

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022420\
 Data File : VD065285.D
 Acq On : 24 Feb 2020 10:37
 Operator : VA/SY
 Sample : VD0224SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 01:19:19 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

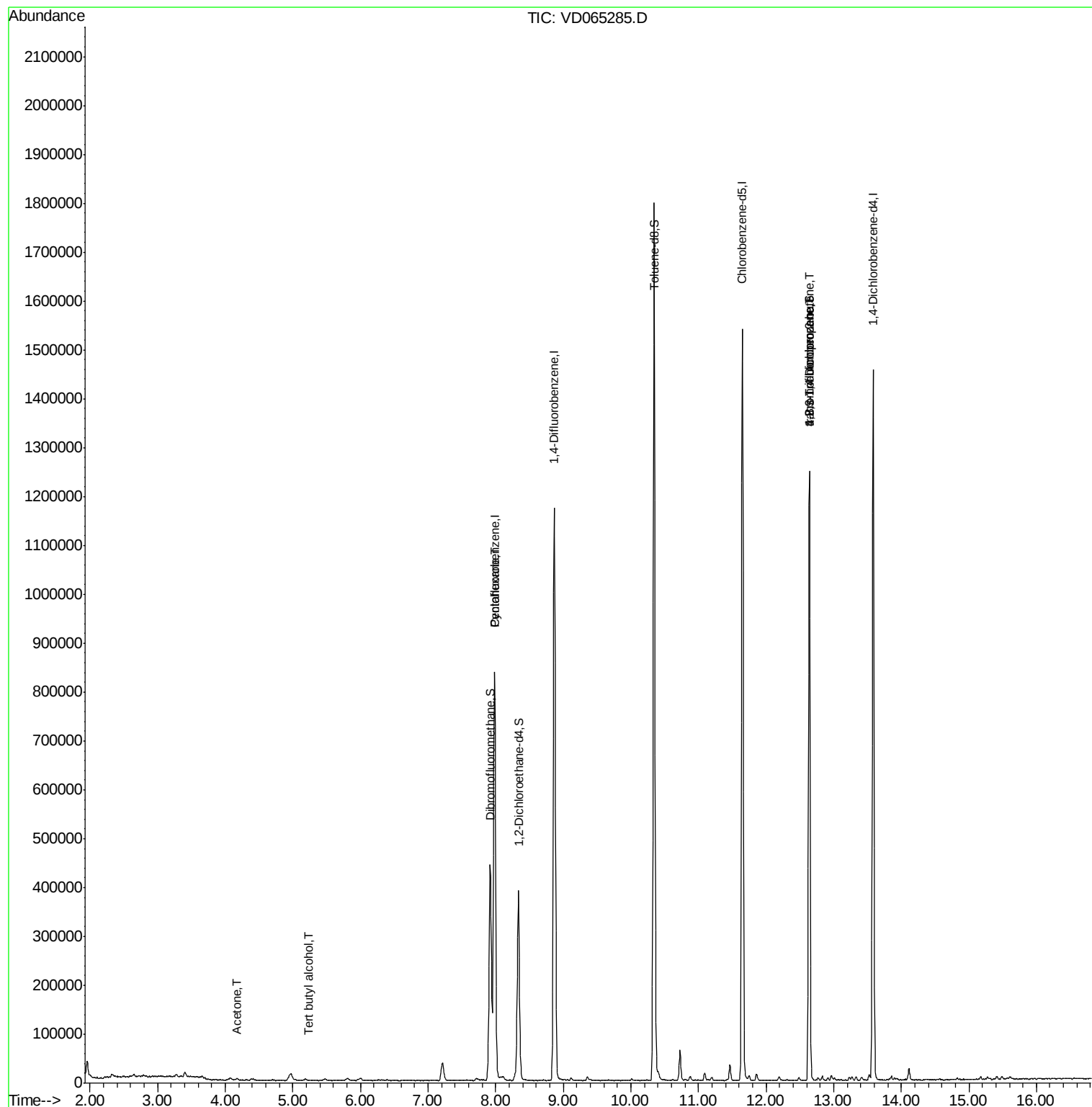
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	648239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1039182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	906921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	408647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	297459	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	7.92	113	319110	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.34	98	1236016	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.64	95	372881	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	907	2.603	ug/l #	72
13) Acrolein	3.94	56	229	Below Cal	#	43
16) Acetone	4.17	43	5246	3.680	ug/l	96
20) Methylene Chloride	4.97	84	10331	Below Cal	#	88
31) Cyclohexane	7.98	56	14400	1.256	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	183882	52.887	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	183882	114.192	ug/l #	11

