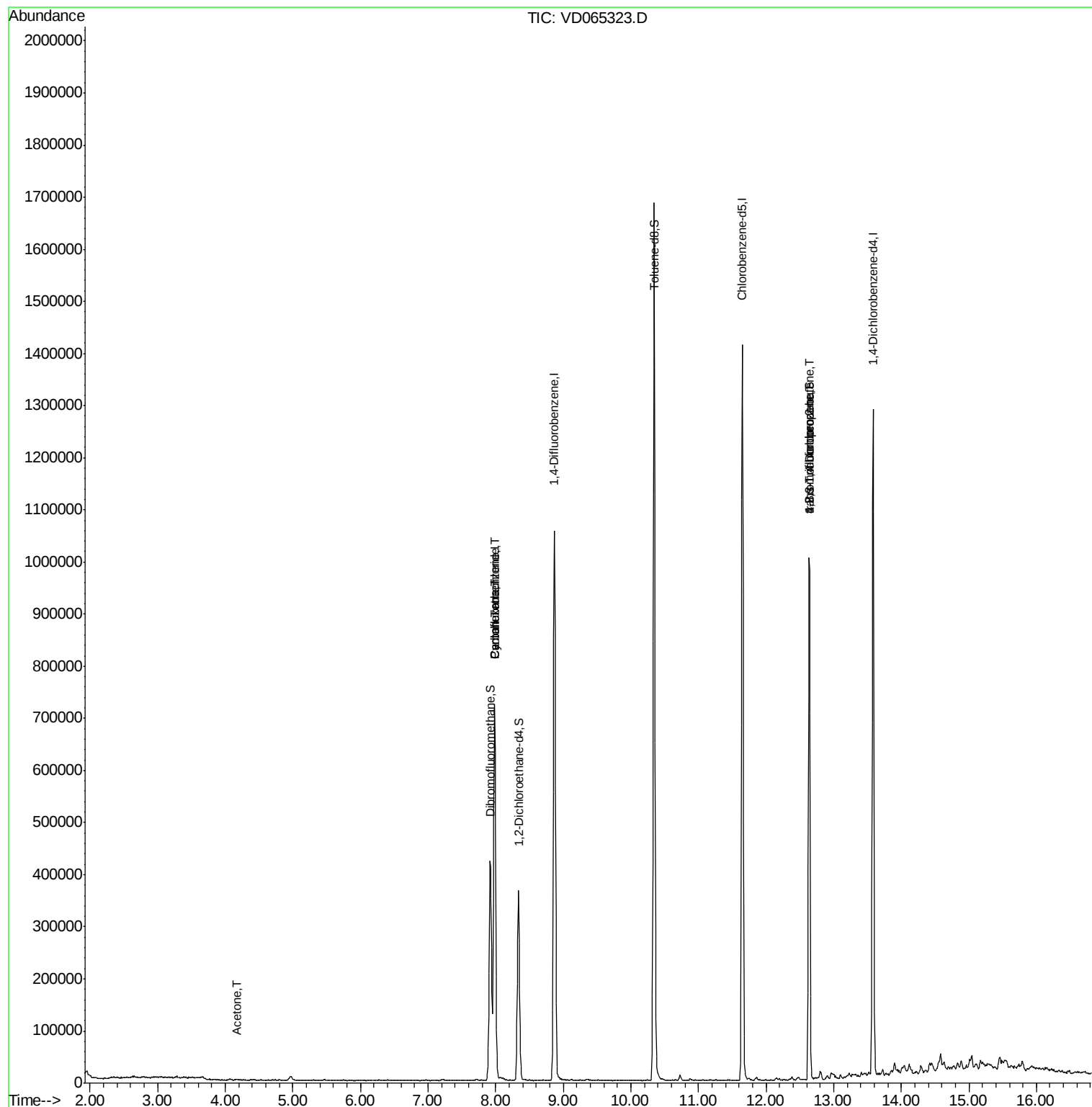
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	543921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	939892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	828035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	349298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	286710	58.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.18%	
35) Dibromofluoromethane	7.92	113	304706	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
50) Toluene-d8	10.34	98	1127503	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.64	95	324465	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
					Qvalue	
13) Acrolein	3.92	56	57	Below Cal	#	14
16) Acetone	4.18	43	1458	1.219	ug/l #	65
20) Methylene Chloride	4.95	84	3028	Below Cal	#	78
31) Cyclohexane	7.98	56	11390	1.184	ug/l #	5
38) Carbon Tetrachloride	7.98	117	52160	5.603	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	160178	53.897	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	160178	116.373	ug/l #	11

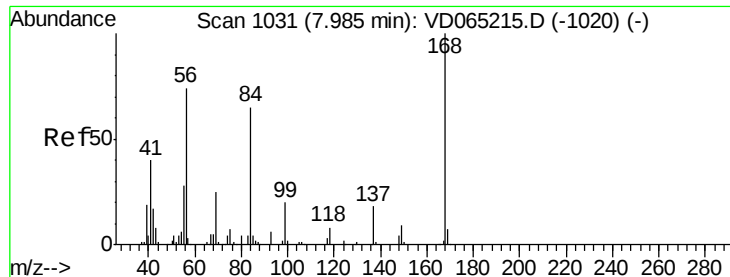
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065323.D

