

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065251.D
 Acq On : 20 Feb 2020 12:38
 Operator : VA/SY
 Sample : L1592-02RE
 Misc : 6.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 21 04:02:44 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

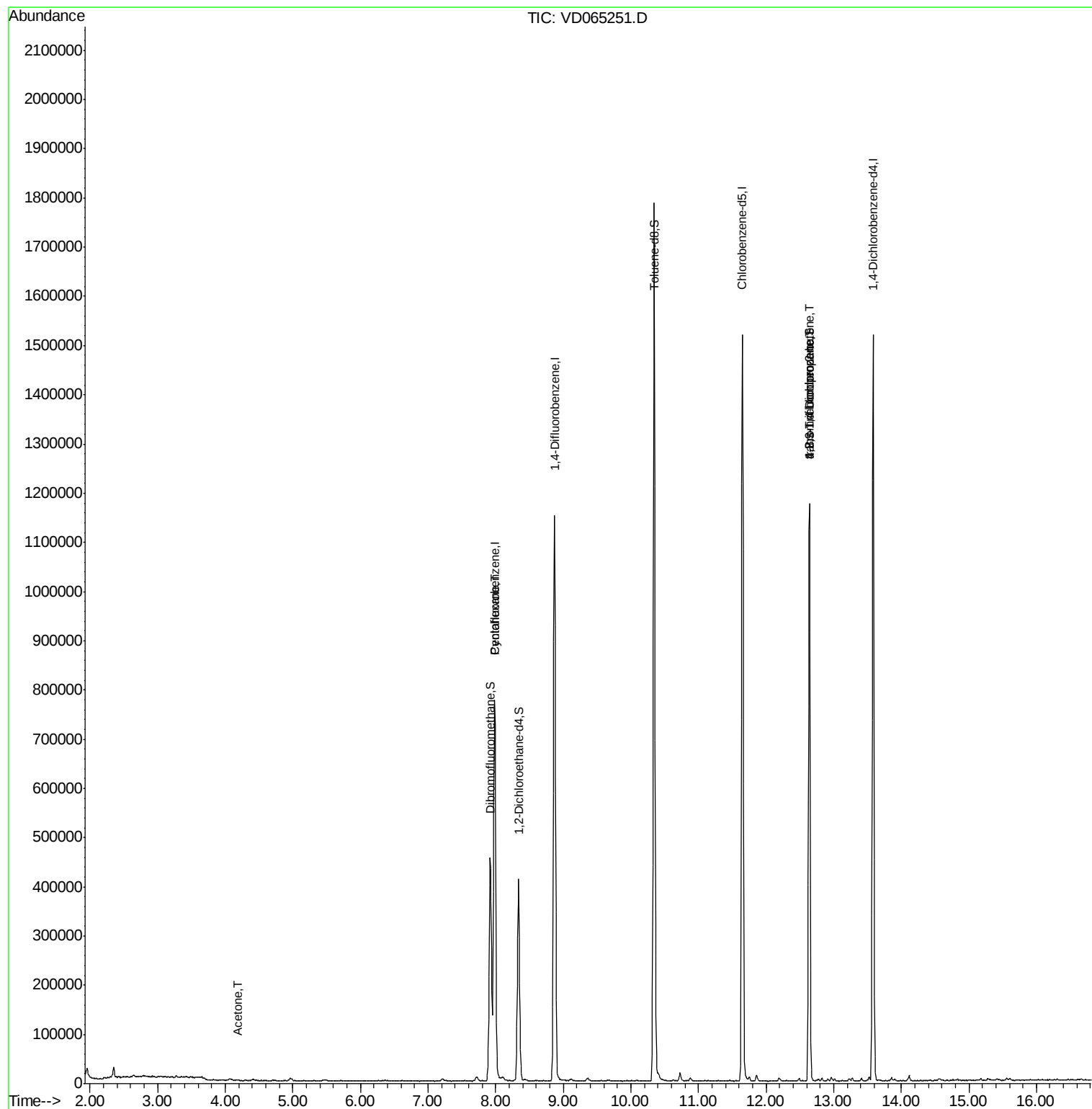
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	600786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1009608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	914103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	416565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	315345	58.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.70%	
35) Dibromofluoromethane	7.92	113	323978	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
50) Toluene-d8	10.34	98	1210946	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.64	95	373558	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
Target Compounds						
					Qvalue	
13) Acrolein	3.93	56	74	Below Cal	#	1
16) Acetone	4.17	43	2314	1.751 ug/l	#	42
20) Methylene Chloride	4.96	84	3436	Below Cal		88
31) Cyclohexane	7.98	56	13358	1.257 ug/l	#	1
76) 1,2,3-Trichloropropane	12.64	75	183632	51.811 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	183632	111.869 ug/l	#	11

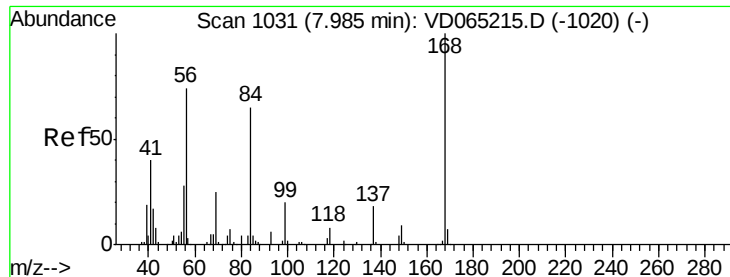
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022020\
Data File : VD065251.D
Acq On : 20 Feb 2020 12:38
Operator : VA/SY
Sample : L1592-02RE
Misc : 6.56G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 21 04:02:44 2020
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: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065251.D

