

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\
 Data File : VD065171.D
 Acq On : 13 Feb 2020 10:46
 Operator : VA/SY
 Sample : VD0213SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 14 07:17:02 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

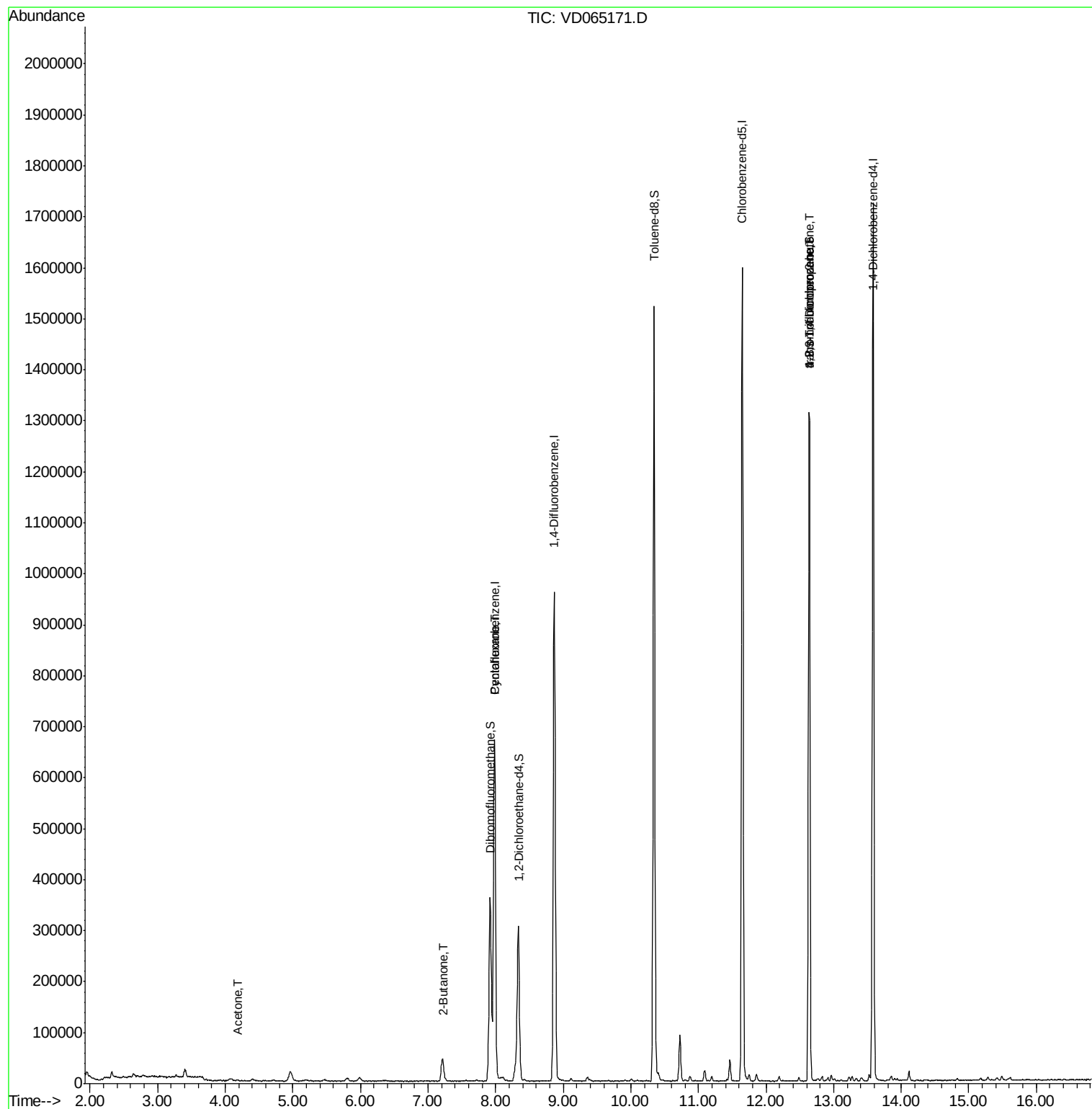
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	513428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	828073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	903535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	453015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	240930	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
35) Dibromofluoromethane	7.92	113	257297	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
50) Toluene-d8	10.34	98	1018968	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
62) 4-Bromofluorobenzene	12.64	95	400934	68.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.62%	
Target Compounds						
16) Acetone	4.17	43	3931	3.603	ug/l	99
20) Methylene Chloride	4.96	84	13860	Below Cal	#	91
25) 2-Butanone	7.23	43	3219	2.473	ug/l #	50
31) Cyclohexane	7.99	56	12637	1.456	ug/l #	23
58) 2-Chloroethyl Vinyl ether	9.96	63	64	Below Cal	#	46
76) 1,2,3-Trichloropropane	12.64	75	202992	59.185	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	202992	118.365	ug/l #	10

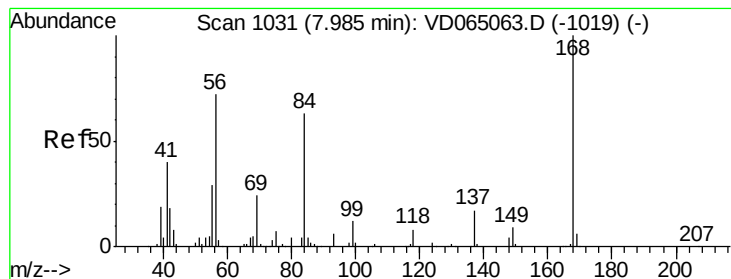
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021320\
Data File : VD065171.D
Acq On : 13 Feb 2020 10:46
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 14 07:17:02 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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065171.D