Acq: 26 Feb 2020 12:55

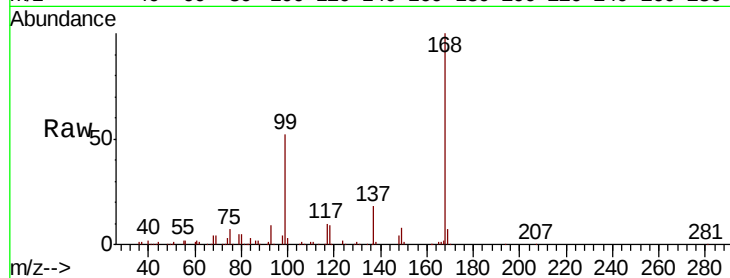
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 543921

Ion Ratio Lower Upper

168 100

99 52.2 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

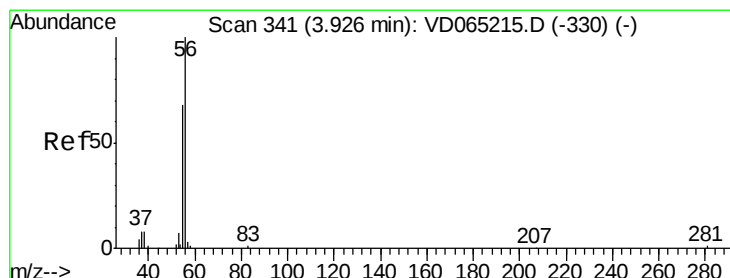
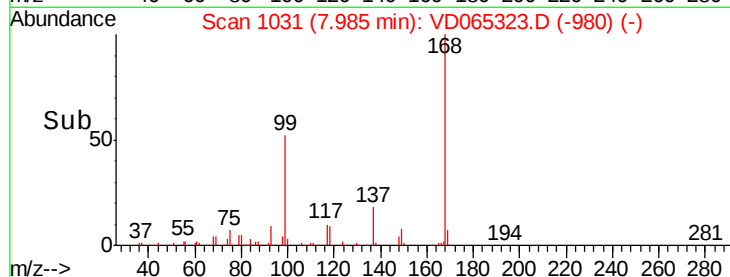
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065323.D

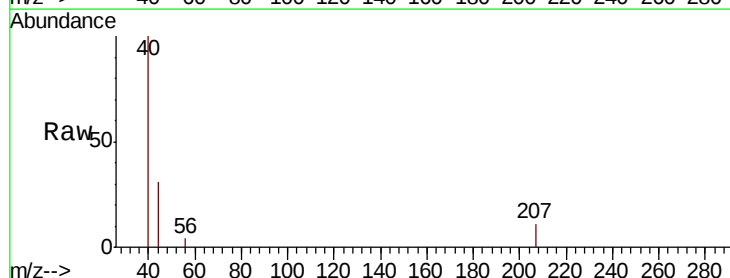
Acq: 26 Feb 2020 12:55

Tgt Ion: 56 Resp: 57

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

3.92

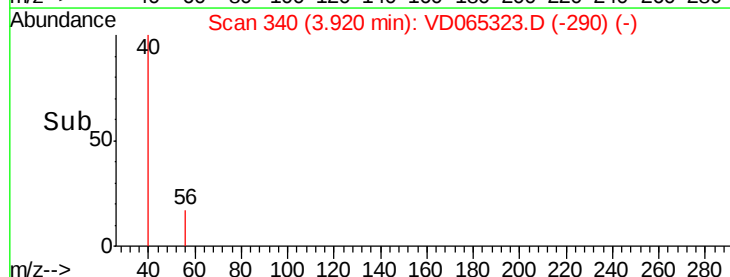
150

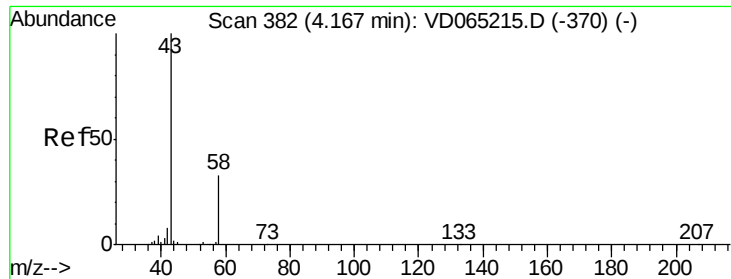
100

50

0

Time-->





#16

Acetone

Concen: 1.219 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD065323.D

Acq: 26 Feb 2020 12:55

Instrument :

MSVOA_D

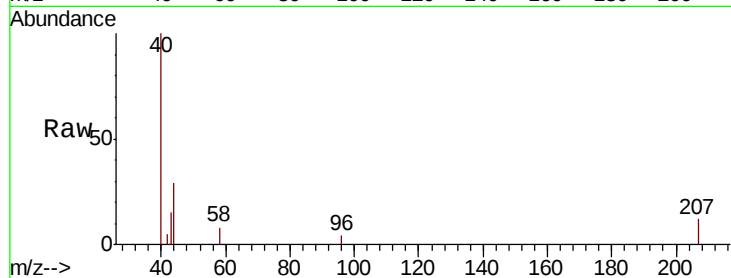
ClientSampleId :