Acq: 20 Feb 2020 12:38

Instrument :

MSVOA_D

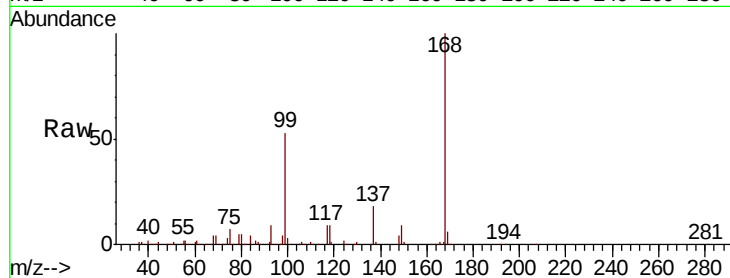
ClientSampled :

Tot Ion:168 Resp: 600786

Ion Ratio Lower Upper

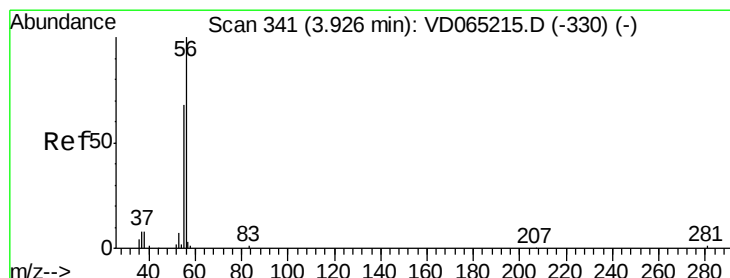
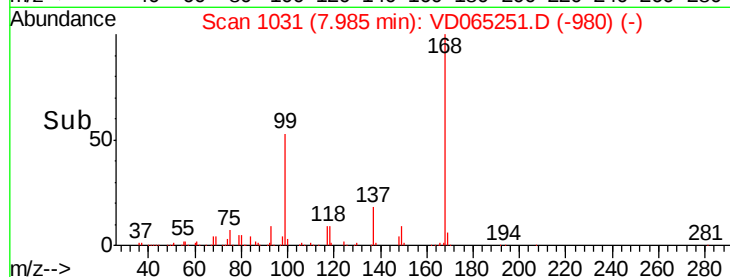
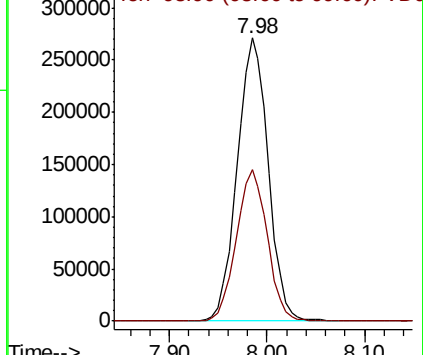
168 100

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: VD065251.D

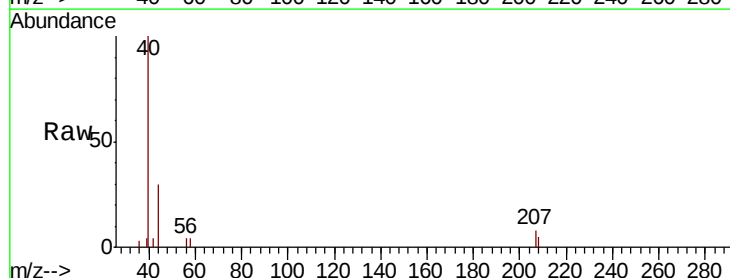
Acq: 20 Feb 2020 12:38

Tgt Ion: 56 Resp: 74

Ion Ratio Lower Upper

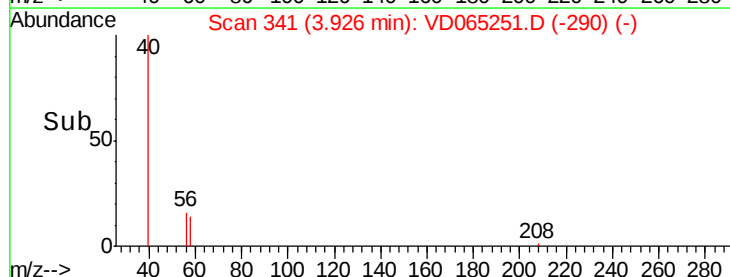
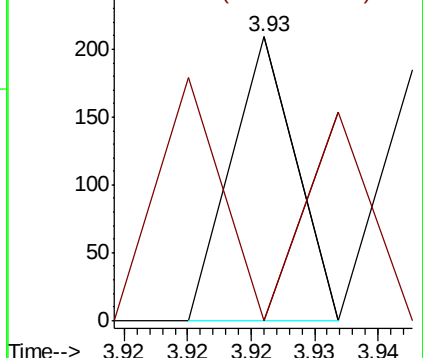
56 100