Acq: 13 Feb 2020 10:46

Instrument :

MSVOA_D

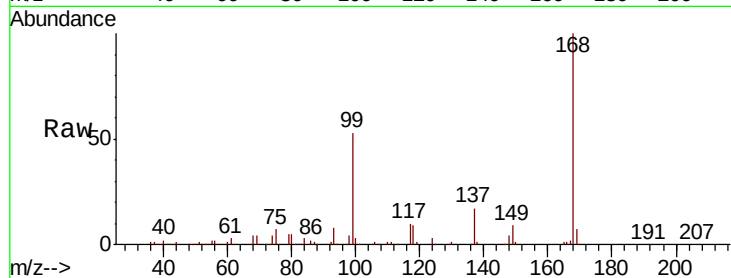
ClientSampleId :

Tot Ion:168 Resp: 513428

Ion Ratio Lower Upper

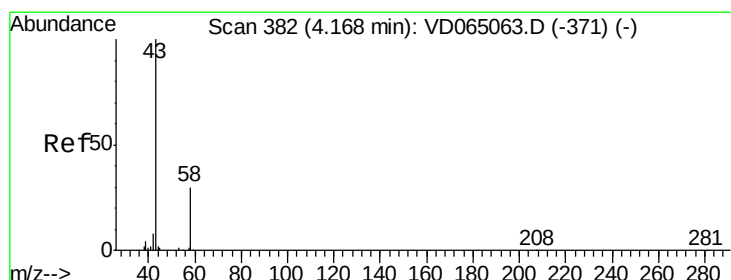
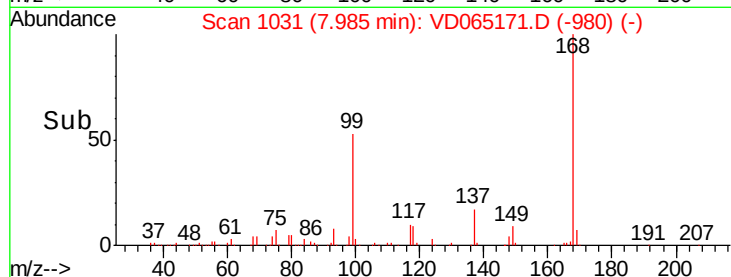
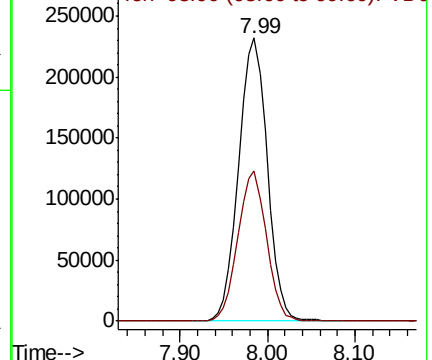
168 100

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



#16

Acetone

Concen: 3.603 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065171.D

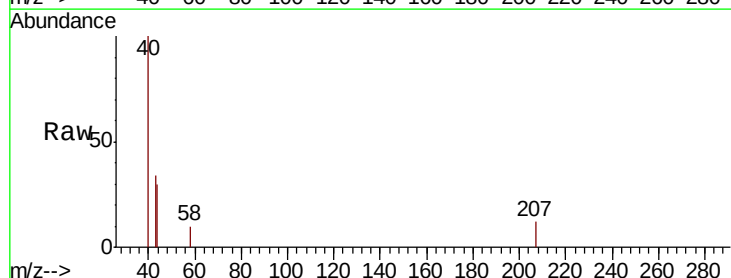
Acq: 13 Feb 2020 10:46

Tgt Ion: 43 Resp: 3931

Ion Ratio Lower Upper

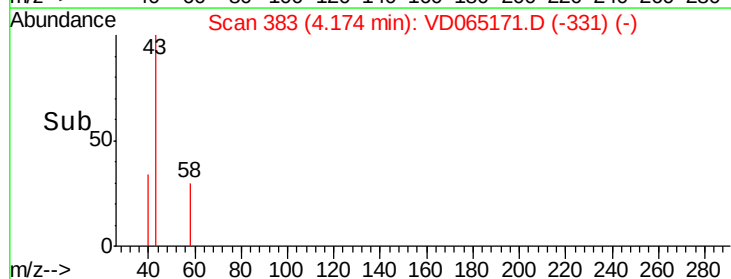
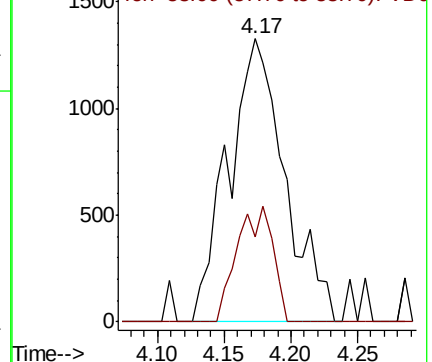
43 100

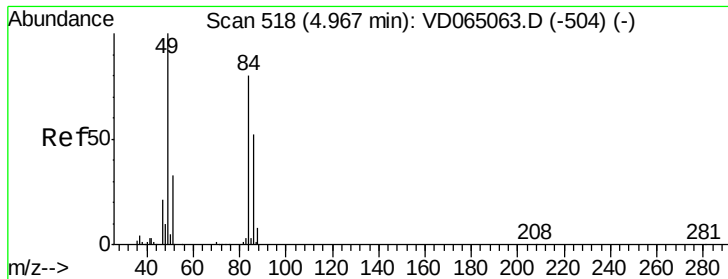
58 30.1 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

