

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021920\
 Data File : VD065236.D
 Acq On : 19 Feb 2020 13:58
 Operator : VA/SY
 Sample : L1576-01
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 20 03:41:21 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

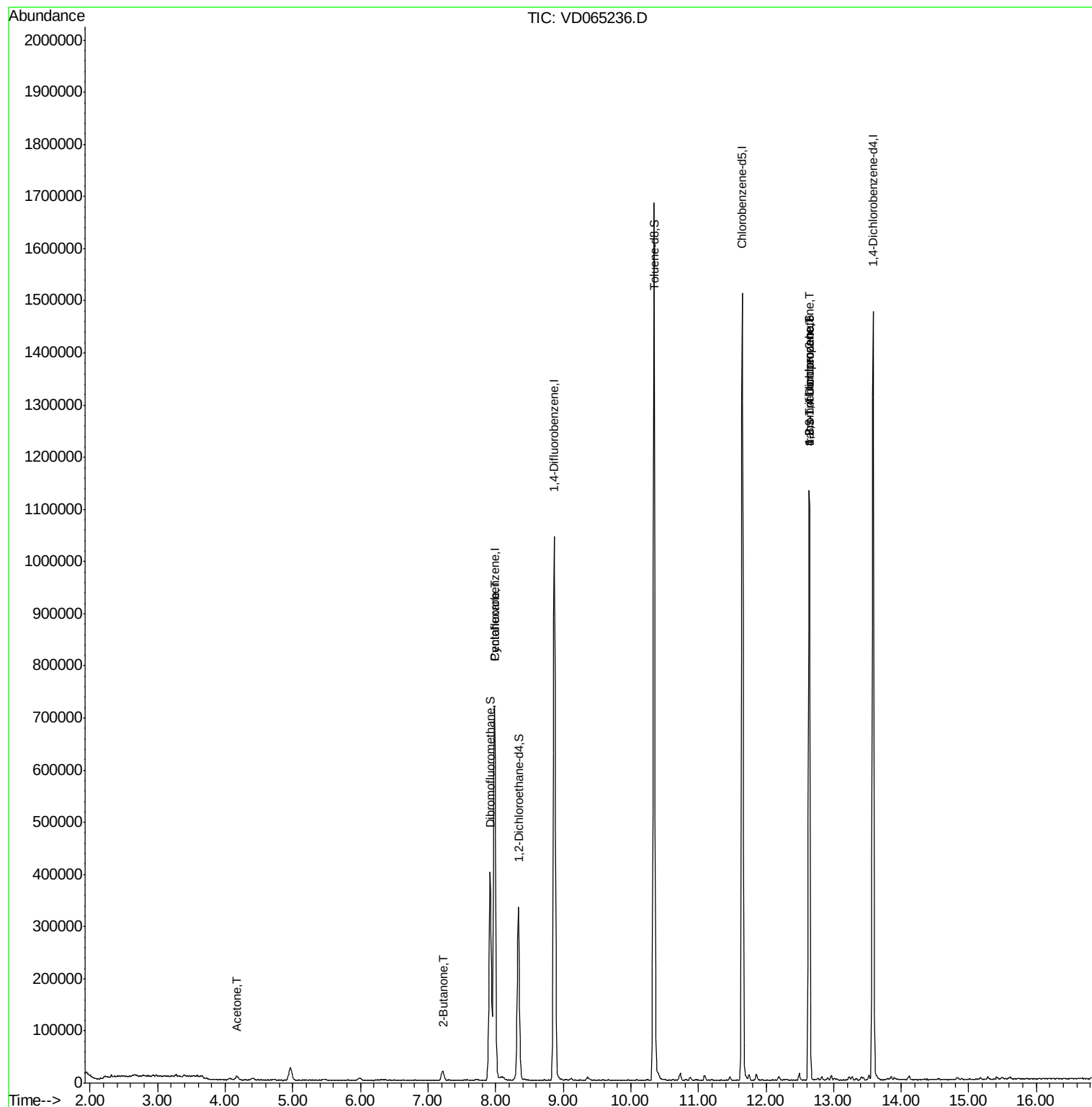
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	555554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	907440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	866039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	404152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	261265	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	7.92	113	287646	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.34	98	1108775	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.64	95	364571	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
Target Compounds						
					Qvalue	
13) Acrolein	3.93	56	144	Below Cal	#	14
16) Acetone	4.17	43	12805	10.481	ug/l	94
20) Methylene Chloride	4.96	84	18654	Below Cal	#	88
25) 2-Butanone	7.23	43	2654	1.717	ug/l #	87
31) Cyclohexane	7.99	56	12356	1.257	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	179381	52.166	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	179381	112.636	ug/l #	11

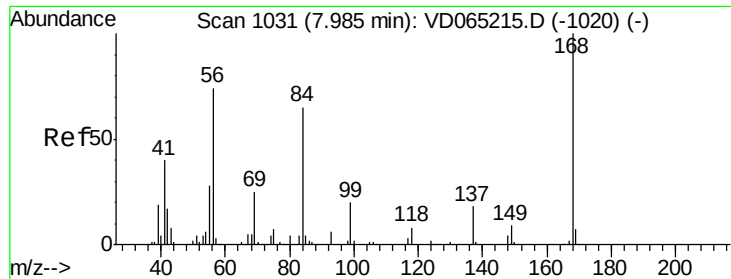
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065236.D

Acq: 19 Feb 2020 13:58

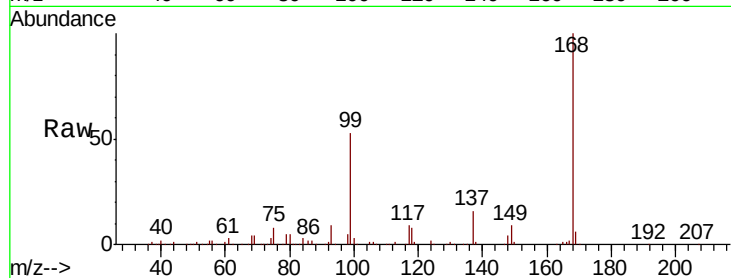
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 555554