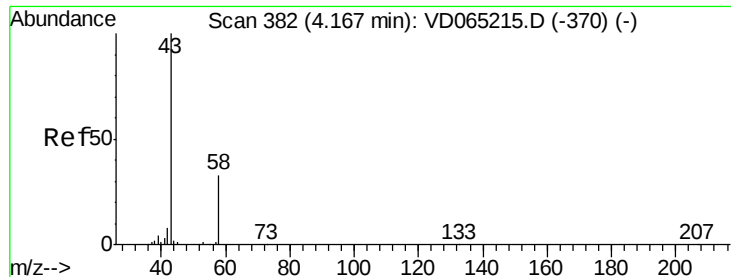
55 159.5 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC





#16

Acetone

Concen: 1.751 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065251.D

Acq: 20 Feb 2020 12:38

Instrument :

MSVOA_D

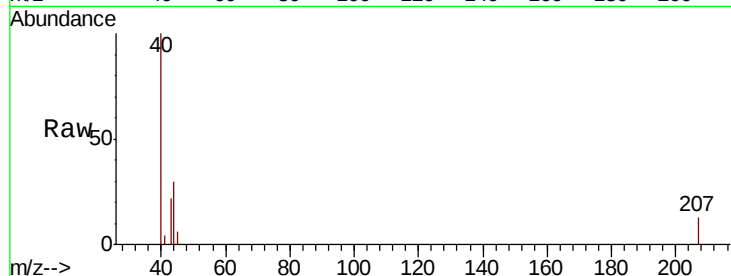
ClientSampleId :

Tot Ion: 43 Resp: 2314

Ion Ratio Lower Upper

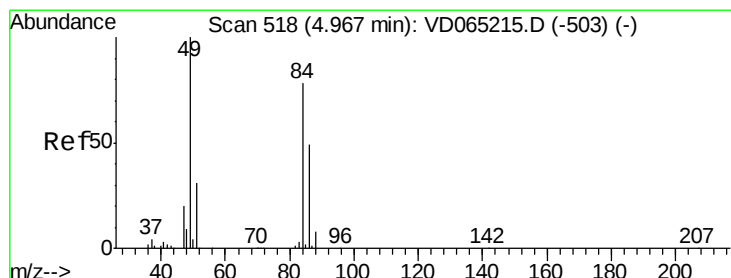
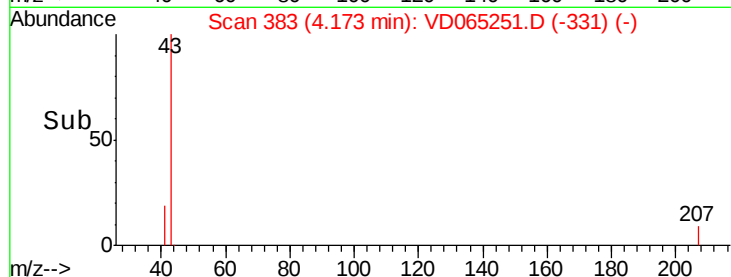
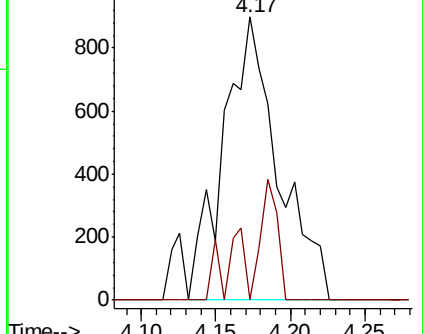
43 100

58 0.0 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: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD065251.D

Acq: 20 Feb 2020 12:38

Tgt Ion: 84 Resp: 3436

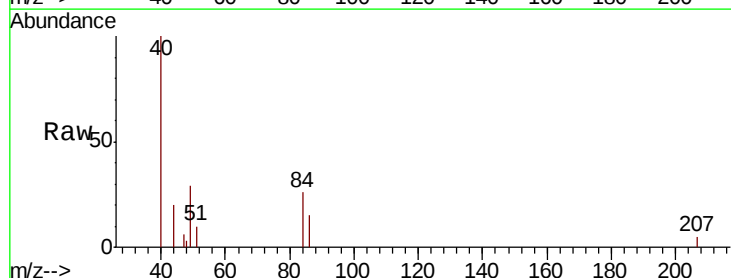
Ion Ratio Lower Upper

84 100

49 109.6 103.1 154.7

51 37.3 31.7 47.5

86 59.0 50.9 76.3

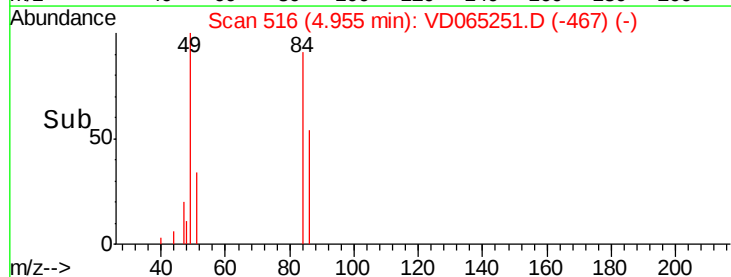
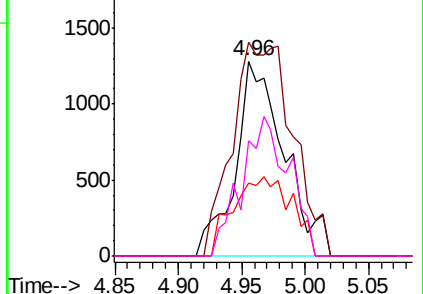