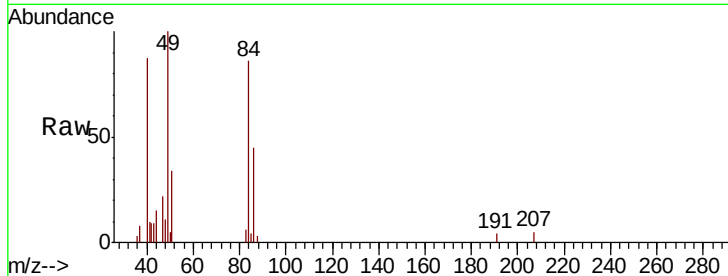




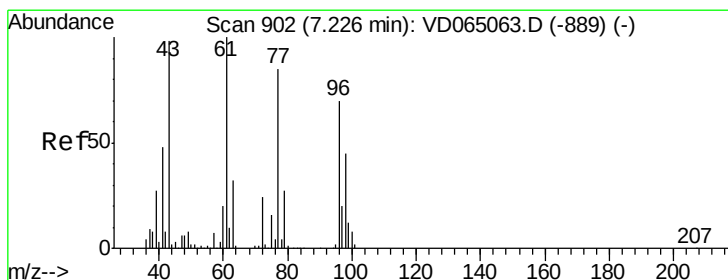
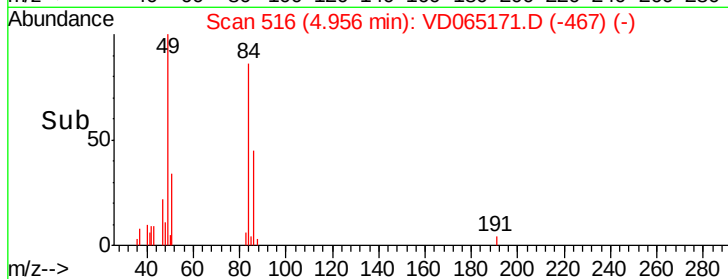
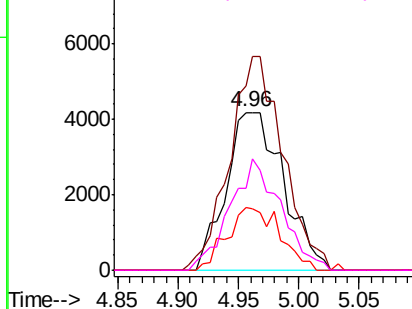
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065171.D
Acq: 13 Feb 2020 10:46

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 13860
Ion Ratio Lower Upper
84 100
49 116.8 100.4 150.6
51 39.4 32.7 49.1
86 52.1 52.4 78.6#

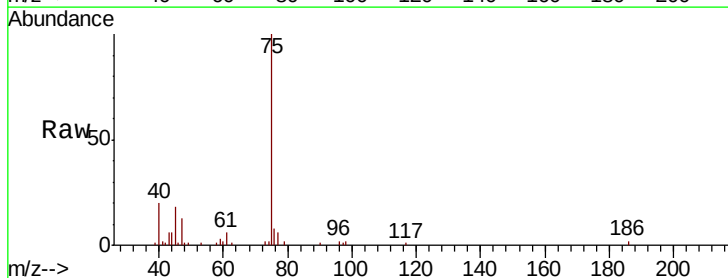


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

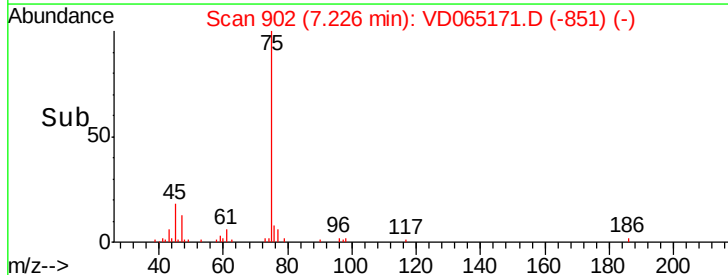
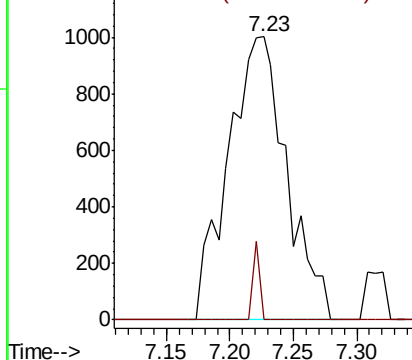


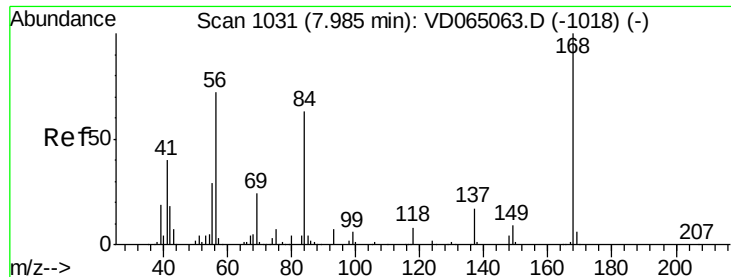
#25
2-Butanone
Concen: 2.473 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.00 min
Lab File: VD065171.D
Acq: 13 Feb 2020 10:46

