

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065385.D
 Acq On : 03 Mar 2020 10:45
 Operator : VA/SY
 Sample : VD0303SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 04:51:16 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

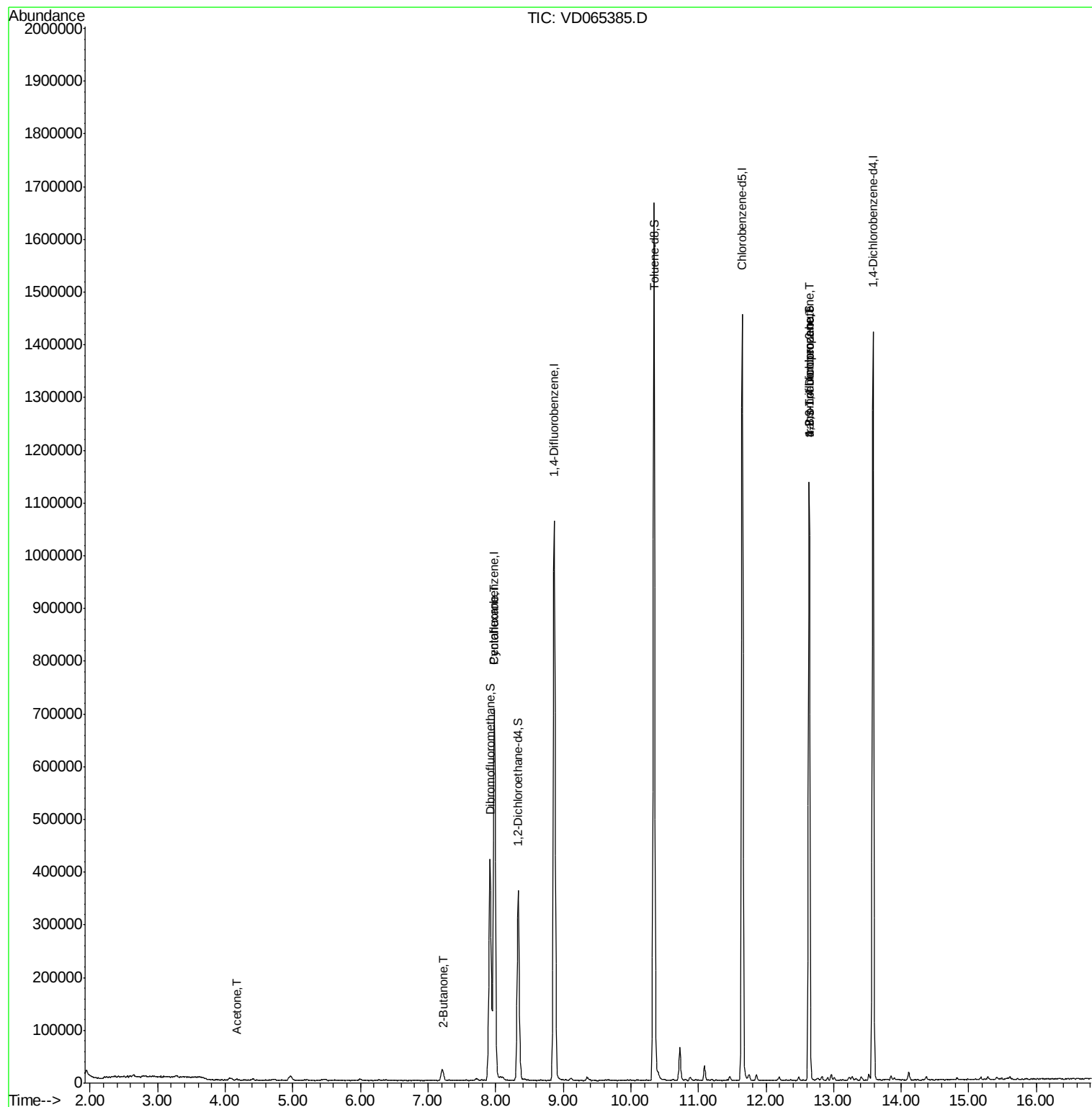
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	556628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	937855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	854401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	386992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	278872	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
35) Dibromofluoromethane	7.92	113	300921	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
50) Toluene-d8	10.34	98	1132848	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.64	95	343243	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
Target Compounds						
					Qvalue	
13) Acrolein	3.67	56	58	Below Cal	#	1
16) Acetone	4.17	43	3122	2.551	ug/l #	87
20) Methylene Chloride	4.96	84	7375	Below Cal	#	83
25) 2-Butanone	7.23	43	1775	1.146	ug/l #	49
31) Cyclohexane	7.98	56	12111	1.230	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	164301	49.899	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	164301	107.742	ug/l #	11

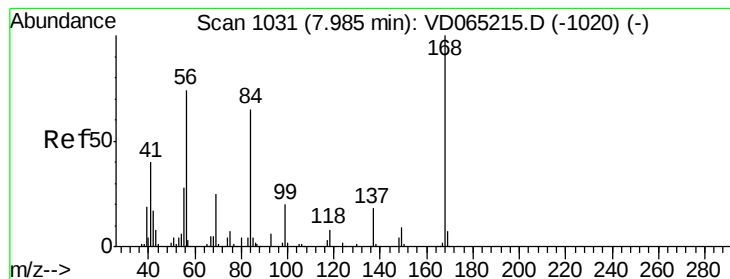
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030320\
Data File : VD065385.D
Acq On : 03 Mar 2020 10:45
Operator : VA/SY
Sample : VD0303SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Mar 04 04:51:16 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# 1030