Ion Ratio Lower Upper

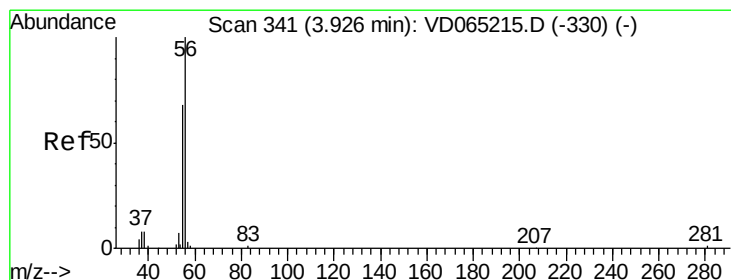
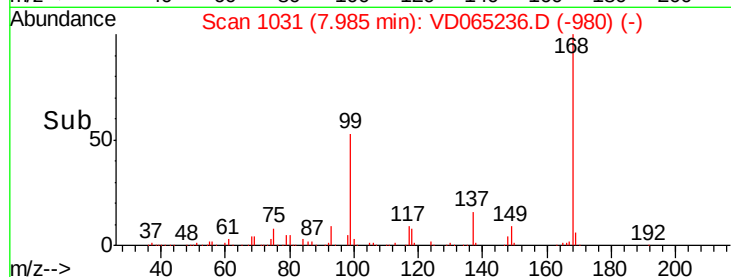
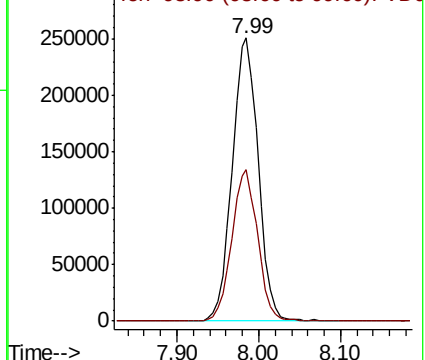
168 100

99 53.2 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#13

Acrolein

Concen: Below Cal

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065236.D

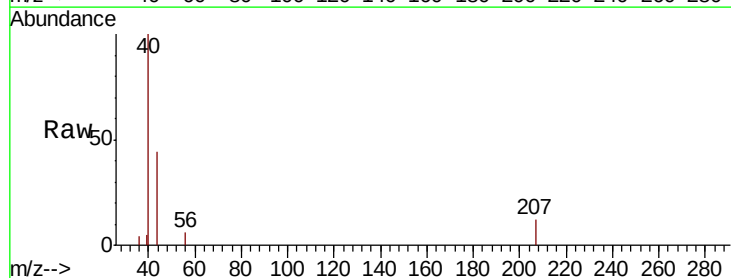
Acq: 19 Feb 2020 13:58

Tgt Ion: 56 Resp: 144

Ion Ratio Lower Upper

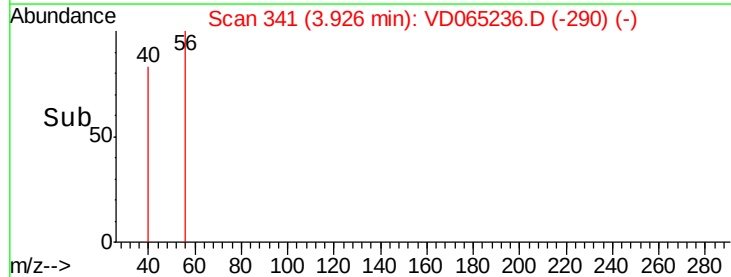
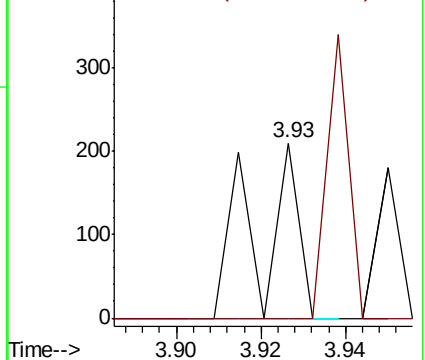
56 100

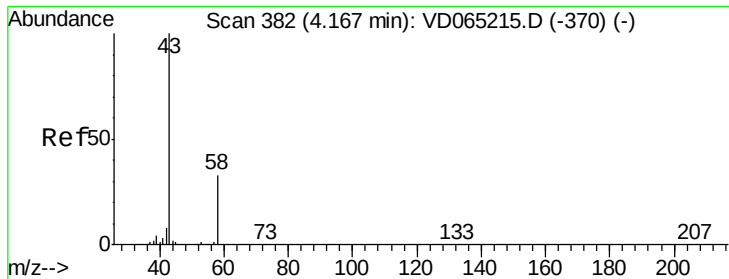
55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