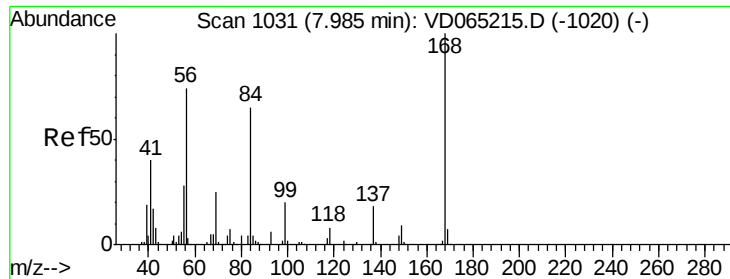
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

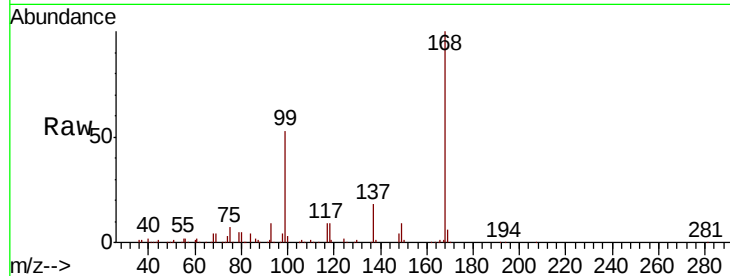




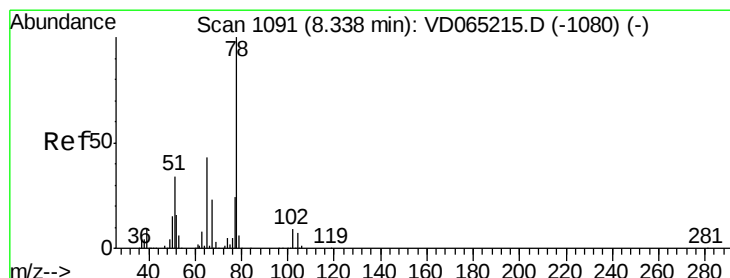
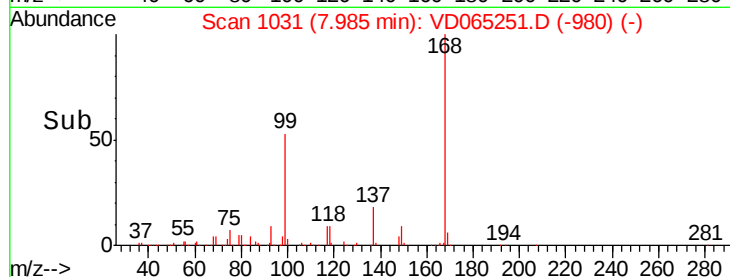
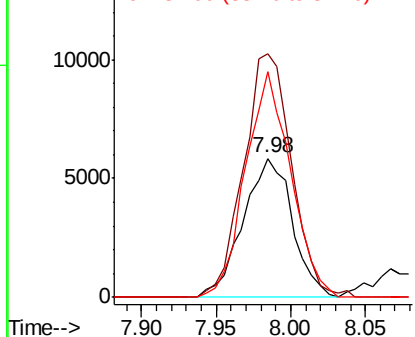
#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065251.D
Acq: 20 Feb 2020 12:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 13358
Ion Ratio Lower Upper
56 100
69 175.3 27.4 41.0#
84 162.8 71.1 106.7#

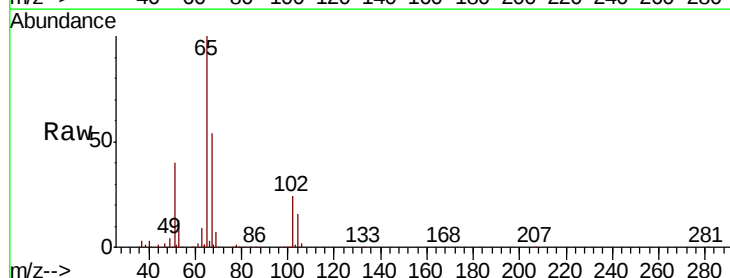


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

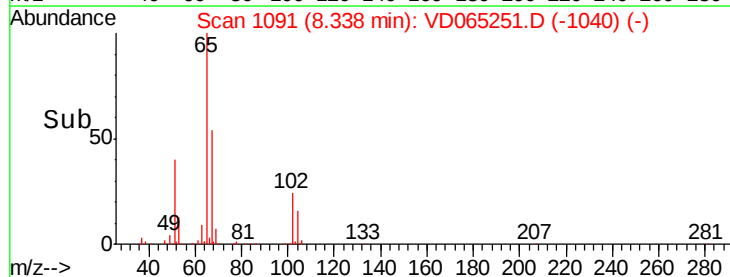
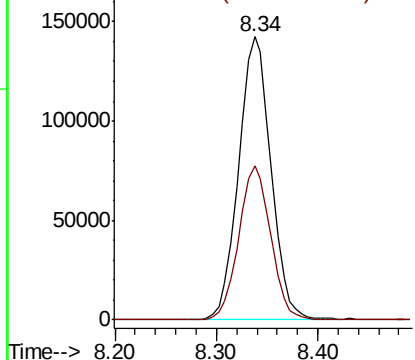