Delta R.T. -0.01 min

Lab File: VD065385.D

Acq: 03 Mar 2020 10:45

Instrument :

MSVOA_D

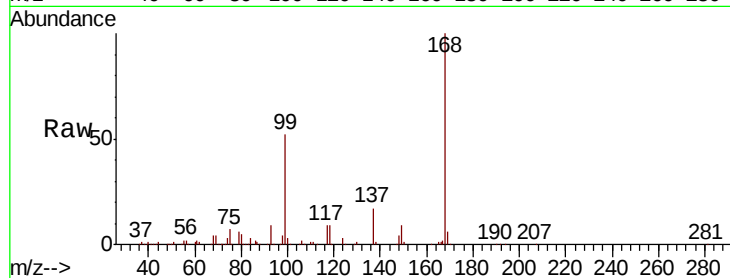
ClientSampleId :

Tot Ion:168 Resp: 556628

Ion Ratio Lower Upper

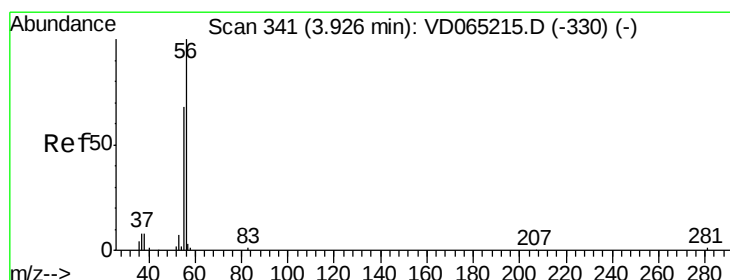
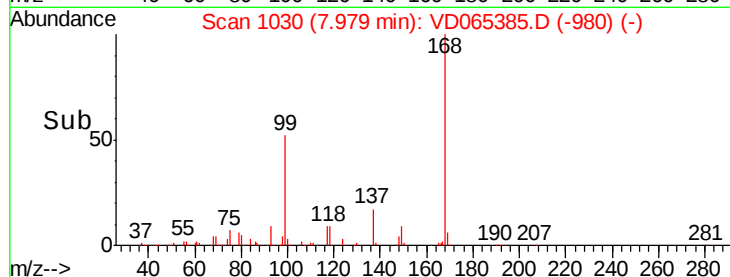
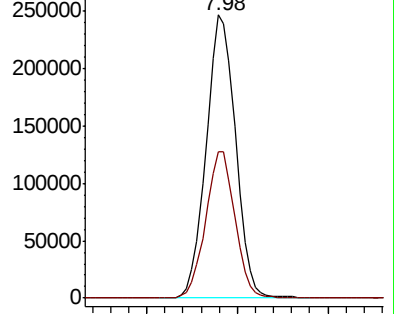
168 100

99 51.5 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: 3.67 min Scan# 298

Delta R.T. -0.25 min

Lab File: VD065385.D

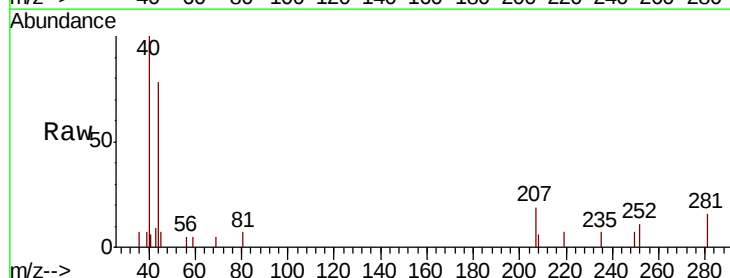
Acq: 03 Mar 2020 10:45

Tgt Ion: 56 Resp: 58

Ion Ratio Lower Upper

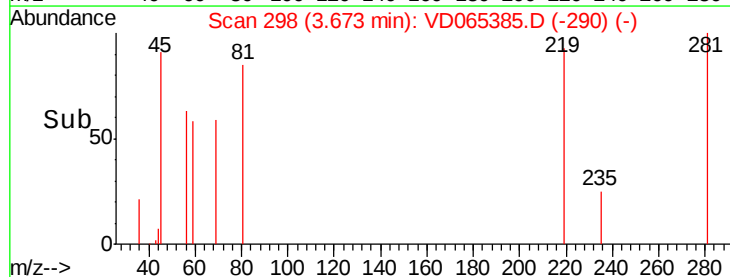
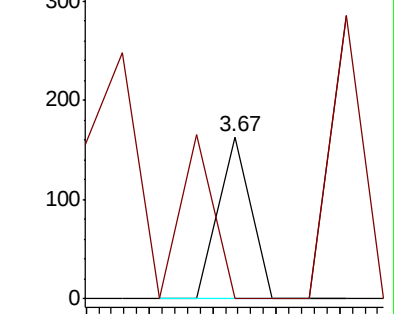
56 100

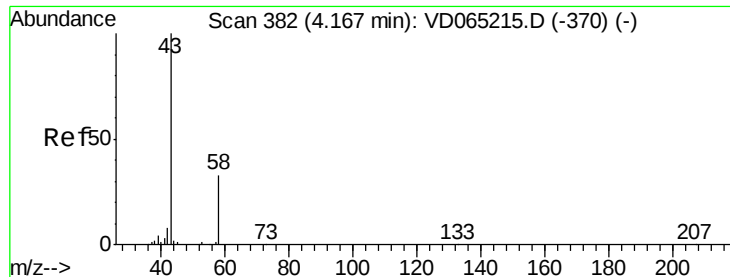
55 174.1 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC





#16

Acetone

Concen: 2.551 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065385.D

Acq: 03 Mar 2020 10:45

Instrument :