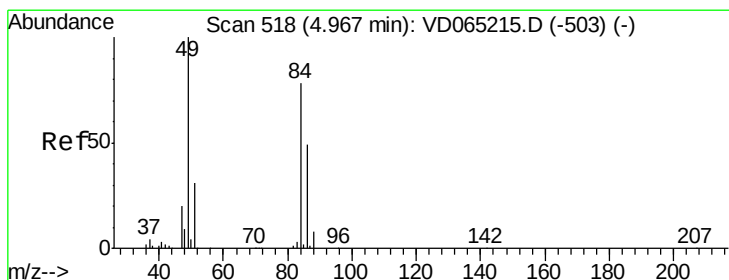
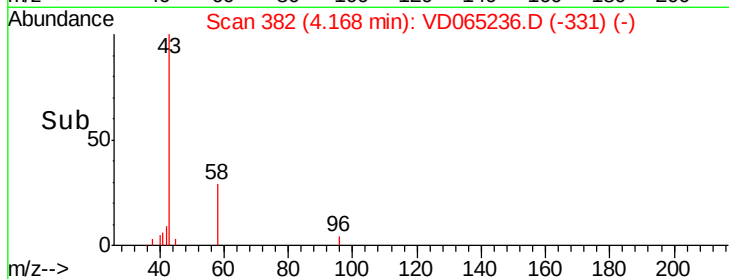
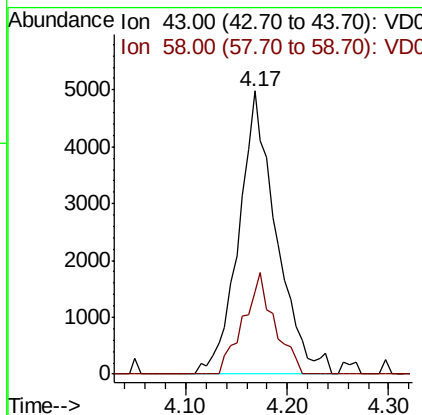
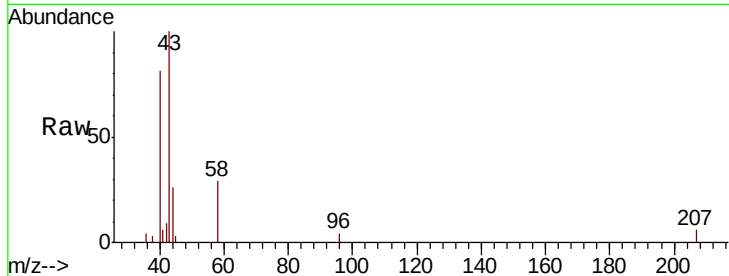




#16
Acetone
Concen: 10.481 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD065236.D
Acq: 19 Feb 2020 13:58

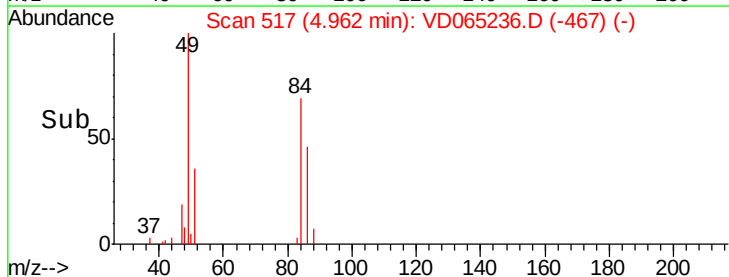
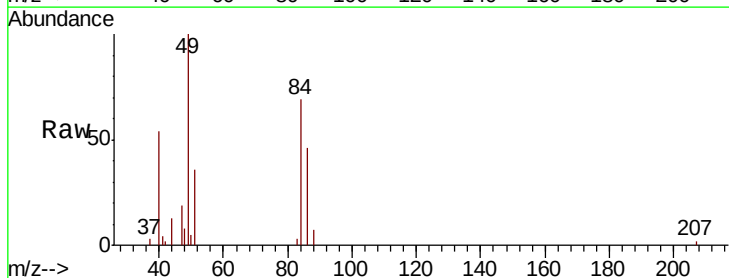
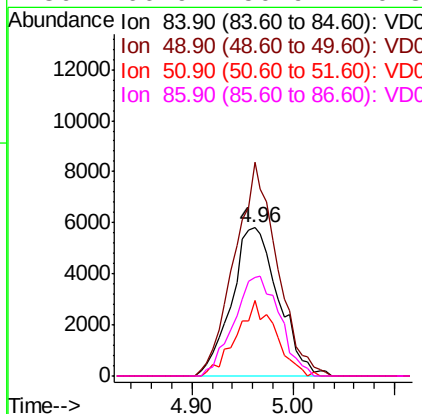
Instrument :
MSVOA_D
ClientSampled :

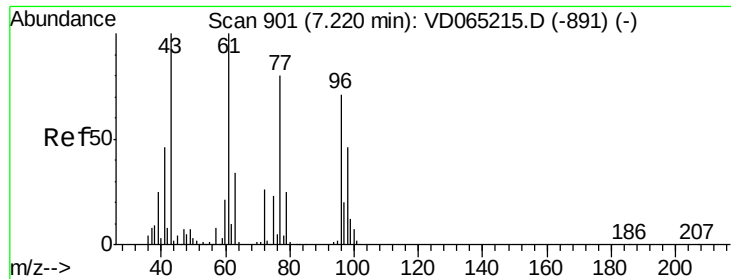
Tot Ion: 43 Resp: 12805
Ion Ratio Lower Upper
43 100
58 29.2 26.2 39.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065236.D
Acq: 19 Feb 2020 13:58

Tgt Ion: 84 Resp: 18654
Ion Ratio Lower Upper
84 100
49 144.2 103.1 154.7
51 51.4 31.7 47.5#
86 66.9 50.9 76.3





#25

2-Butanone

Concen: 1.717 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: VD065236.D

Acq: 19 Feb 2020 13:58

Instrument :