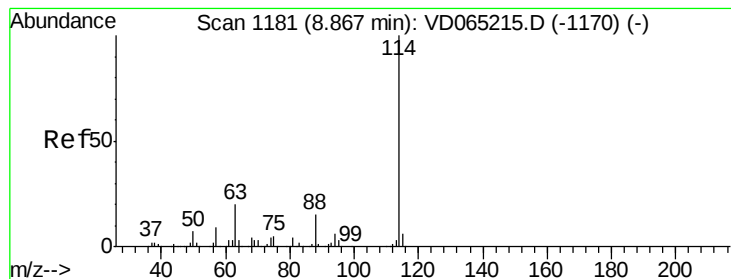
#33
1,2-Dichloroethane-d4
Concen: 58.346 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065251.D
Acq: 20 Feb 2020 12:38

Tgt Ion: 65 Resp: 315345
Ion Ratio Lower Upper
65 100
67 53.7 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# 1182

Delta R.T. 0.01 min

Lab File: VD065251.D

Acq: 20 Feb 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

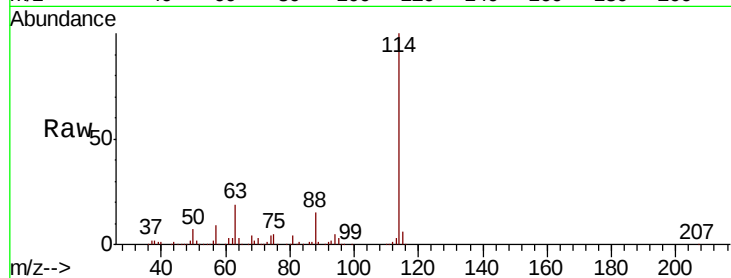
Tot Ion:114 Resp: 1009608

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.4

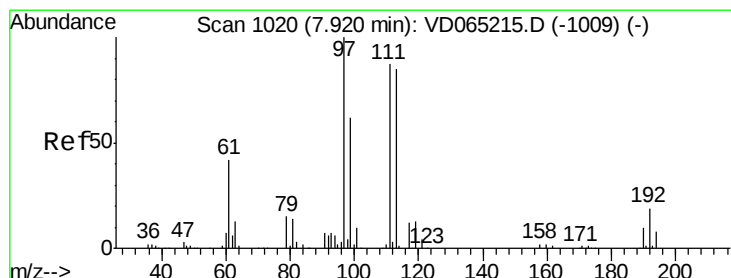
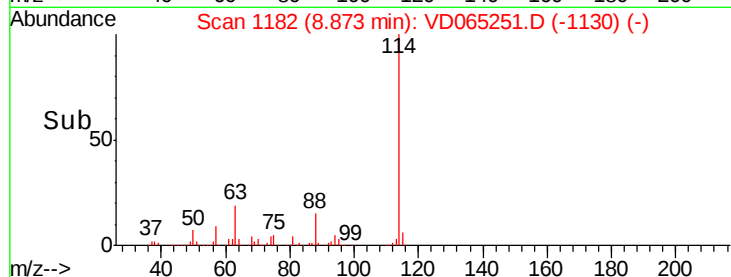
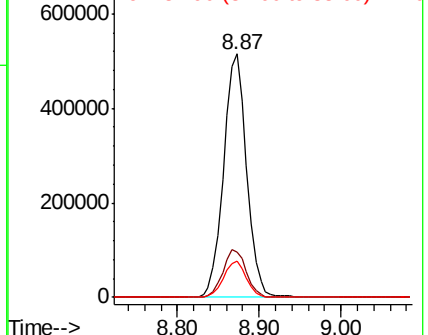
88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 52.628 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065251.D

Acq: 20 Feb 2020 12:38

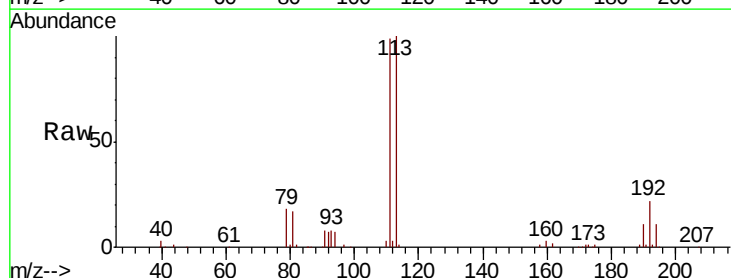
Tgt Ion:113 Resp: 323978

Ion Ratio Lower Upper

113 100

111 100.8 82.9 124.3

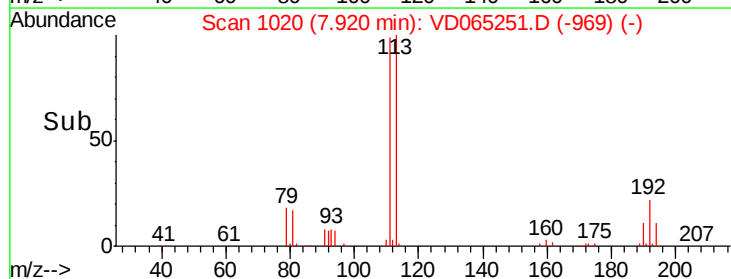
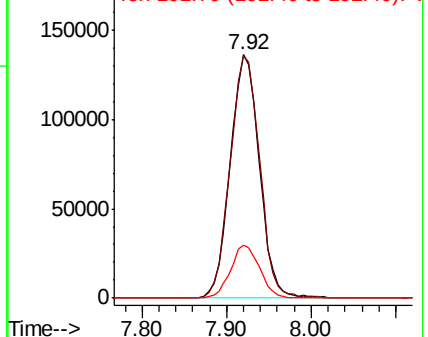
192 21.6 17.3 25.9