Tgt Ion: 43 Resp: 3219
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

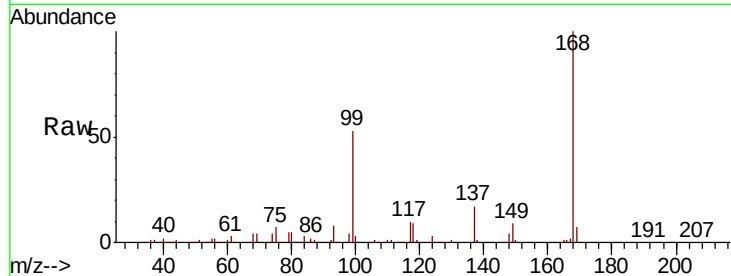




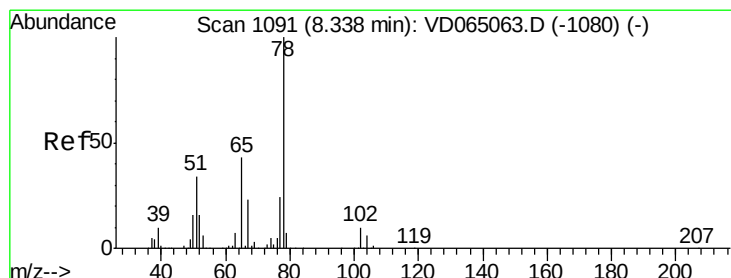
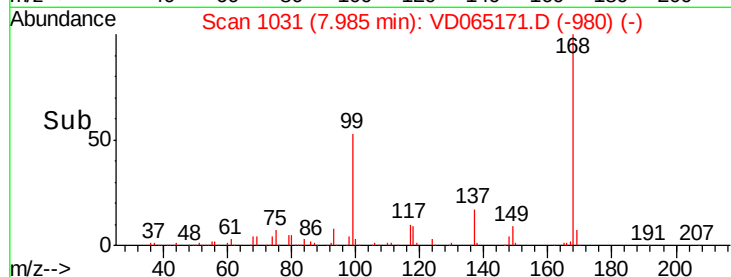
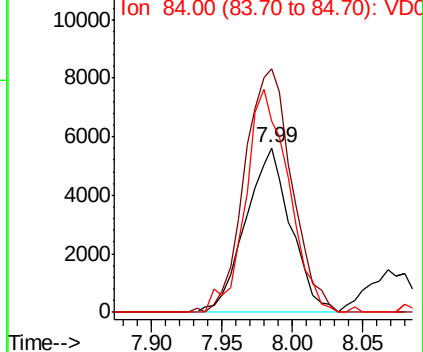
#31
Cyclohexane
Concen: 1.456 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065171.D
Acq: 13 Feb 2020 10:46

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 12637
Ion Ratio Lower Upper
56 100
69 148.0 26.6 40.0#
84 116.5 70.6 106.0#

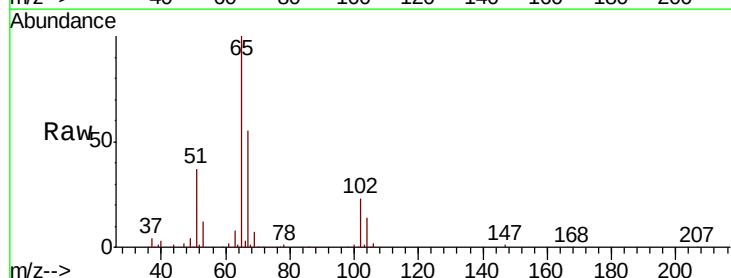


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

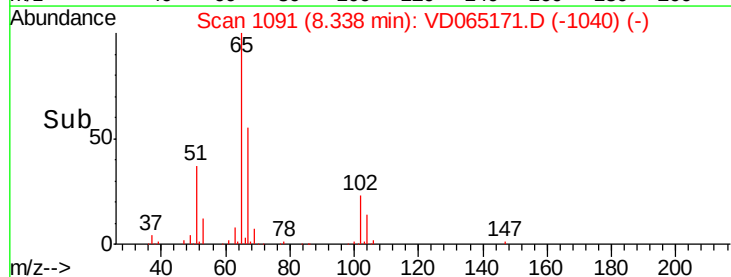
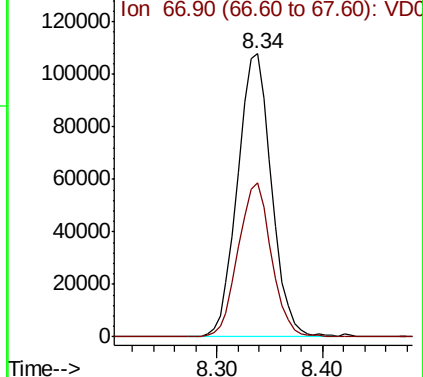


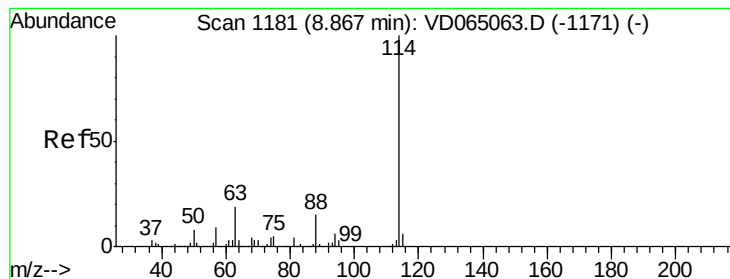
#33
1,2-Dichloroethane-d4
Concen: 55.212 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065171.D
Acq: 13 Feb 2020 10:46