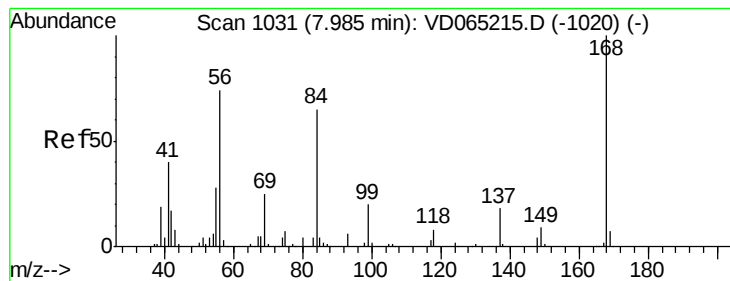
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022420\
Data File : VD065285.D
Acq On : 24 Feb 2020 10:37
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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: VD065285.D

Acq: 24 Feb 2020 10:37

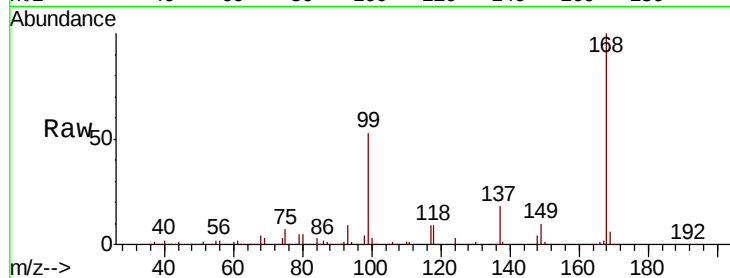
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 648239

Ion Ratio Lower Upper

168 100

99 53.0 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

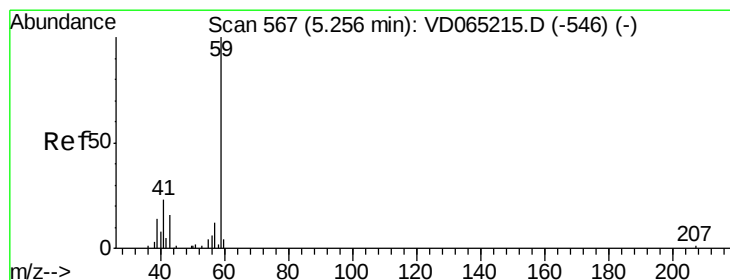
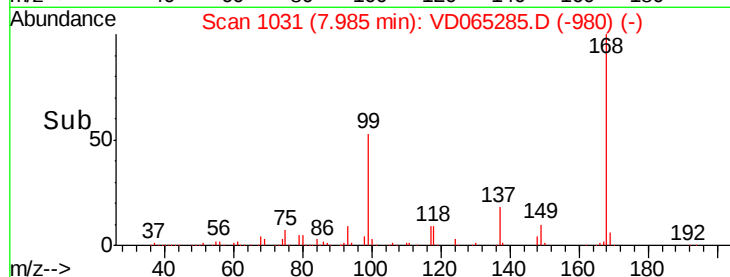
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.603 ug/l