MSVOA_D

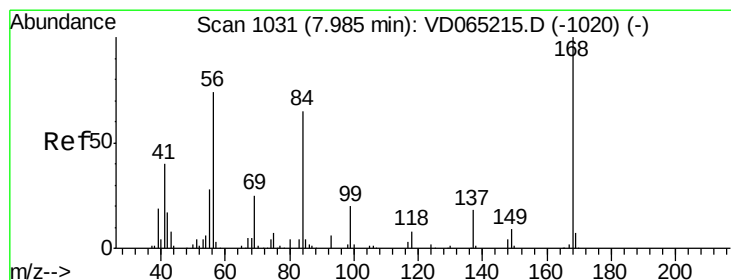
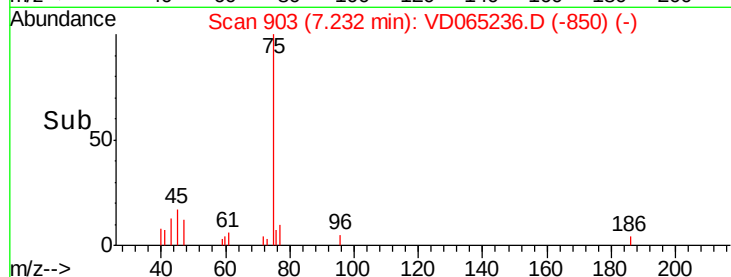
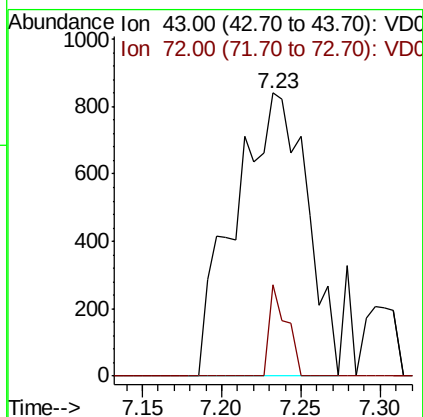
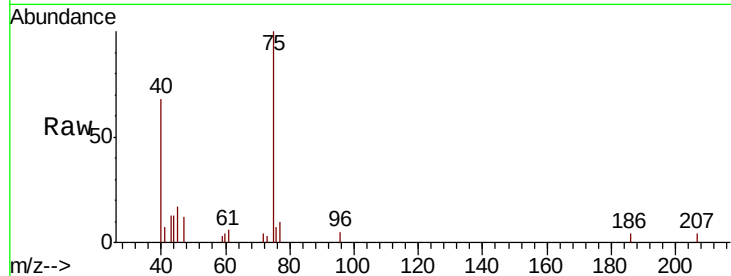
ClientSampled :

Tot Ion: 43 Resp: 2654

Ion Ratio Lower Upper

43 100

72 32.5 20.9 31.3#



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065236.D

Acq: 19 Feb 2020 13:58

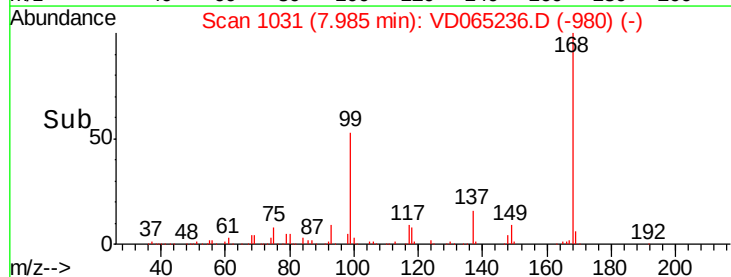
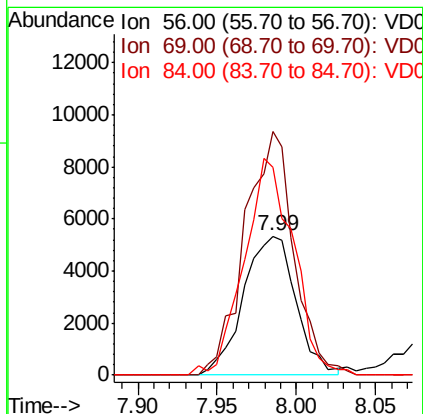
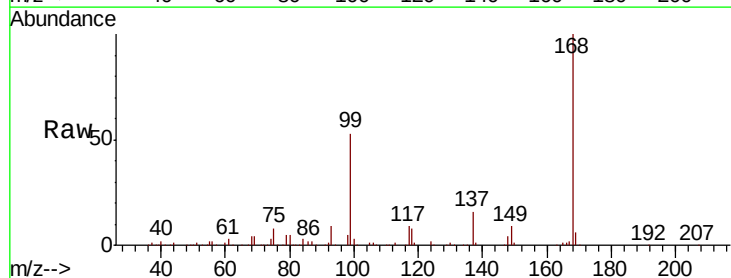
Tgt Ion: 56 Resp: 12356