Tgt Ion: 65 Resp: 240930
Ion Ratio Lower Upper
65 100
67 53.4 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: VD065171.D

Acq: 13 Feb 2020 10:46

Instrument :

MSVOA_D

ClientSampled :

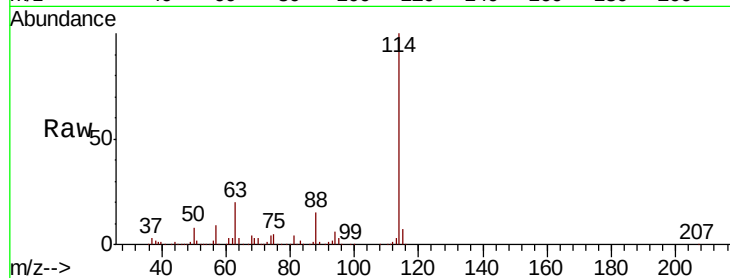
Tot Ion:114 Resp: 828073

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

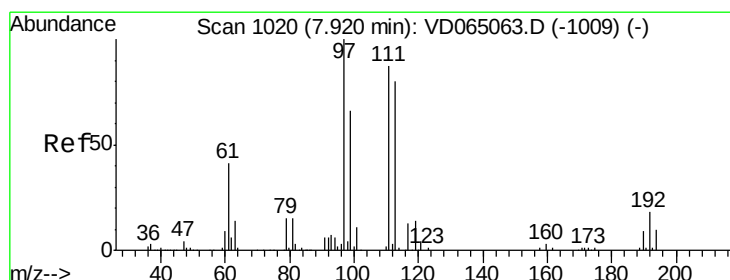
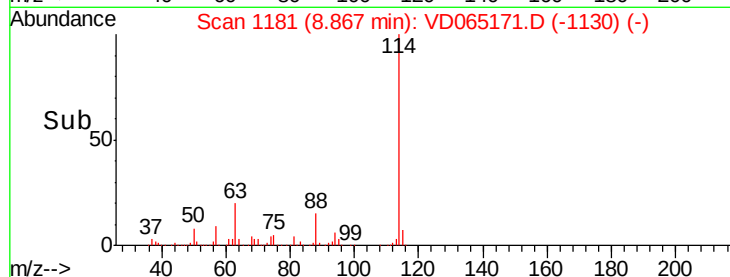
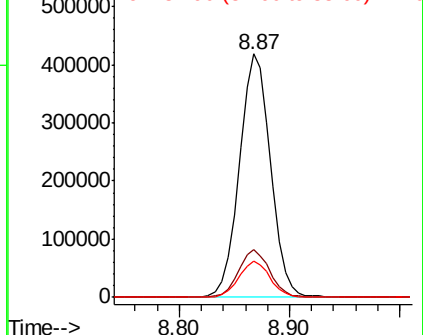
88 15.1 0.0 29.6



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: 55.690 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065171.D

Acq: 13 Feb 2020 10:46

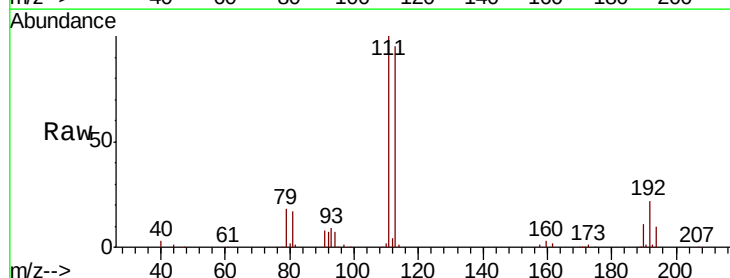
Tgt Ion:113 Resp: 257297

Ion Ratio Lower Upper

113 100

111 103.9 83.1 124.7

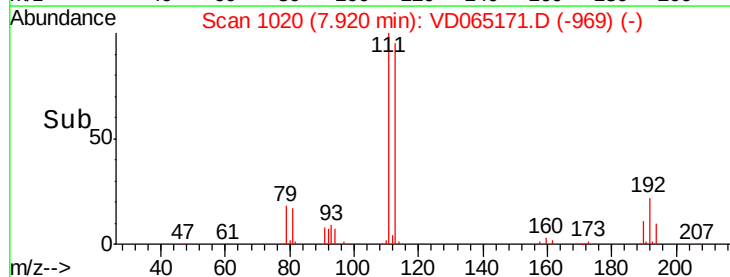
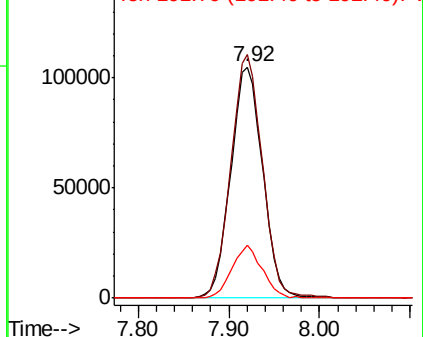
192 21.6 18.1 27.1