Tot Ion: 43 Resp: 1458

Ion Ratio Lower Upper

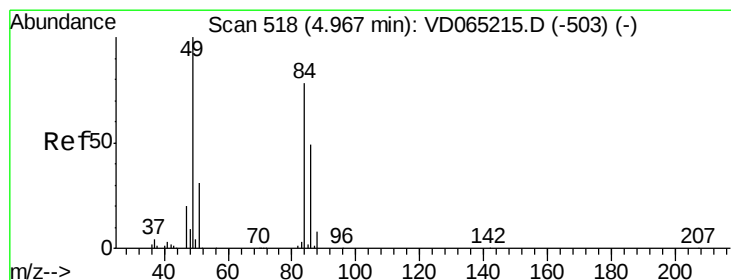
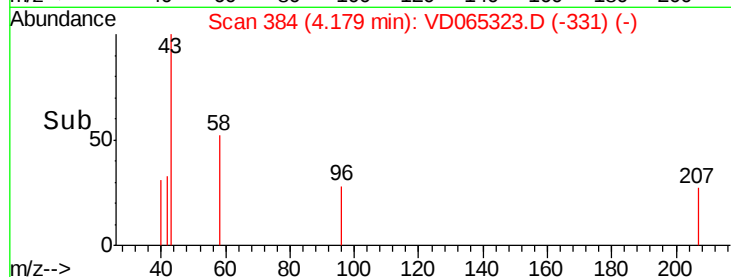
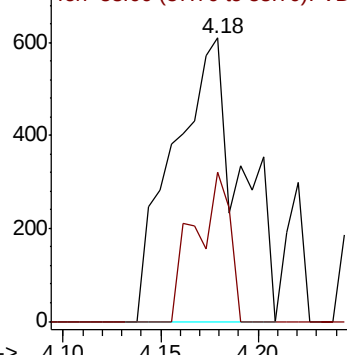
43 100

58 52.5 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.95 min Scan# 515

Delta R.T. -0.02 min

Lab File: VD065323.D

Acq: 26 Feb 2020 12:55

Tgt Ion: 84 Resp: 3028

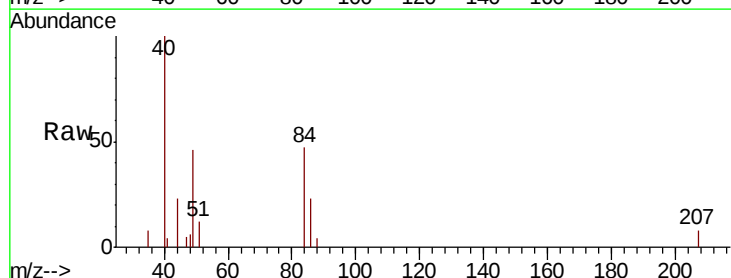
Ion Ratio Lower Upper

84 100

49 99.9 103.1 154.7#

51 26.3 31.7 47.5#

86 49.7 50.9 76.3#

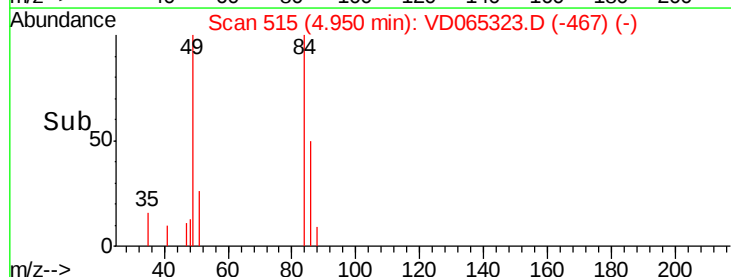
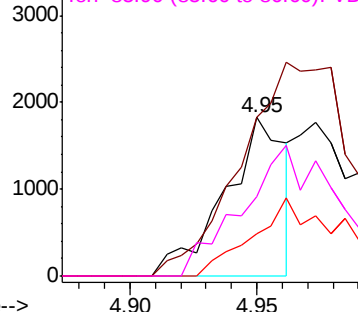


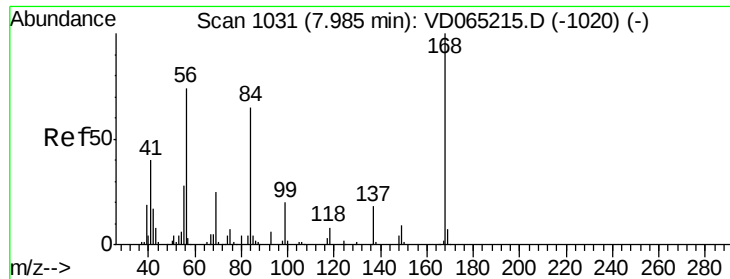
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