MSVOA_D

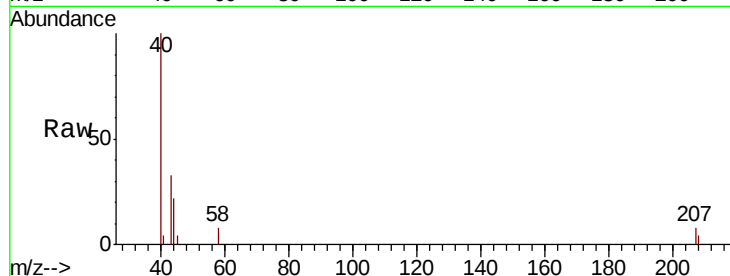
ClientSampleId :

Tot Ion: 43 Resp: 3122

Ion Ratio Lower Upper

43 100

58 25.5 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

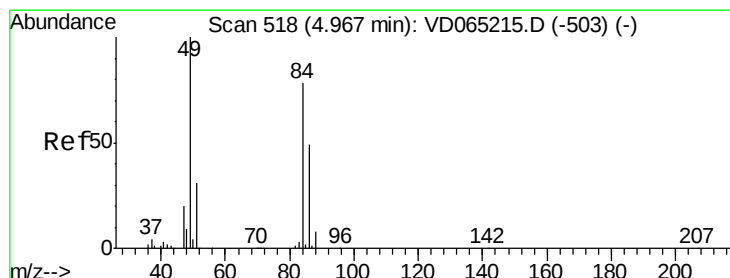
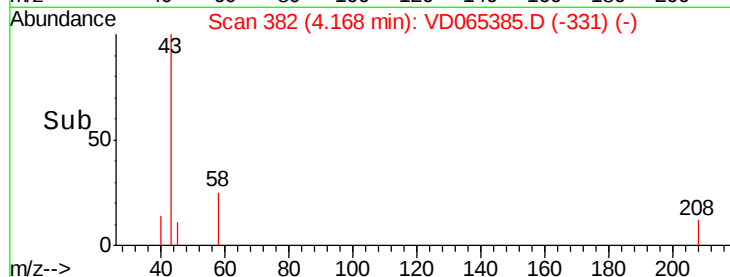
1500