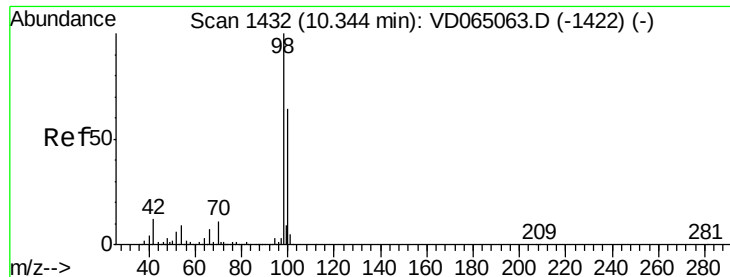


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

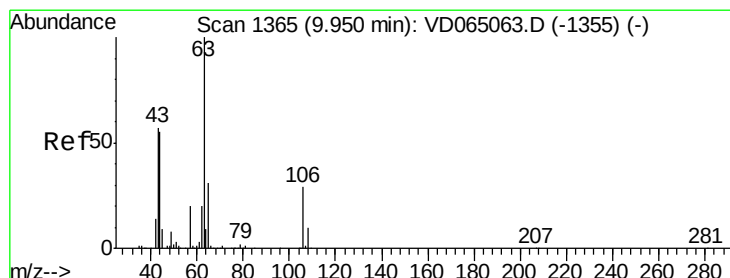
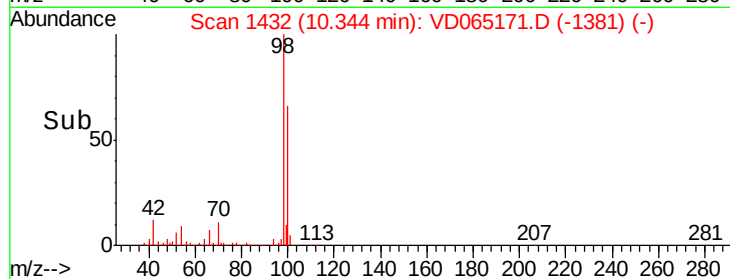
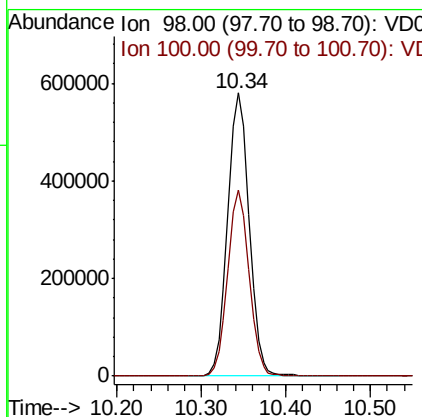
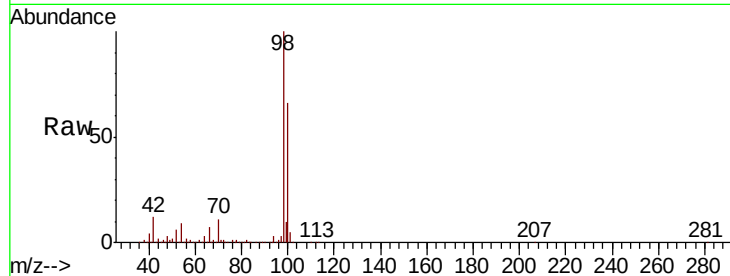




#50
Toluene-d8
Concen: 55.410 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065171.D
Acq: 13 Feb 2020 10:46

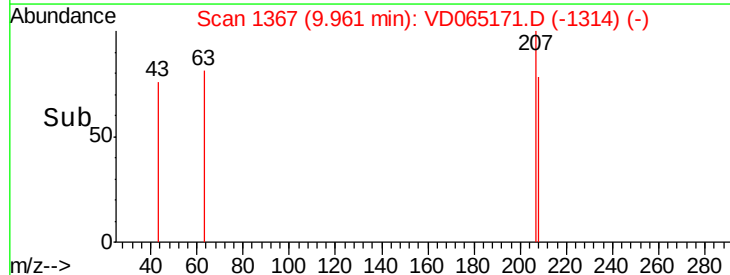
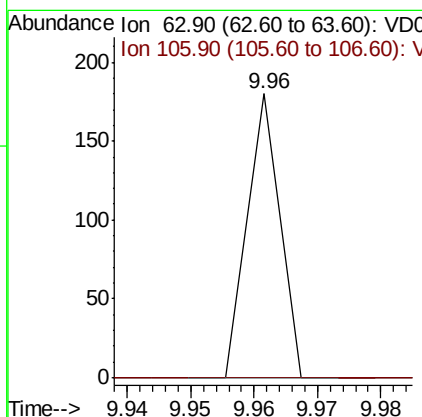
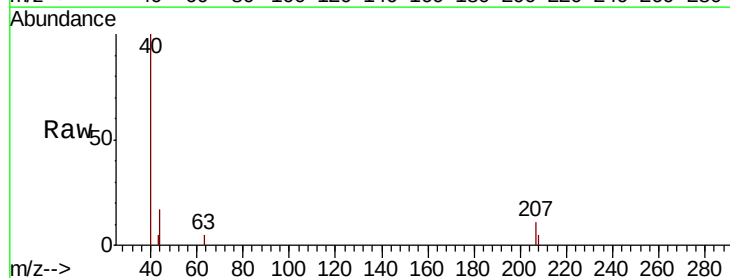
Instrument :
MSVOA_D
ClientSampleId :

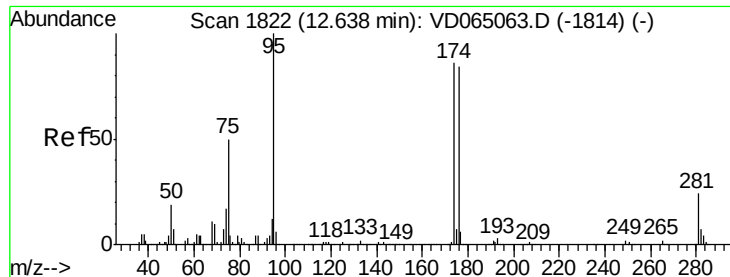
Tot Ion: 98 Resp: 1018968
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.96 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VD065171.D
Acq: 13 Feb 2020 10:46