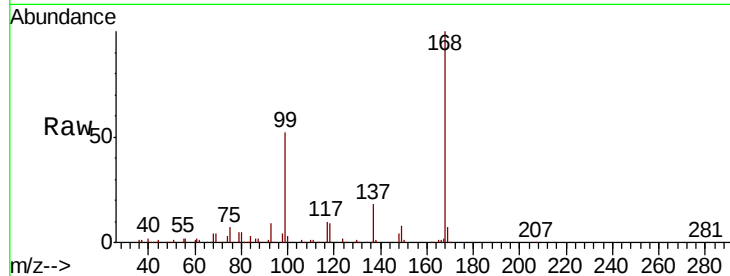




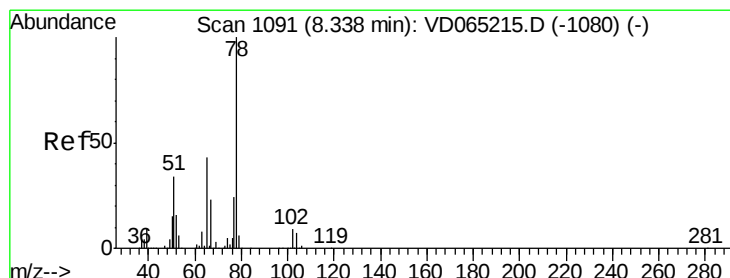
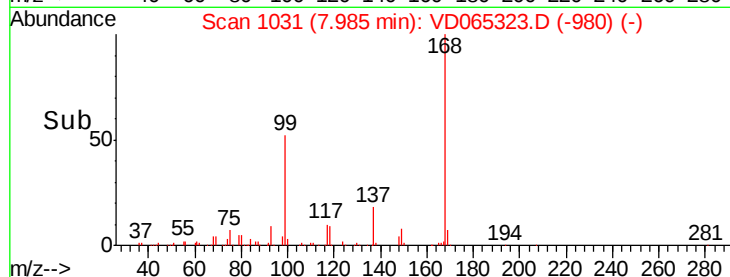
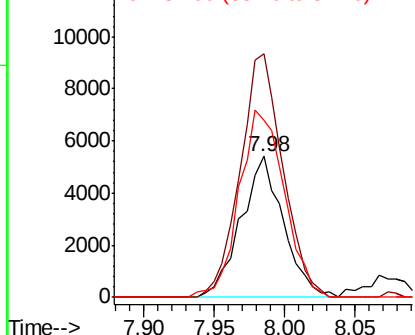
#31
Cyclohexane
Concen: 1.184 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065323.D
Acq: 26 Feb 2020 12:55

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 11390
Ion Ratio Lower Upper
56 100
69 172.8 27.4 41.0#
84 125.4 71.1 106.7#

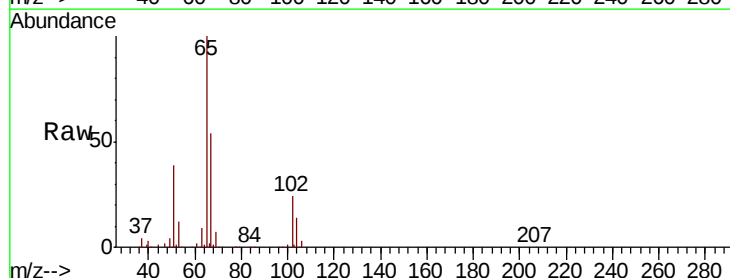


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

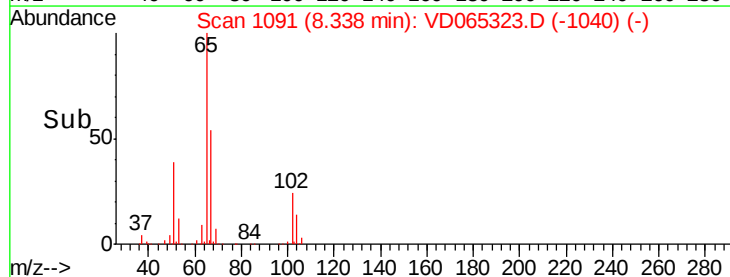
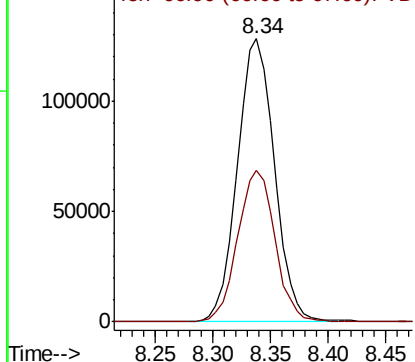


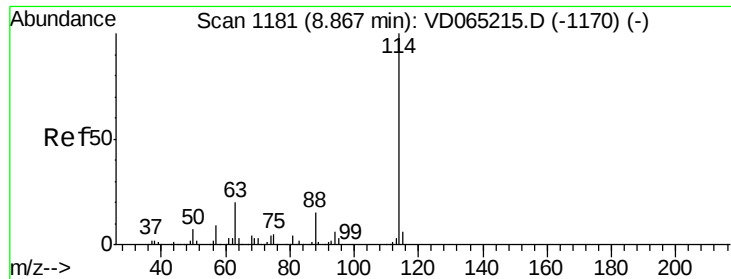
#33
1,2-Dichloroethane-d4
Concen: 58.594 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065323.D
Acq: 26 Feb 2020 12:55