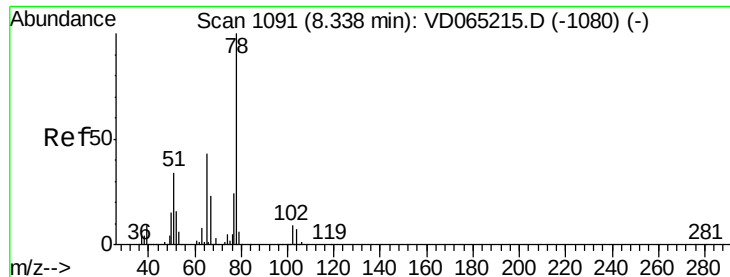
Ion Ratio Lower Upper

56 100

69 175.2 27.4 41.0#

84 149.6 71.1 106.7#

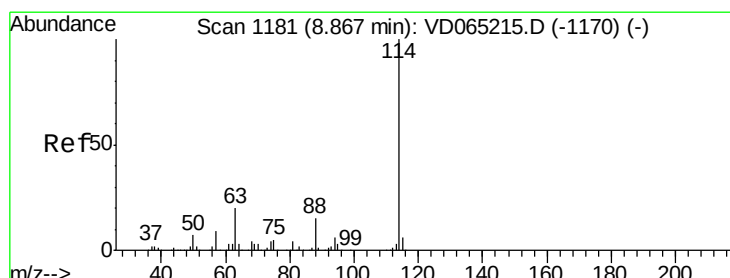
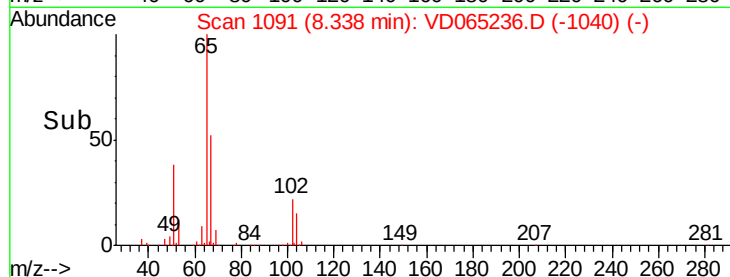
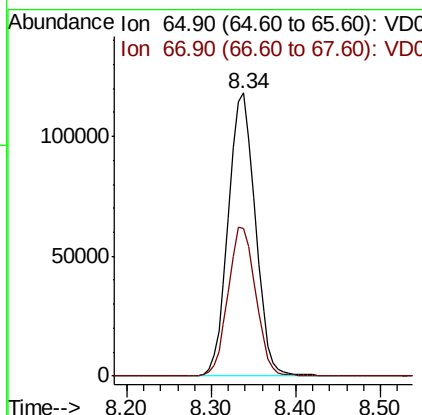
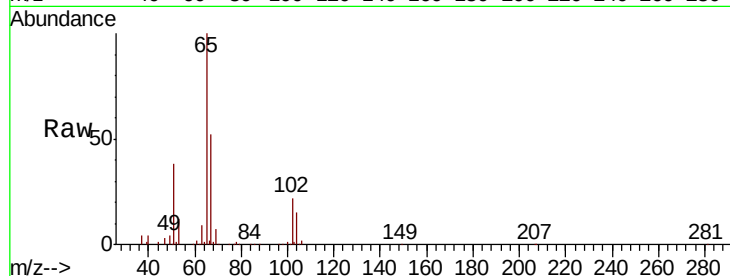




#33
 1,2-Dichloroethane-d4
 Concen: 52.276 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065236.D
 Acq: 19 Feb 2020 13:58

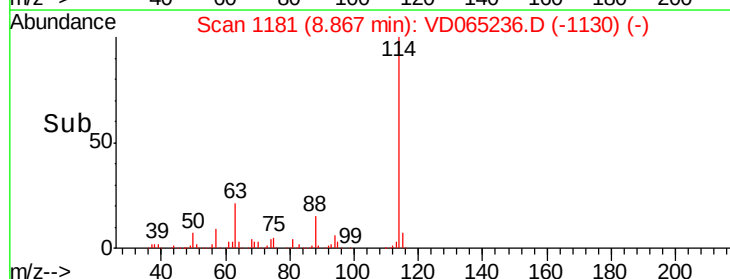
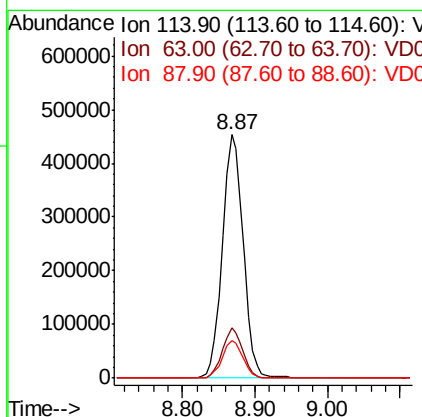
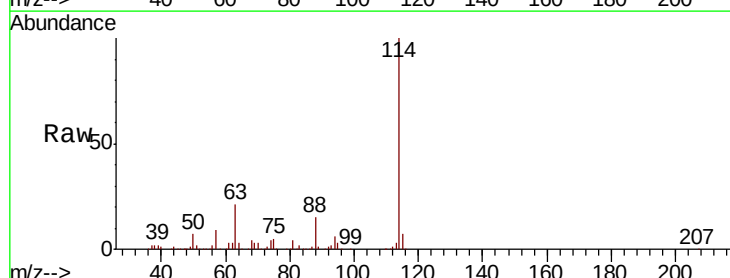
Instrument :
 MSVOA_D
 ClientSampled :

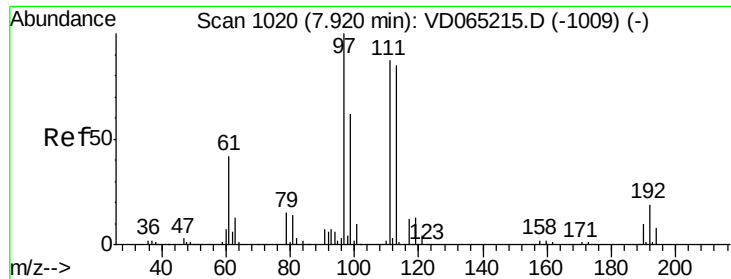
Tot Ion: 65 Resp: 261265
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065236.D
 Acq: 19 Feb 2020 13:58

Tgt Ion: 114 Resp: 907440
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.4
 88 15.3 0.0 30.4