Tgt Ion: 63 Resp: 64
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#





#62

4-Bromofluorobenzene

Concen: 68.807 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065171.D

Acq: 13 Feb 2020 10:46

Instrument :

MSVOA_D

ClientSampleId :

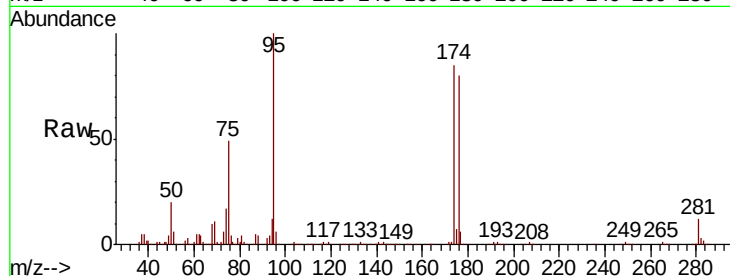
Tot Ion: 95 Resp: 400934

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.0

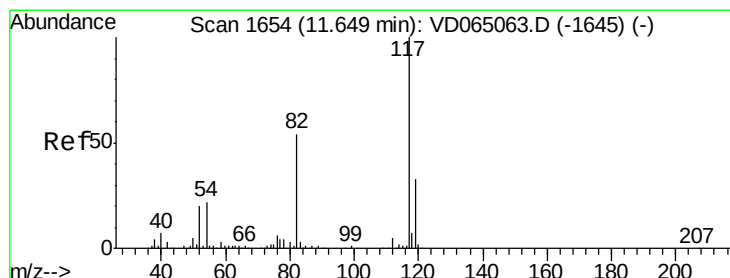
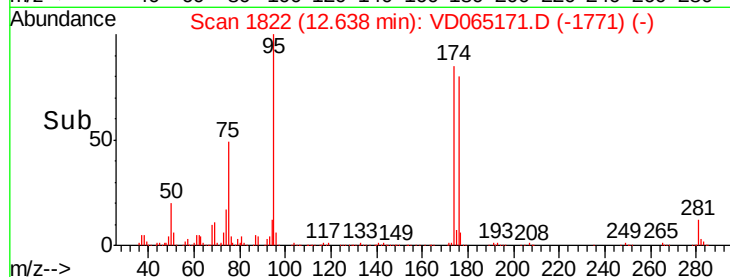
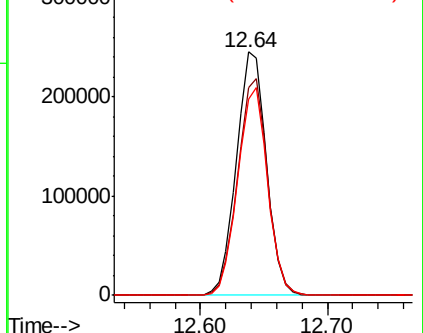
176 85.2 0.0 173.2



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: VD065171.D

Acq: 13 Feb 2020 10:46

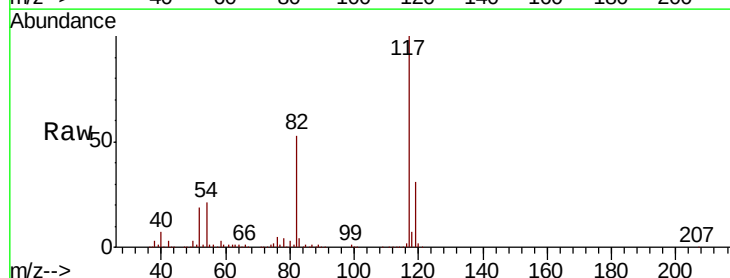
Tgt Ion: 117 Resp: 903535

Ion Ratio Lower Upper

117 100

82 52.8 43.1 64.7

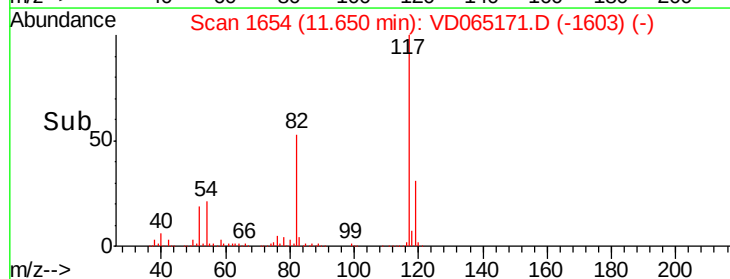
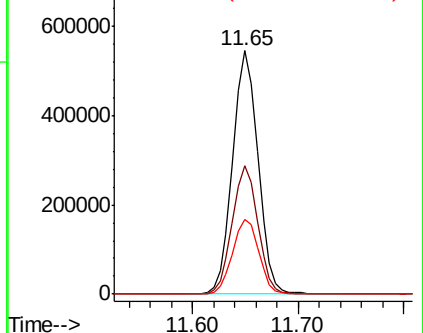
119 30.8 26.0 39.0