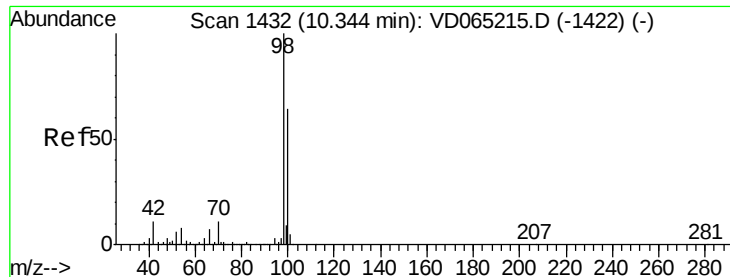


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

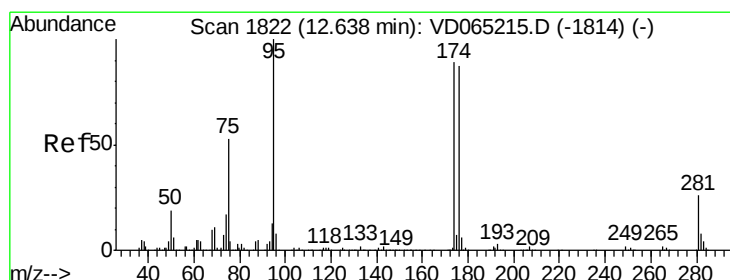
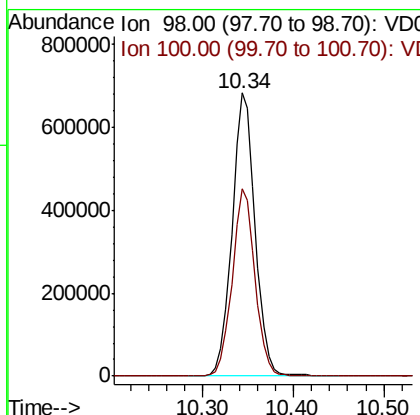
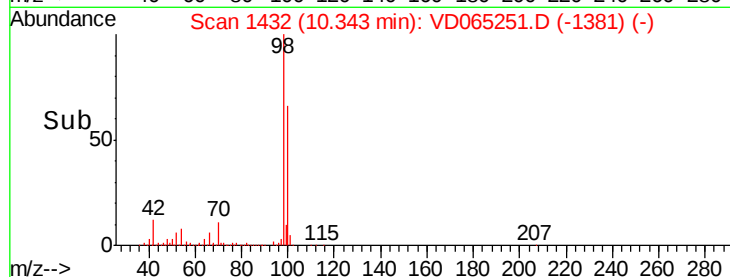
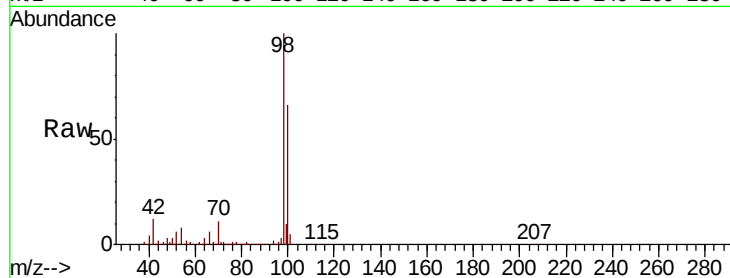




#50
Toluene-d8
Concen: 51.456 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065215.D
Acq: 20 Feb 2020 12:38

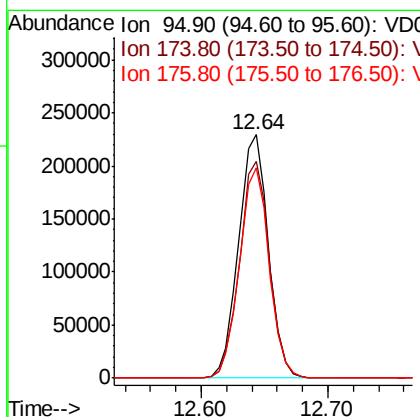
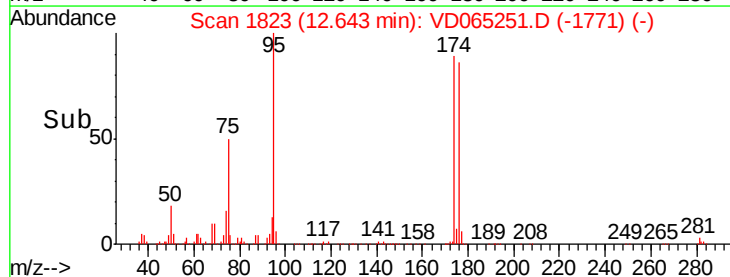
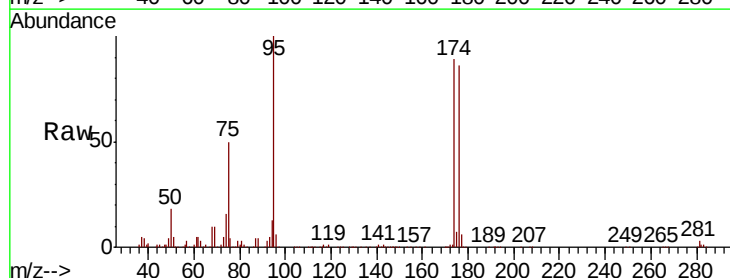
Instrument :
MSVOA_D
ClientSampleId :