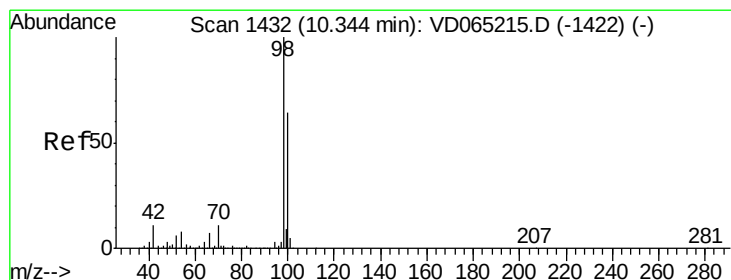
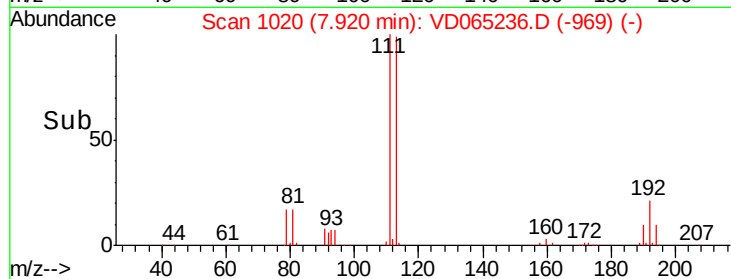
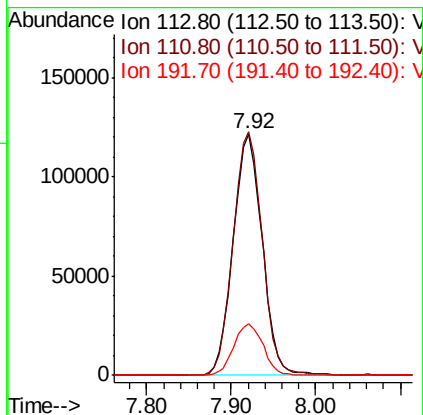
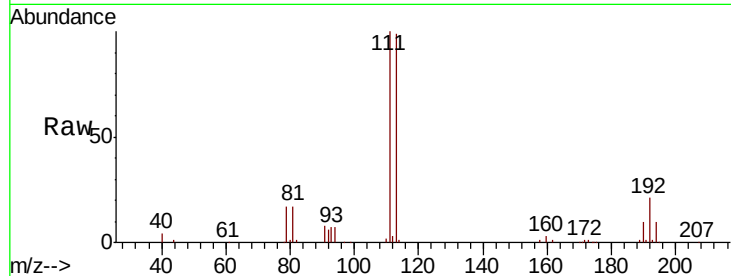




#35
 Dibromofluoromethane
 Concen: 51.987 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065236.D
 Acq: 19 Feb 2020 13:58

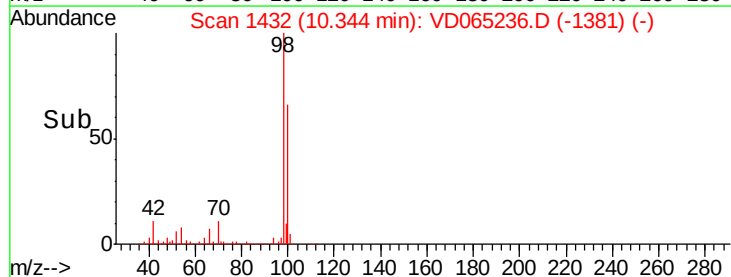
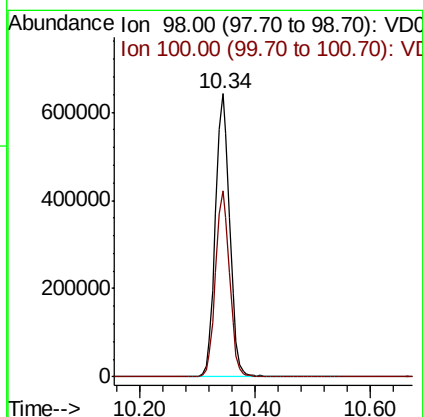
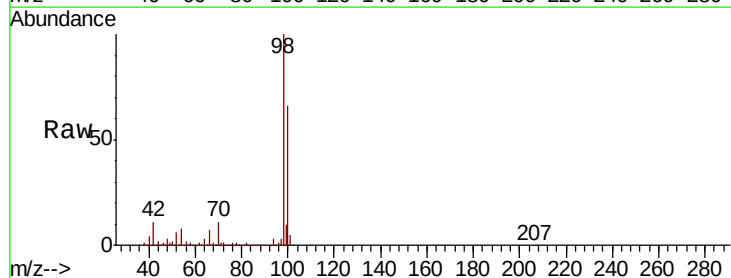
Instrument :
 MSVOA_D
 ClientSampleId :

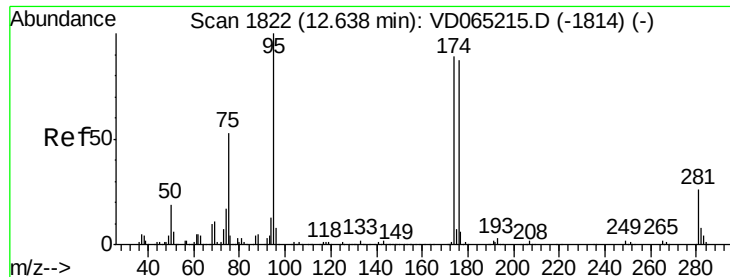
Tot Ion:113 Resp: 287646
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.9 124.3
 192 21.5 17.3 25.9



#50
 Toluene-d8
 Concen: 52.419 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065236.D
 Acq: 19 Feb 2020 13:58

Tgt Ion: 98 Resp: 1108775
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 54.407 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065236.D

Acq: 19 Feb 2020 13:58

Instrument :

MSVOA_D

ClientSampleId :