Tgt Ion: 65 Resp: 286710
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.8



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

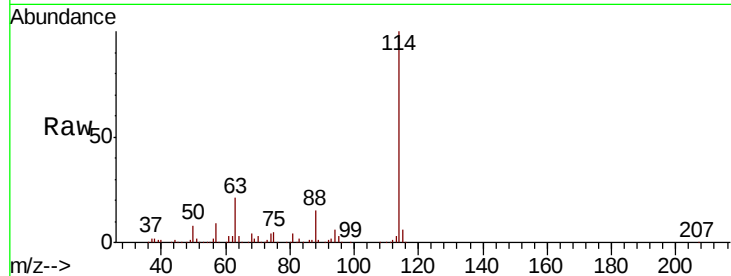




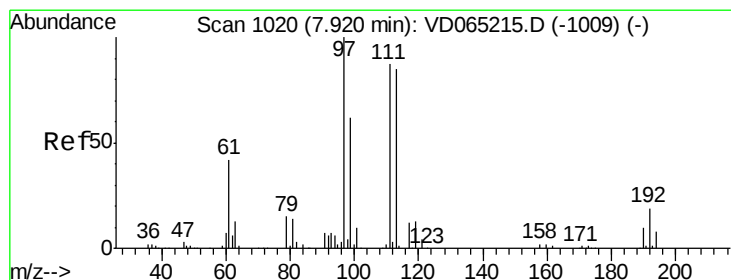
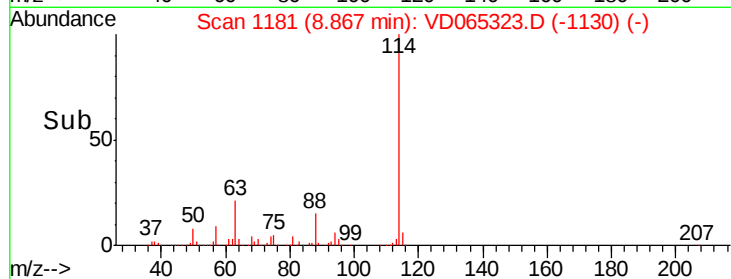
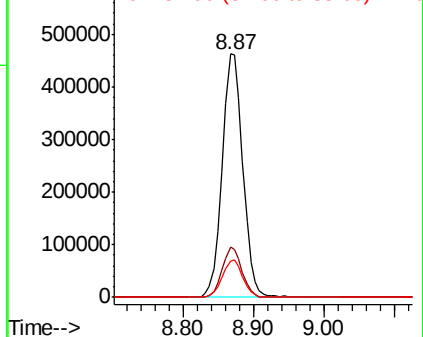
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065323.D
 Acq: 26 Feb 2020 12:55

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.4
88	15.1	0.0	30.4

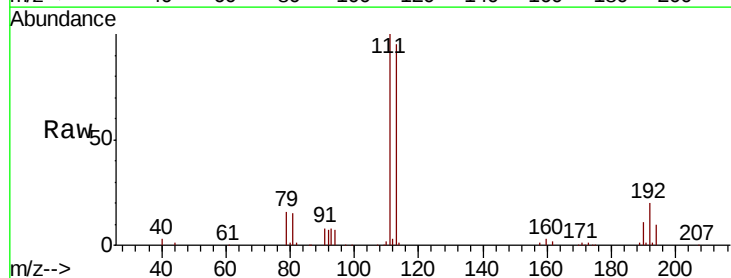


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

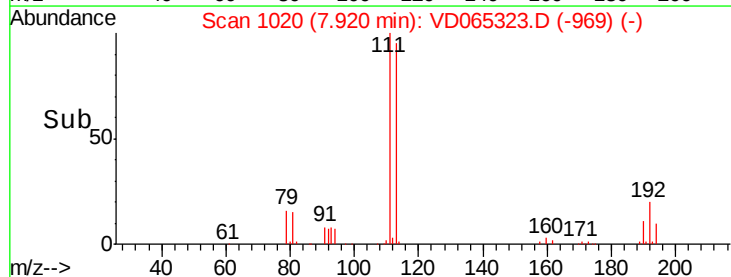
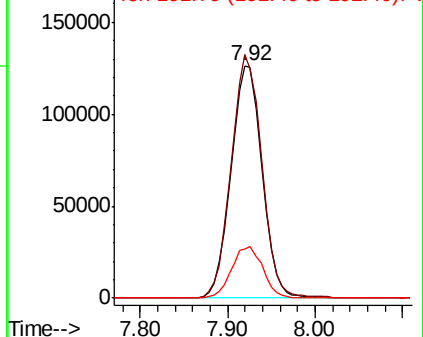


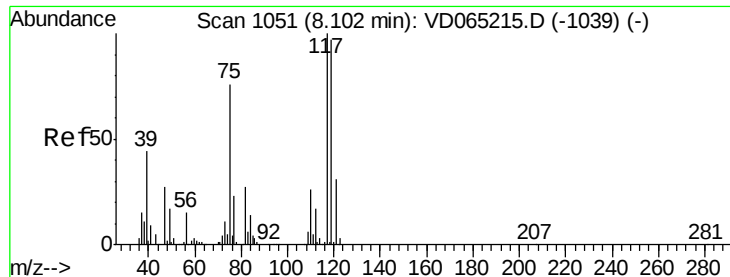
#35
 Dibromofluoromethane
 Concen: 53.169 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065323.D
 Acq: 26 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	22.1	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