1000

500

0

Time--> 4.05 4.10 4.15 4.20 4.25



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD065385.D

Acq: 03 Mar 2020 10:45

Tgt Ion: 84 Resp: 7375

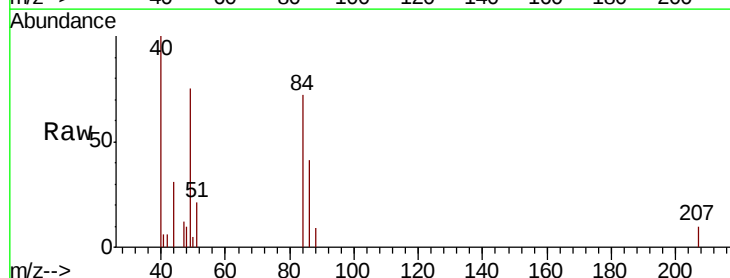
Ion Ratio Lower Upper

84 100

49 104.2 103.1 154.7

51 29.1 31.7 47.5#

86 56.4 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

4000

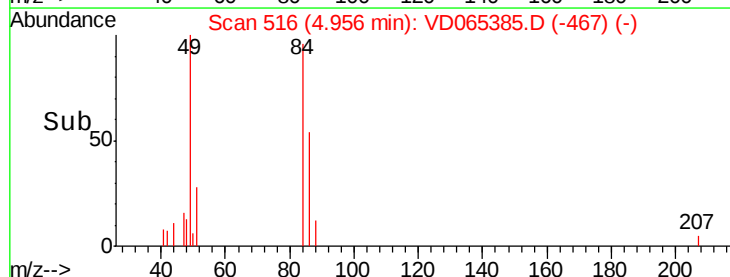
3000

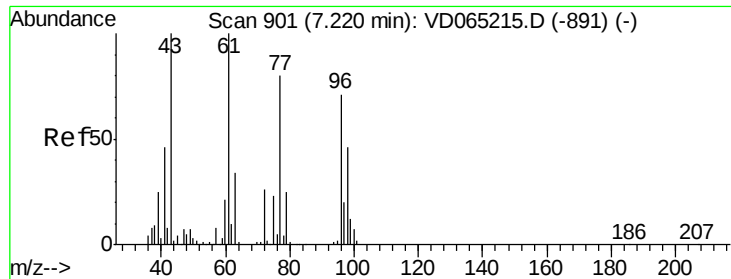
2000

1000

0

Time--> 4.90 5.00

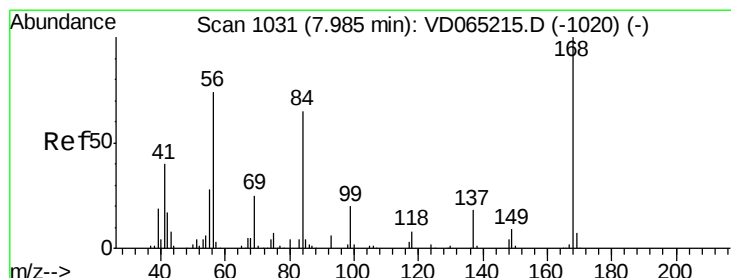
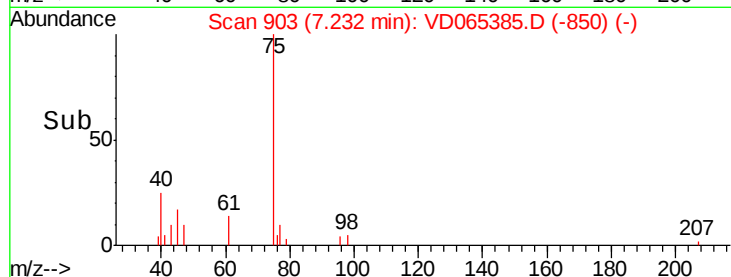
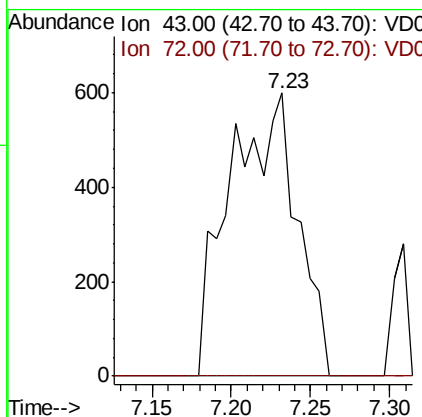
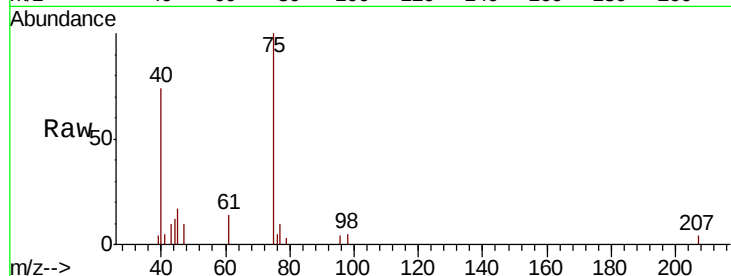




#25
2-Butanone
Concen: 1.146 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD065385.D
Acq: 03 Mar 2020 10:45

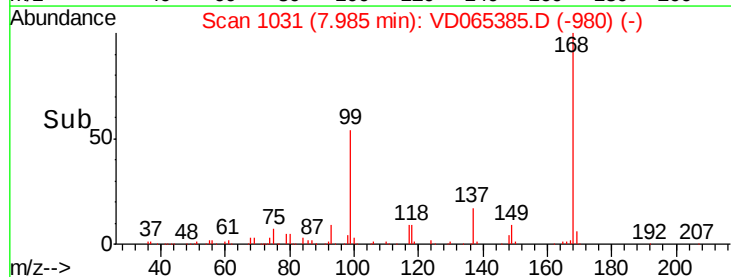
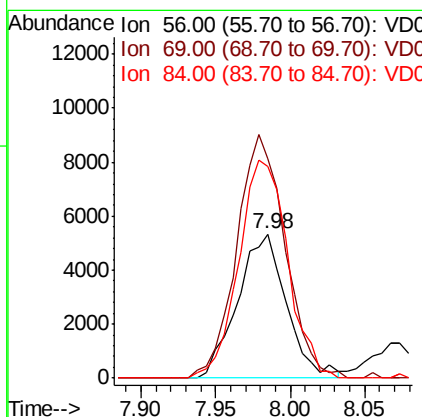
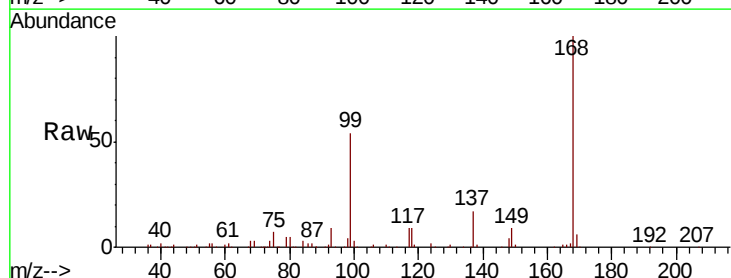
Instrument :
MSVOA_D
ClientSampleId :

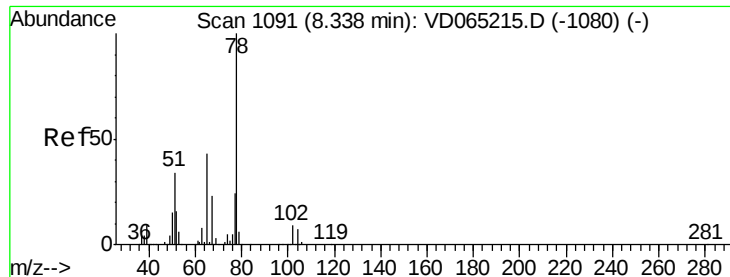
Tot Ion: 43 Resp: 1775
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065385.D
Acq: 03 Mar 2020 10:45

Tgt Ion: 56 Resp: 12111
Ion Ratio Lower Upper
56 100
69 152.3 27.4 41.0#
84 146.8 71.1 106.7#