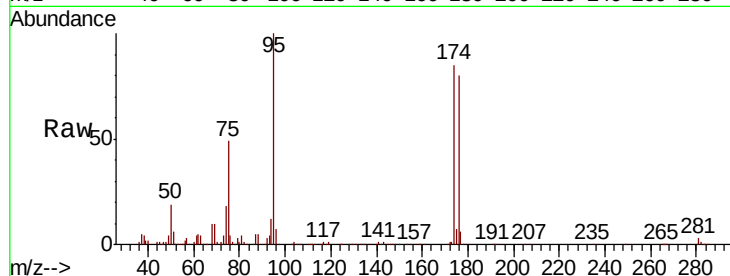
Tot Ion: 95 Resp: 364571

Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.0

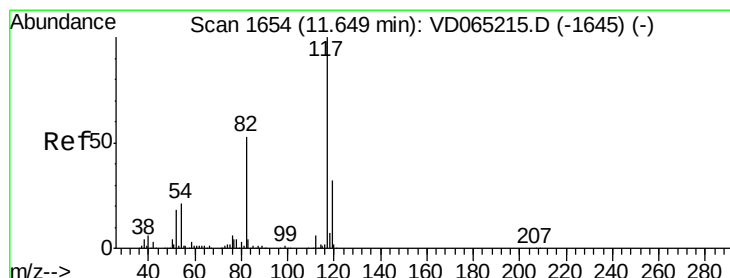
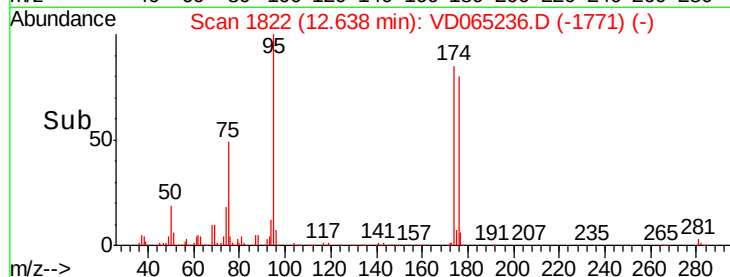
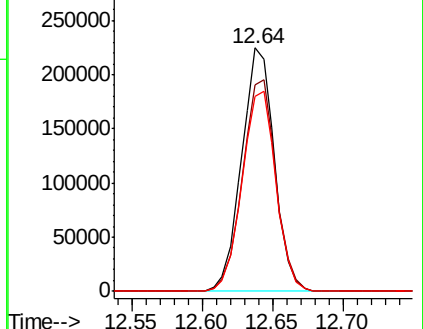
176 85.0 0.0 174.4



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: VD065236.D

Acq: 19 Feb 2020 13:58

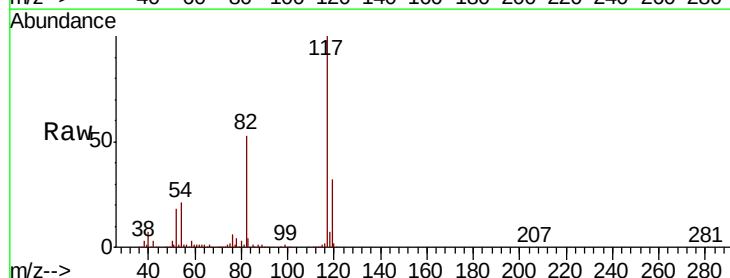
Tgt Ion: 117 Resp: 866039

Ion Ratio Lower Upper

117 100

82 53.4 42.7 64.1

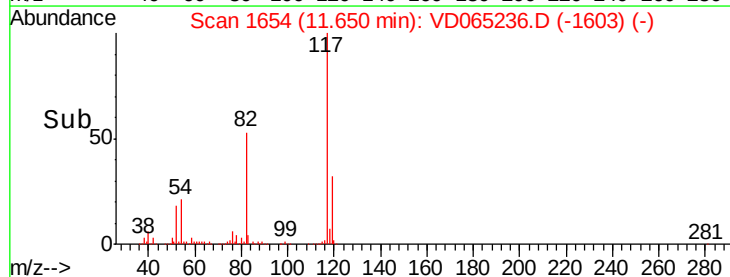
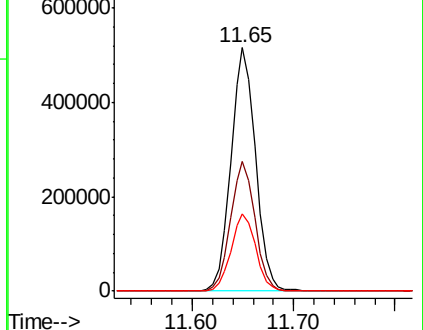
119 31.9 25.5 38.3

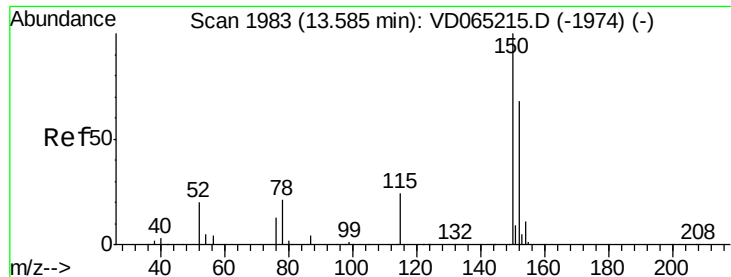


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065236.D

Acq: 19 Feb 2020 13:58

Instrument :

MSVOA_D

ClientSampleId :