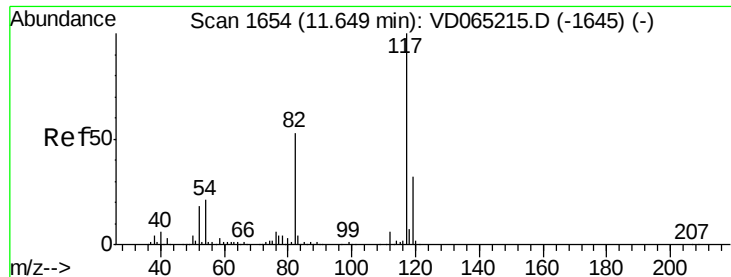
Tot Ion: 98 Resp: 1210946
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.106 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065215.D
Acq: 20 Feb 2020 12:38

Tgt Ion: 95 Resp: 373558
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.0
176 86.1 0.0 174.4

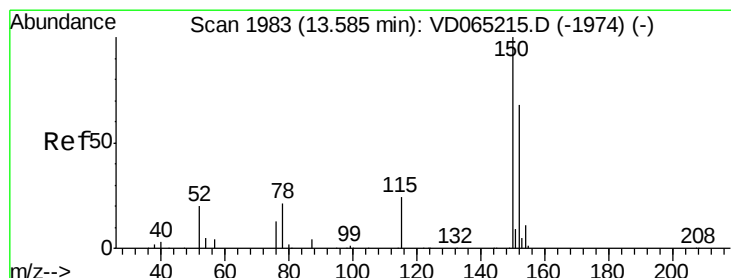
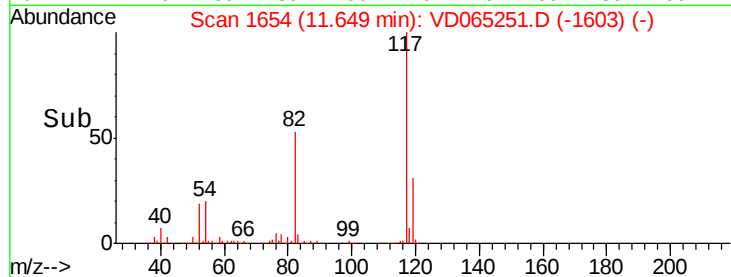
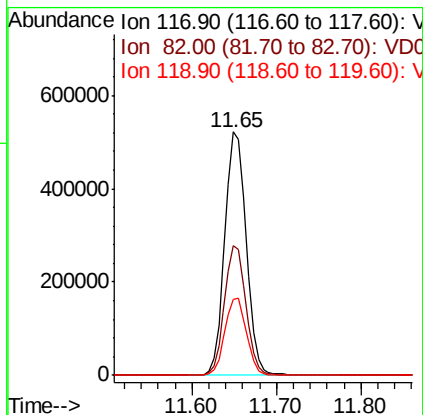
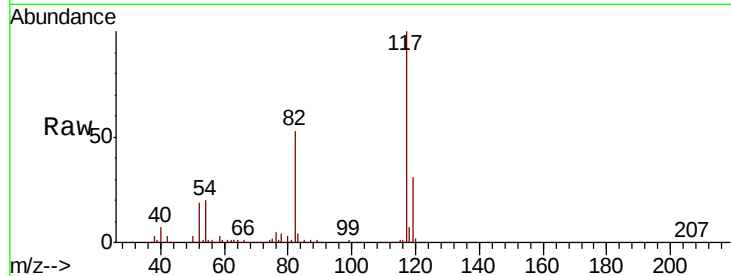




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065251.D
Acq: 20 Feb 2020 12:38

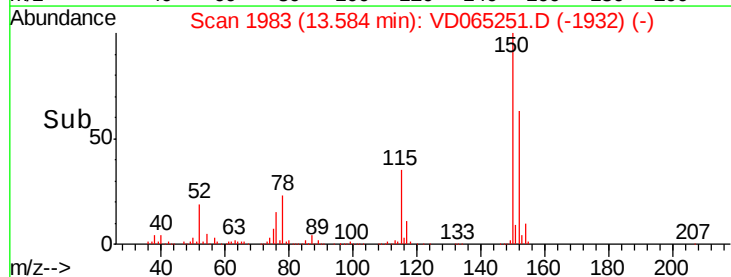
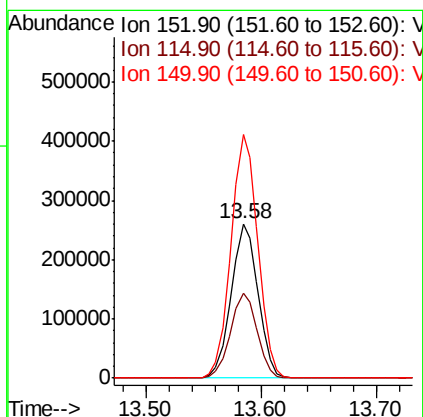
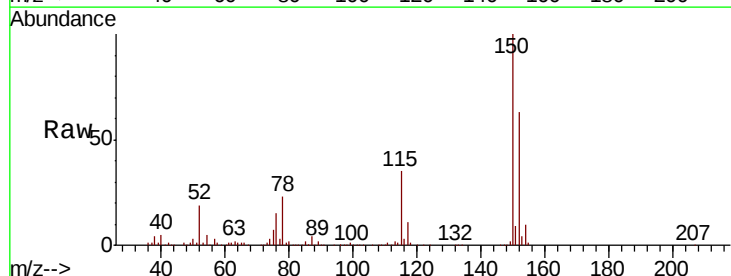
Instrument :
MSVOA_D
ClientSampleId :