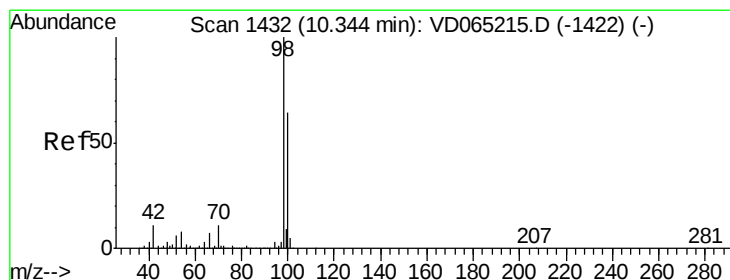
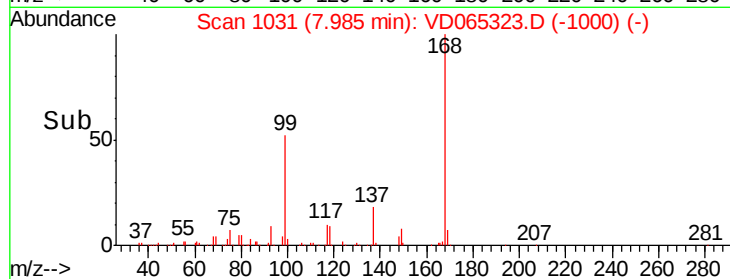
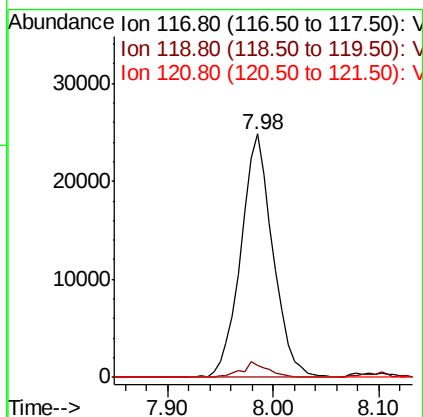
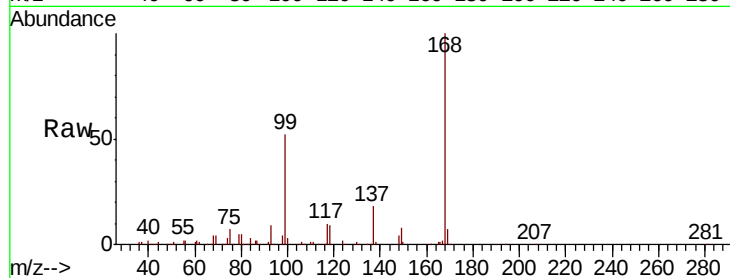




#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065323.D
Acq: 26 Feb 2020 12:55

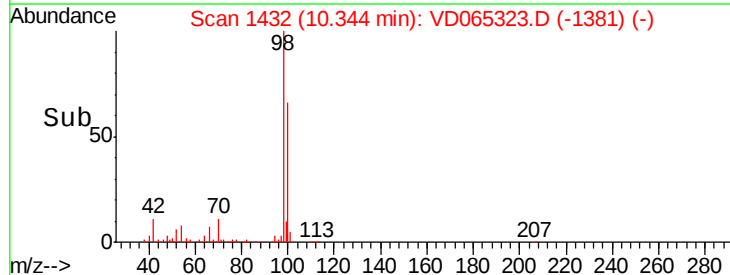
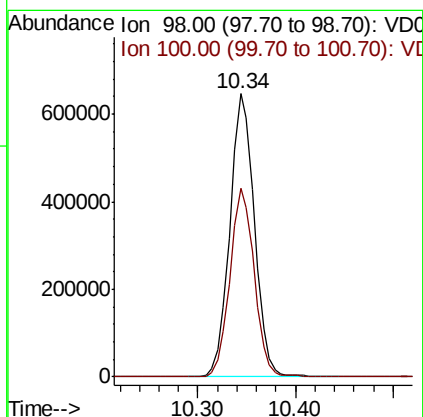
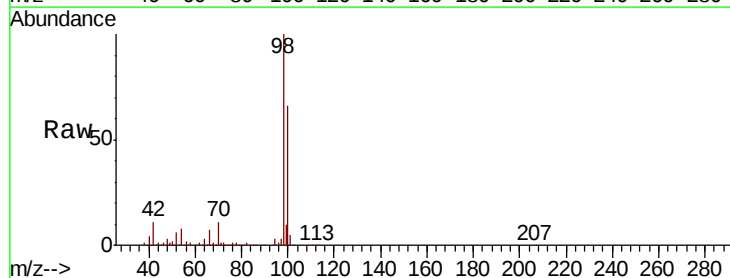
Instrument :
MSVOA_D
ClientSampleId :

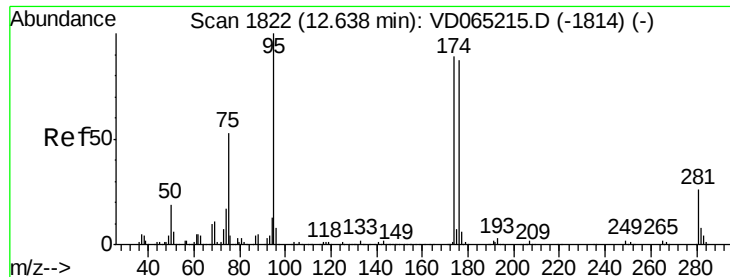
Tot Ion:117 Resp: 52160
Ion Ratio Lower Upper
117 100
119 4.8 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.464 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065323.D
Acq: 26 Feb 2020 12:55

Tgt Ion: 98 Resp: 1127503
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.750 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065323.D

Acq: 26 Feb 2020 12:55

Instrument :

MSVOA_D

ClientSampleId :