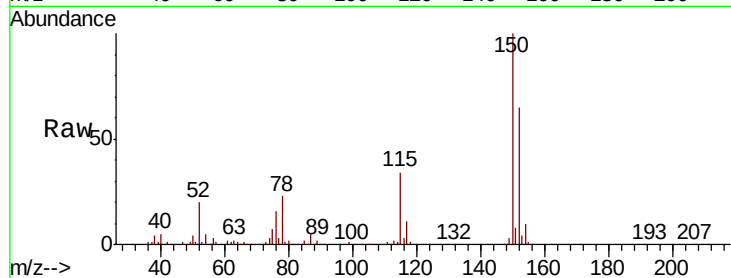
Tot Ion:152 Resp: 404152

Ion Ratio Lower Upper

152 100

115 55.3 27.6 82.8

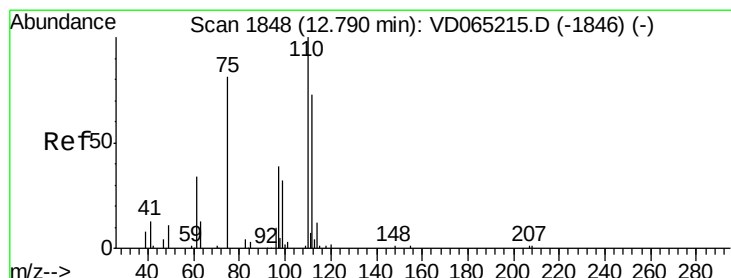
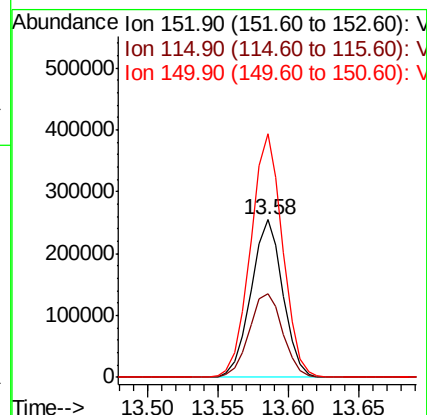
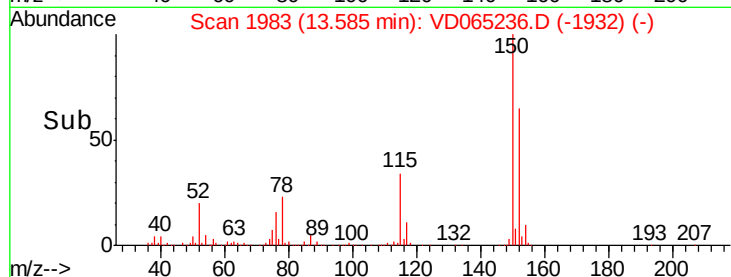
150 155.1 0.0 347.4



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: 52.166 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065236.D

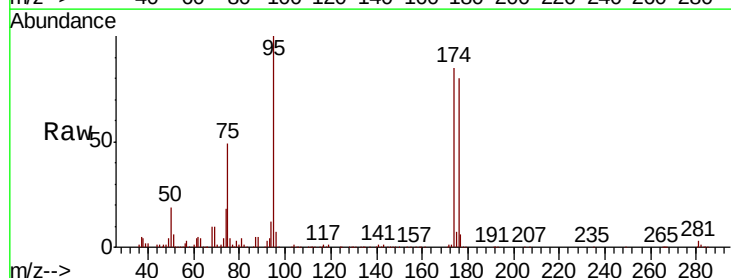
Acq: 19 Feb 2020 13:58

Tgt Ion: 75 Resp: 179381

Ion Ratio Lower Upper

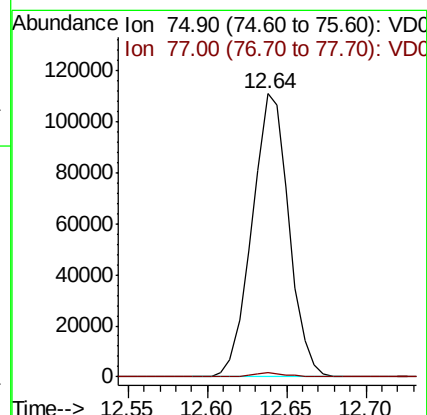
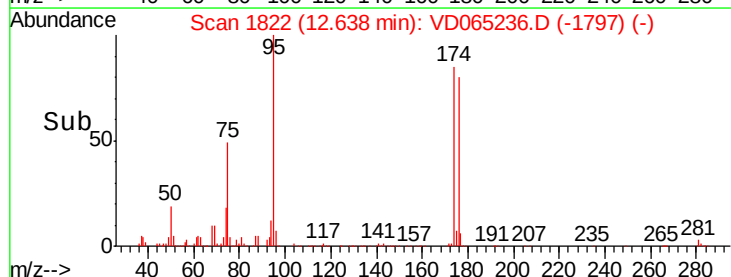
75 100

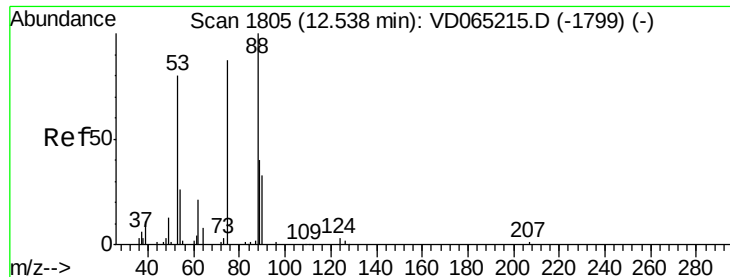
77 1.3 0.0 0.0#



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: 112.636 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065236.D

Acq: 19 Feb 2020 13:58

Instrument :

MSVOA_D

ClientSampleId :

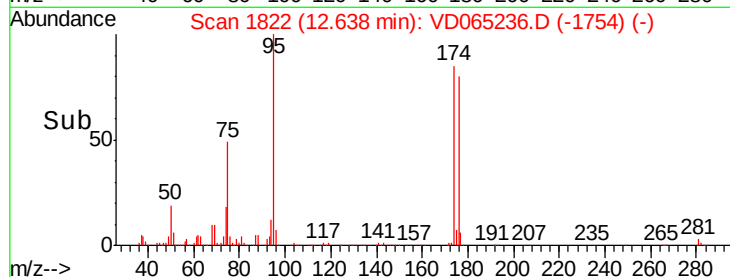
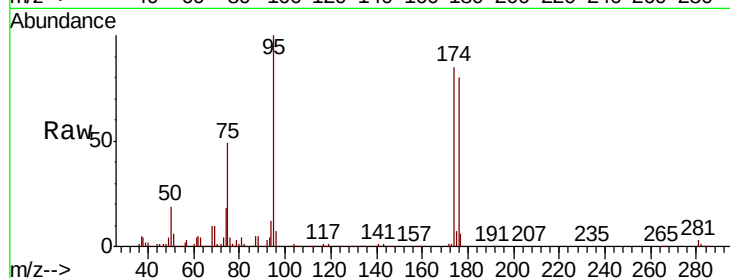
Tot Ion: 75 Resp: 179381

Ion Ratio Lower Upper

75 100

53 0.2 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