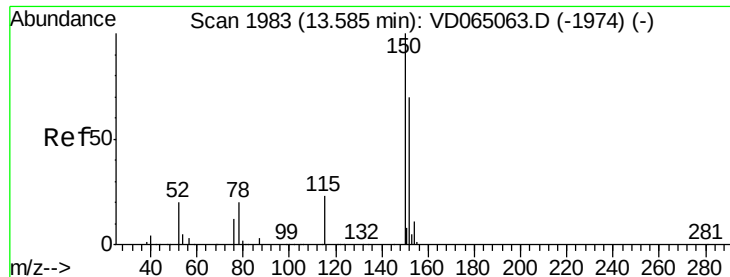


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065171.D

Acq: 13 Feb 2020 10:46

Instrument :

MSVOA_D

ClientSampleId :

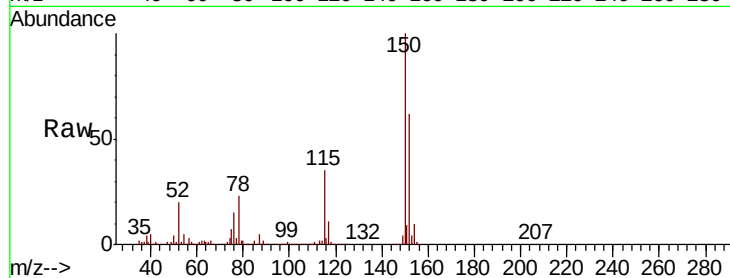
Tot Ion:152 Resp: 453015

Ion Ratio Lower Upper

152 100

115 56.0 27.5 82.4

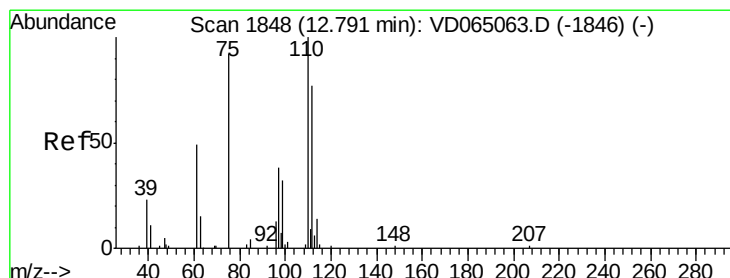
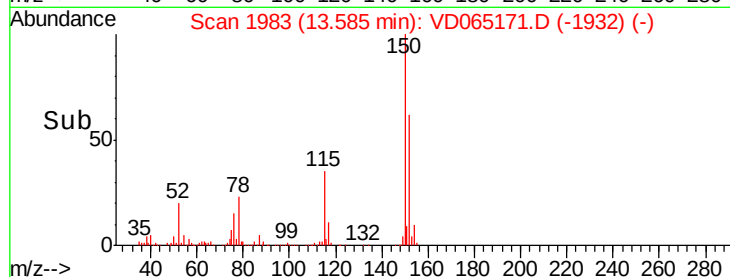
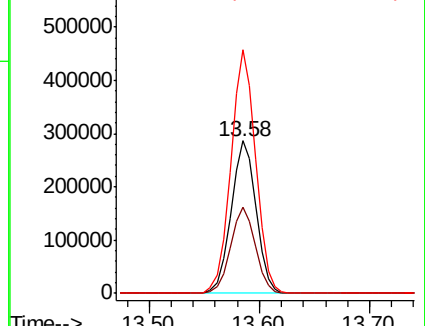
150 158.2 0.0 343.2



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: 59.185 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065171.D

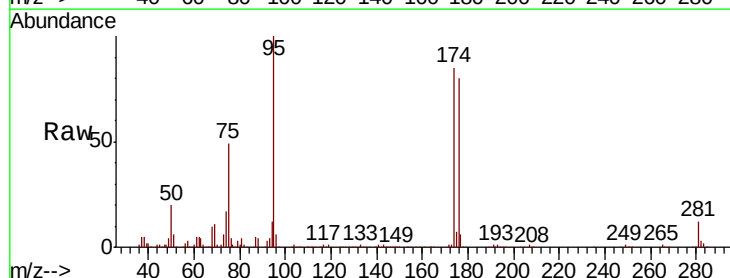
Acq: 13 Feb 2020 10:46

Tgt Ion: 75 Resp: 202992

Ion Ratio Lower Upper

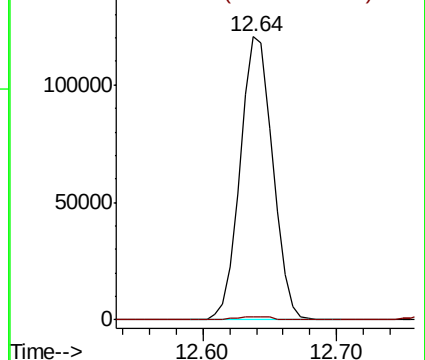
75 100

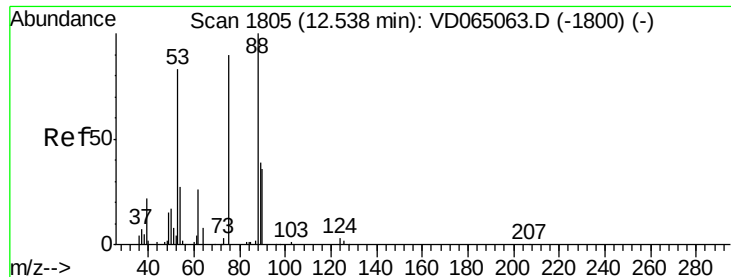
77 1.3 0.0 0.0#



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: 118.365 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065171.D

Acq: 13 Feb 2020 10:46

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 202992

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.0 55.4#