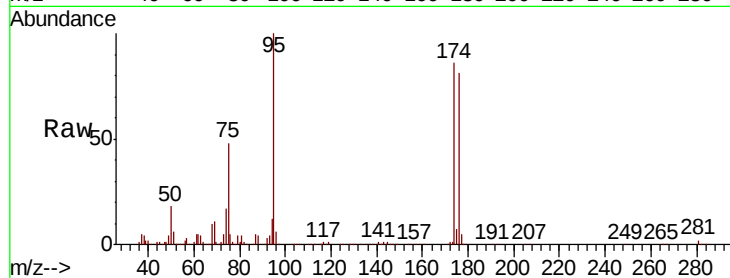
Tot Ion: 95 Resp: 324465

Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.0

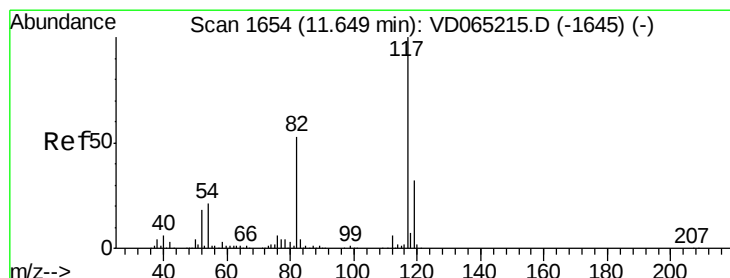
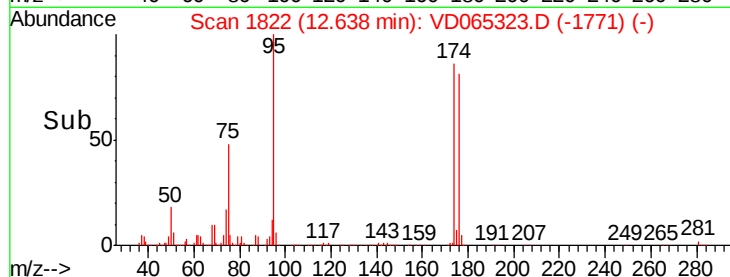
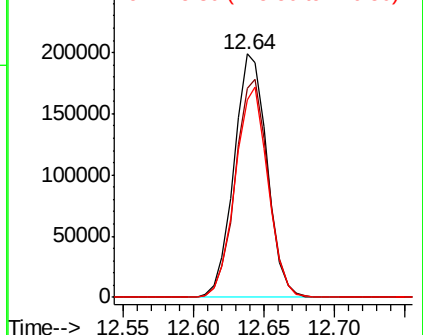
176 85.9 0.0 174.4



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: VD065323.D

Acq: 26 Feb 2020 12:55

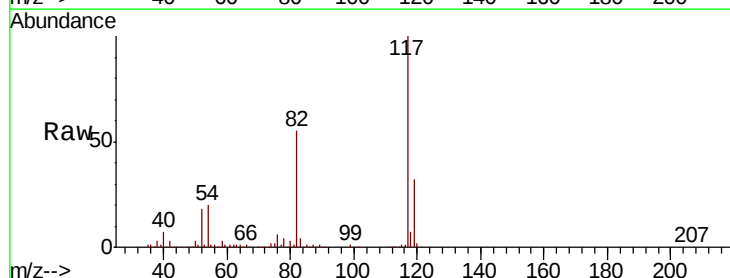
Tgt Ion: 117 Resp: 828035

Ion Ratio Lower Upper

117 100

82 54.5 42.7 64.1

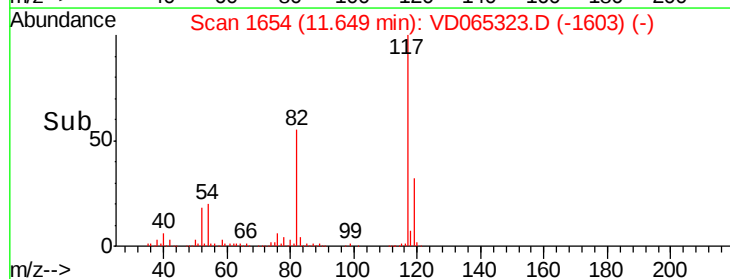
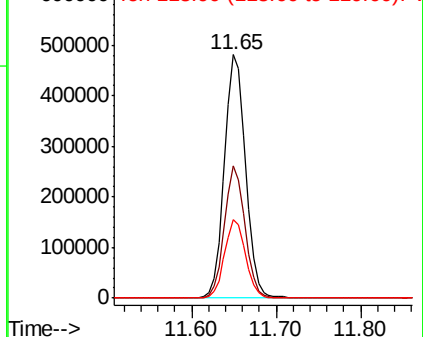
119 32.4 25.5 38.3