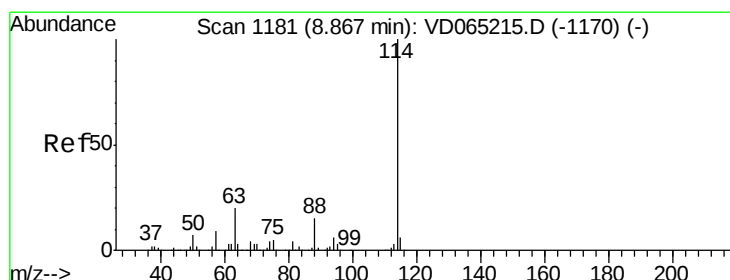
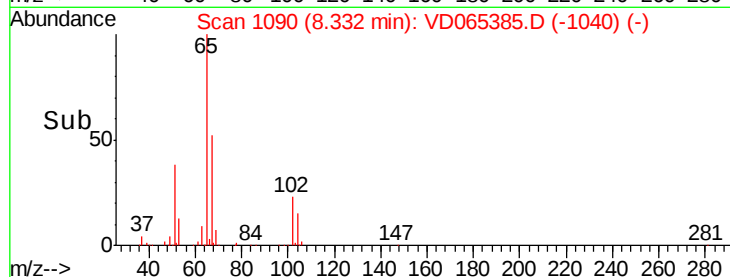
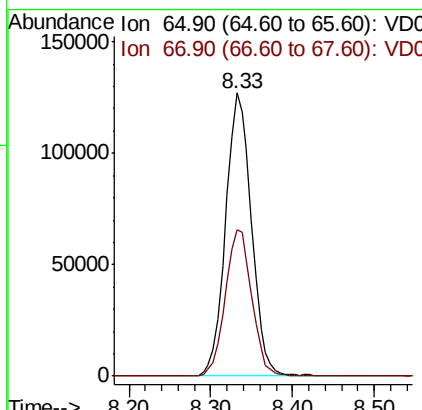
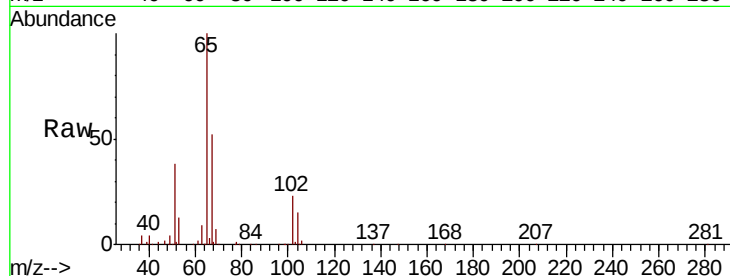




#33
 1,2-Dichloroethane-d4
 Concen: 55.691 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065385.D
 Acq: 03 Mar 2020 10:45

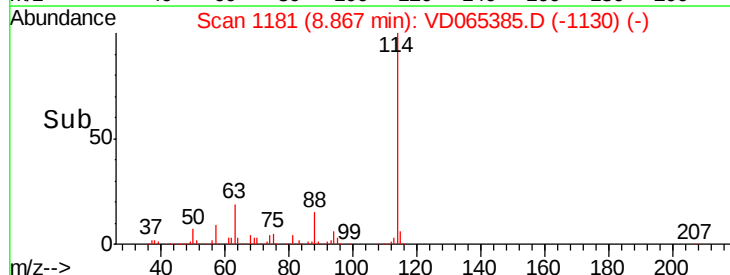
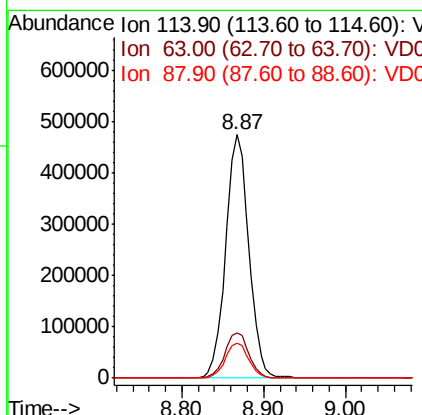
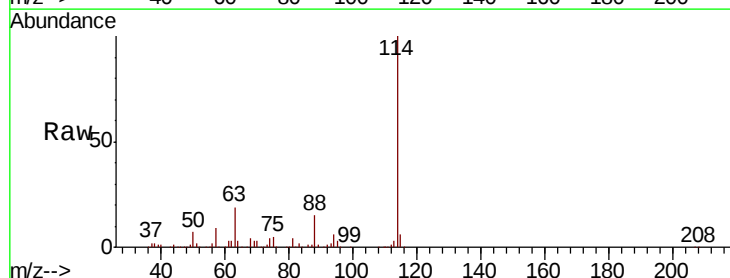
Instrument :
 MSVOA_D
 ClientSampleId :

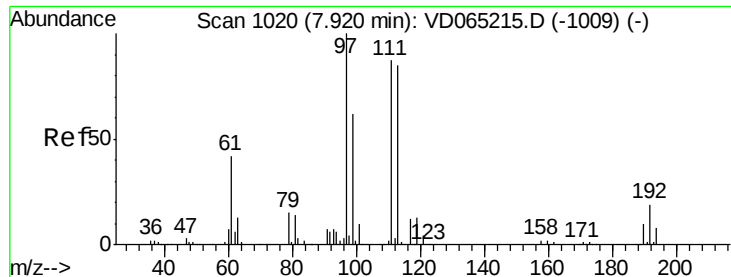
Tot Ion: 65 Resp: 278872
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065385.D
 Acq: 03 Mar 2020 10:45

Tgt Ion: 114 Resp: 937855
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.4
 88 14.5 0.0 30.4