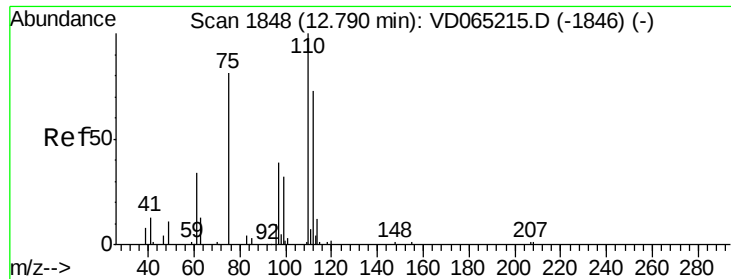
Tot Ion:117 Resp: 914103
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 30.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065251.D
Acq: 20 Feb 2020 12:38

Tgt Ion:152 Resp: 416565
Ion Ratio Lower Upper
152 100
115 55.0 27.6 82.8
150 158.1 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 51.811 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065251.D

Acq: 20 Feb 2020 12:38

Instrument :

MSVOA_D

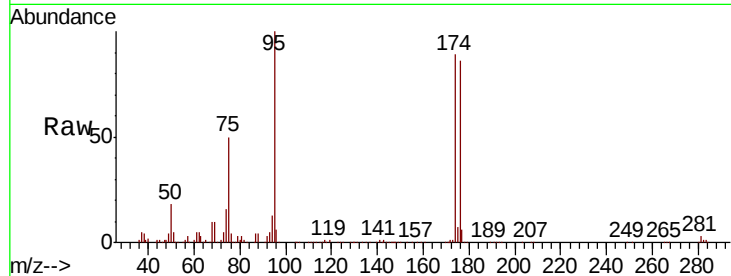
ClientSampled :

Tot Ion: 75 Resp: 183632

Ion Ratio Lower Upper

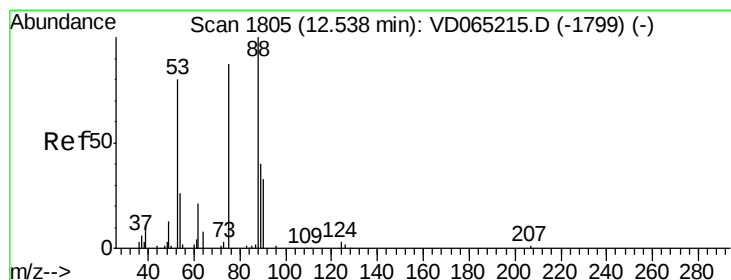
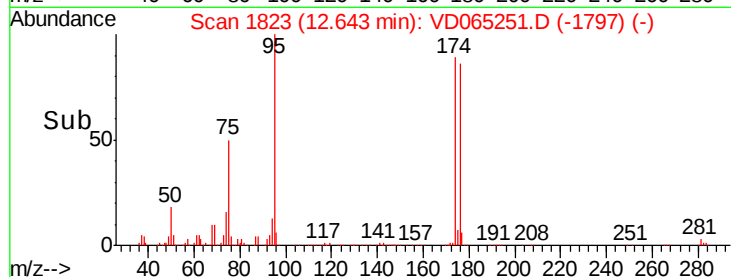
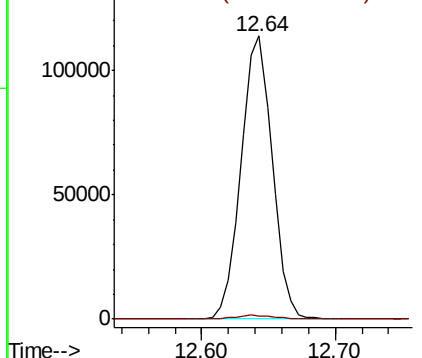
75 100

77 1.5 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: 111.869 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065251.D

Acq: 20 Feb 2020 12:38

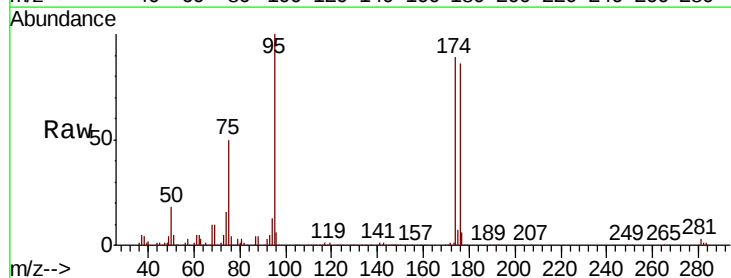
Tgt Ion: 75 Resp: 183632

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