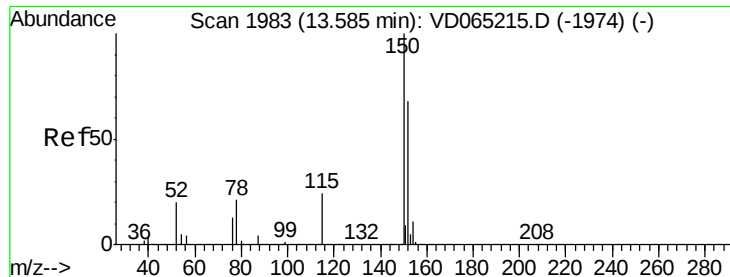


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



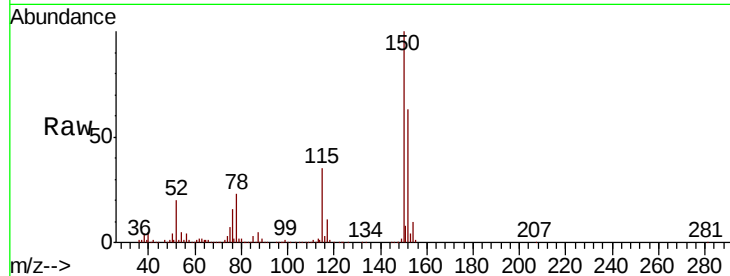


#72

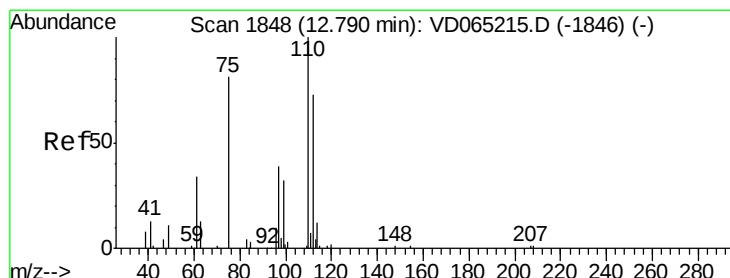
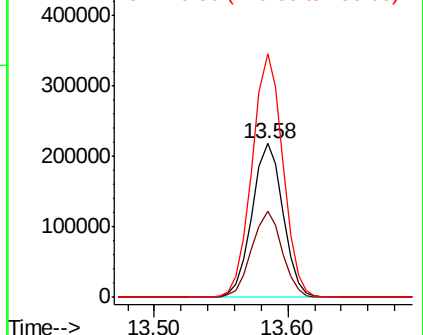
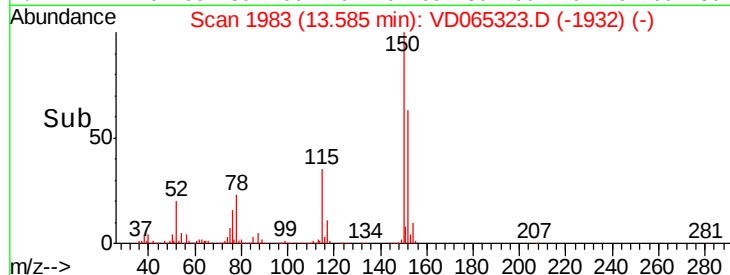
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065323.D
Acq: 26 Feb 2020 12:55

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 349298
Ion Ratio Lower Upper
152 100
115 54.8 27.6 82.8
150 157.1 0.0 347.4



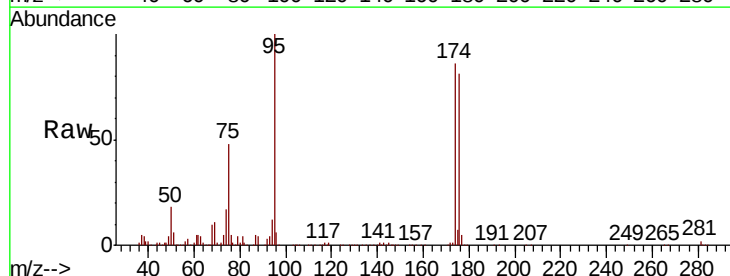
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



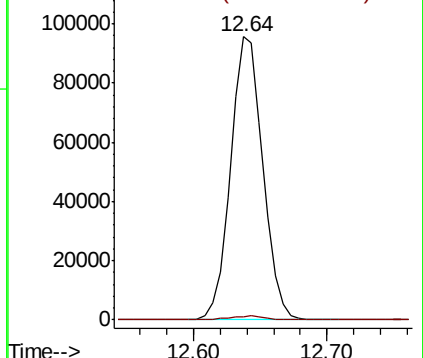
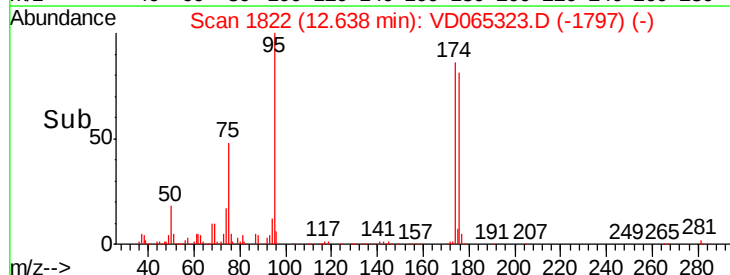
#76

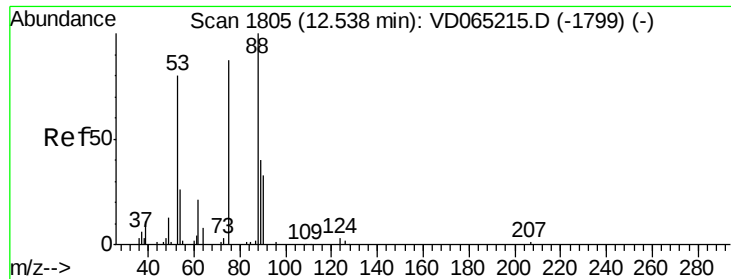
1,2,3-Trichloropropane
Concen: 53.897 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065323.D
Acq: 26 Feb 2020 12:55

Tgt Ion: 75 Resp: 160178
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 116.373 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065323.D

Acq: 26 Feb 2020 12:55

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 160178

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.0 37.2 55.8#