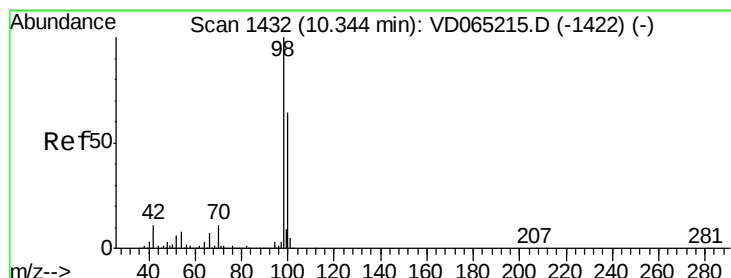
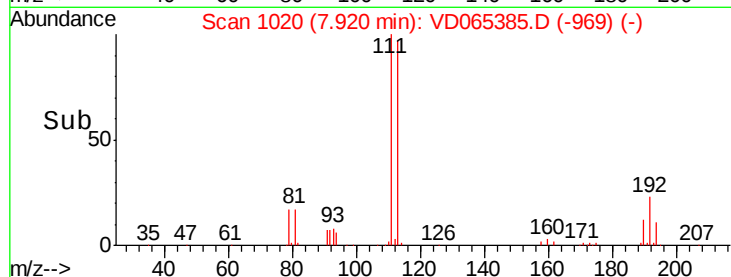
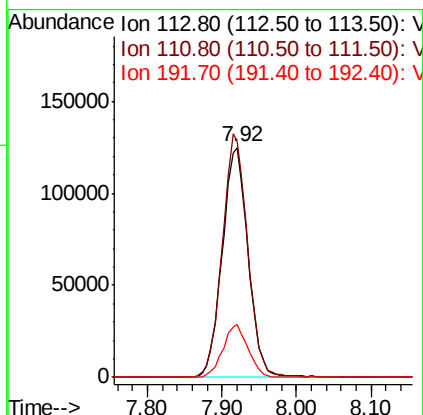
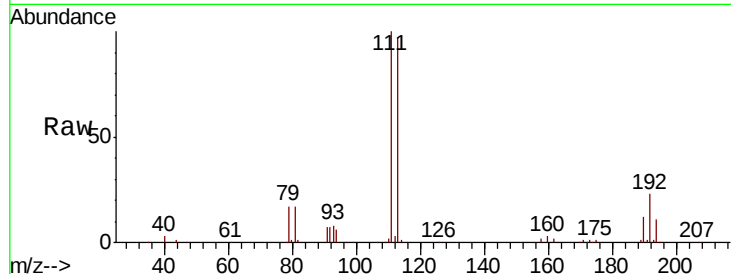




#35
 Dibromofluoromethane
 Concen: 52.622 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065385.D
 Acq: 03 Mar 2020 10:45

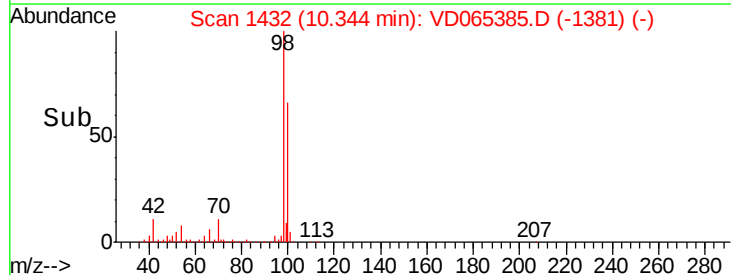
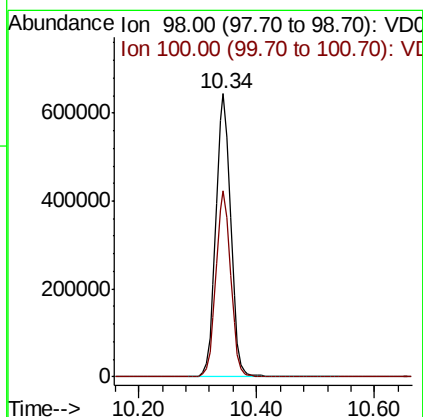
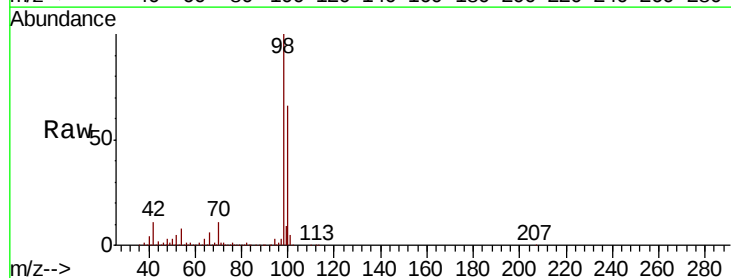
Instrument :
 MSVOA_D
 ClientSampleId :

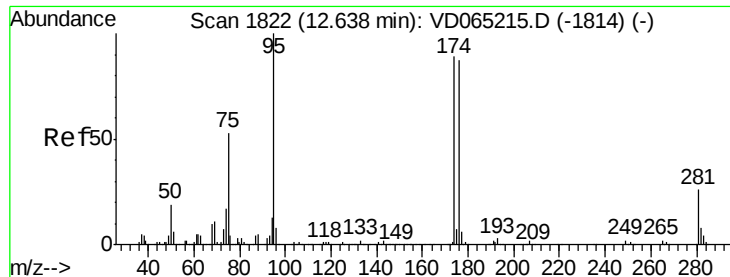
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	22.4	17.3	25.9



#50
 Toluene-d8
 Concen: 51.820 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065385.D
 Acq: 03 Mar 2020 10:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0

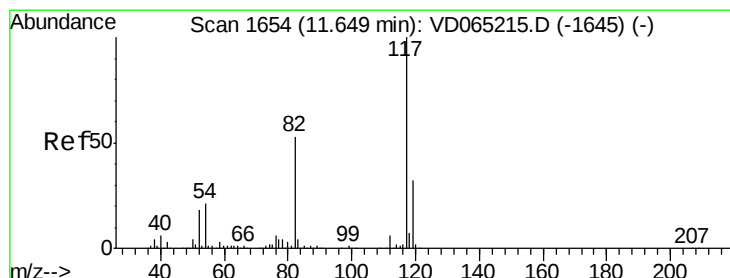
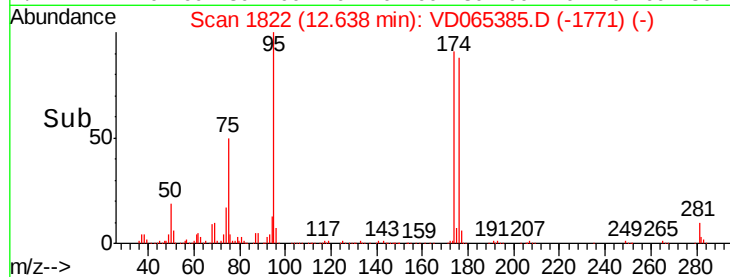
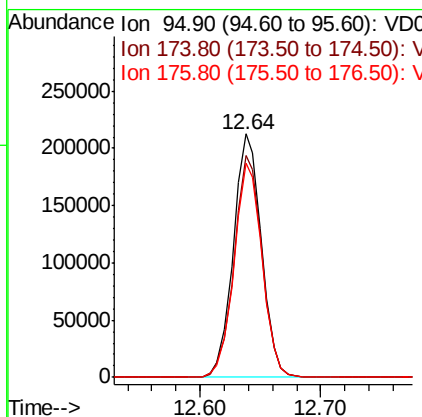
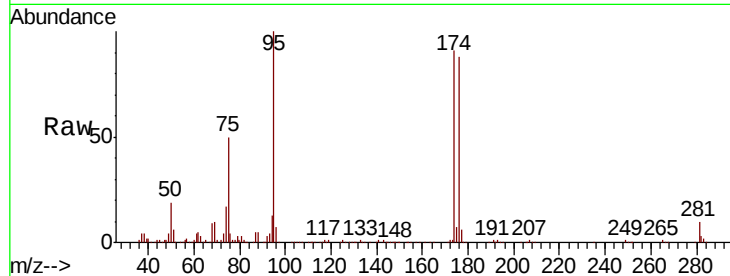




#62
4-Bromofluorobenzene
Concen: 49.562 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065385.D
Acq: 03 Mar 2020 10:45

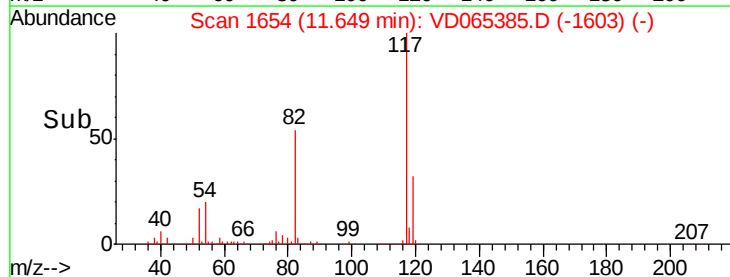
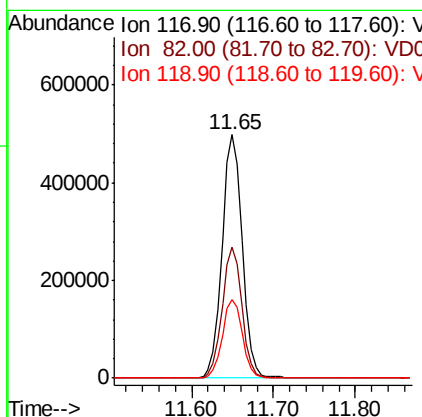
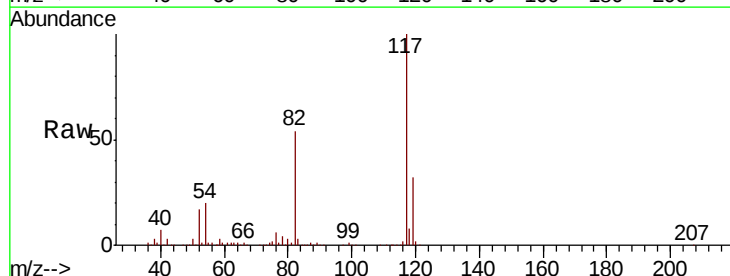
Instrument :
MSVOA_D
ClientSampleId :

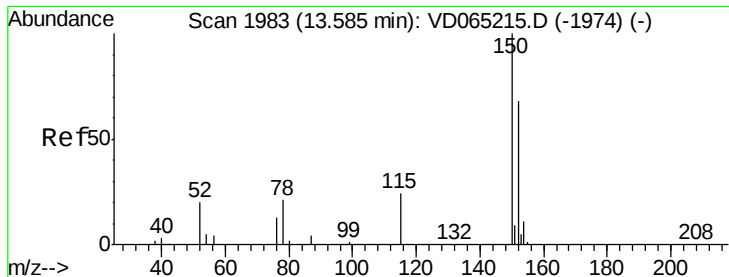
Tot Ion: 95 Resp: 343243
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.0
176 87.9 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065385.D
Acq: 03 Mar 2020 10:45

Tgt Ion: 117 Resp: 854401
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 32.3 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: VD065385.D

Acq: 03 Mar 2020 10:45

Instrument :

MSVOA_D

ClientSampled :

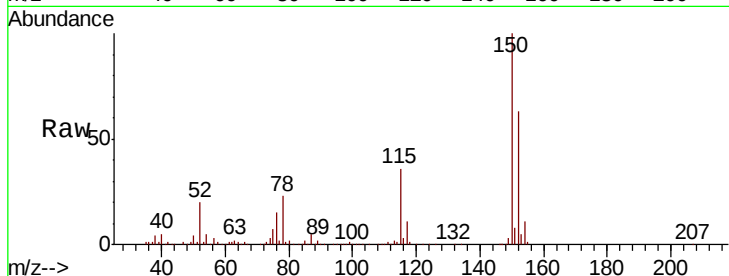
Tot Ion:152 Resp: 386992

Ion Ratio Lower Upper

152 100

115 56.6 27.6 82.8

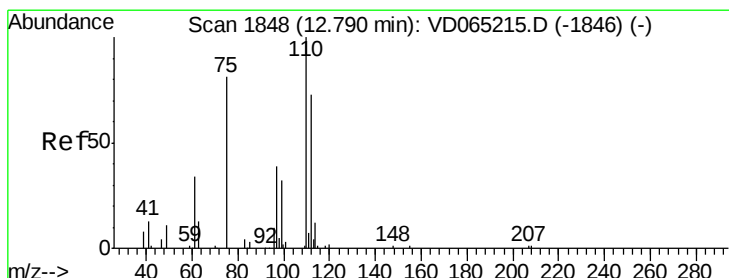
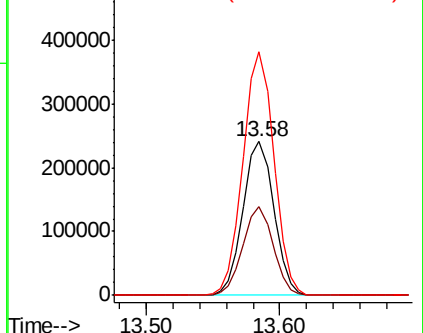
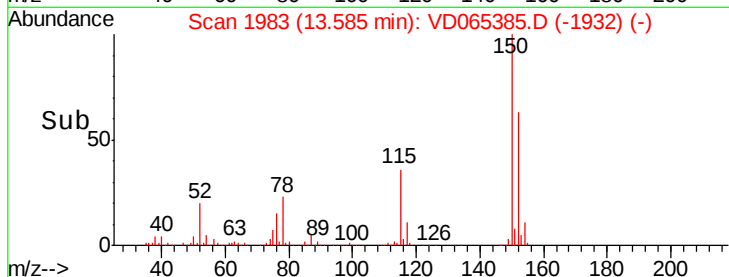
150 158.7 0.0 347.4



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: 49.899 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065385.D

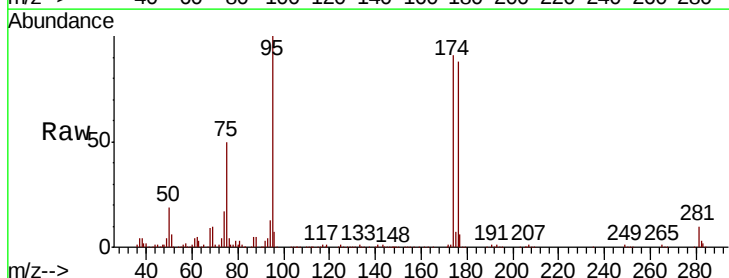
Acq: 03 Mar 2020 10:45

Tgt Ion: 75 Resp: 164301

Ion Ratio Lower Upper

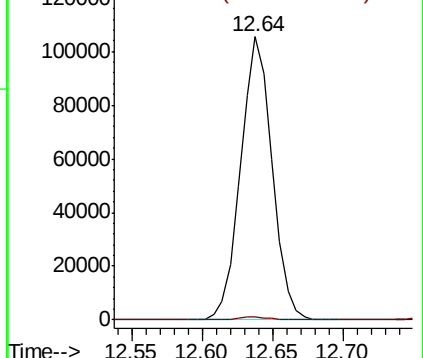
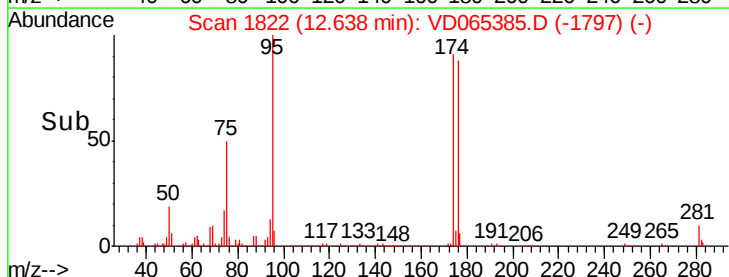
75 100

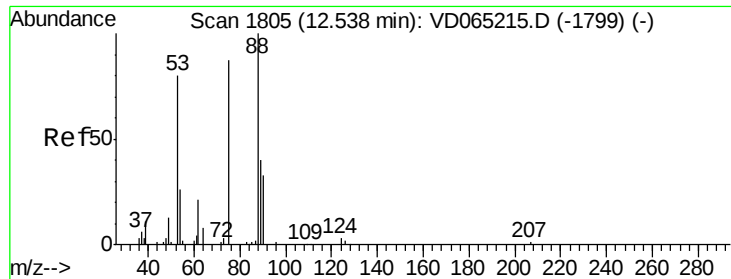
77 1.3 0.0 0.0#



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: 107.742 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065385.D

Acq: 03 Mar 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

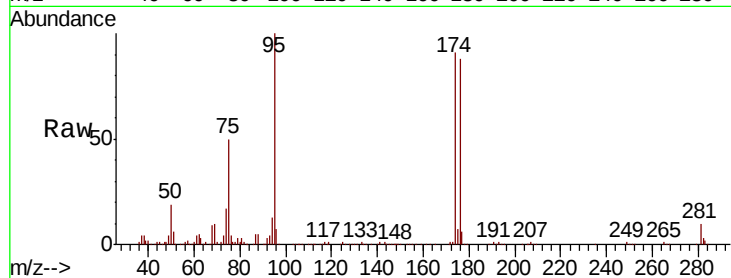
Tot Ion: 75 Resp: 164301

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