RT: 5.24 min Scan# 564

Delta R.T. -0.02 min

Lab File: VD065285.D

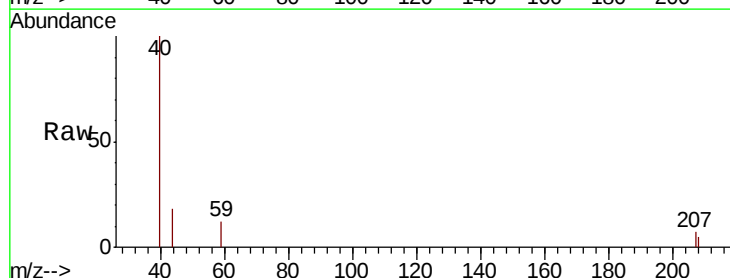
Acq: 24 Feb 2020 10:37

Tgt Ion: 59 Resp: 907

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.24

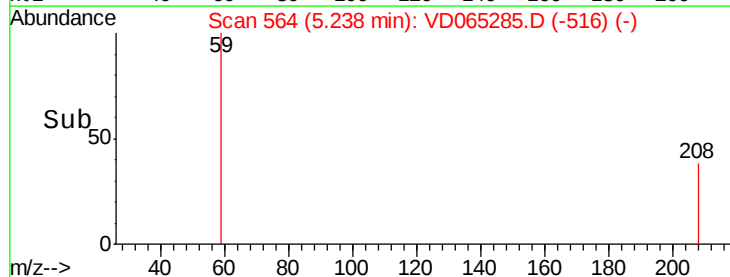
600

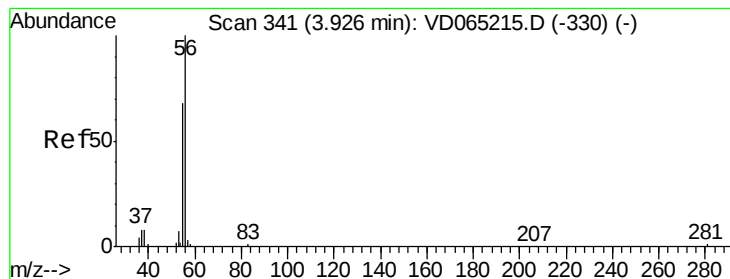
400

200

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.94 min Scan# 343

Delta R.T. 0.01 min

Lab File: VD065285.D

Acq: 24 Feb 2020 10:37

Instrument :

MSVOA_D

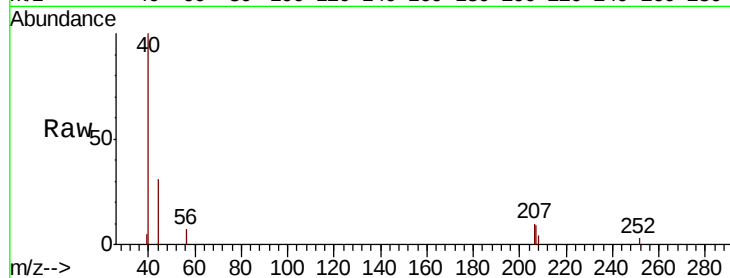
ClientSampleId :

Tot Ion: 56 Resp: 229

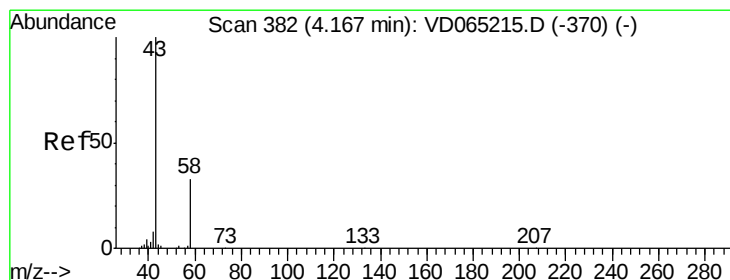
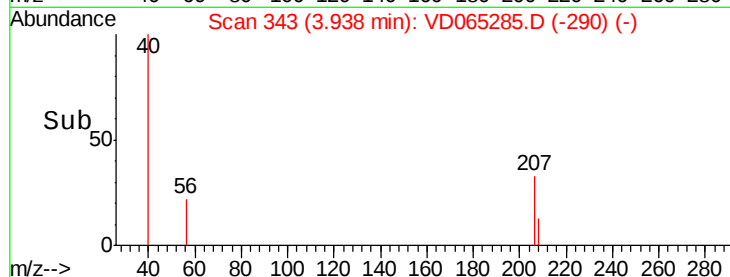
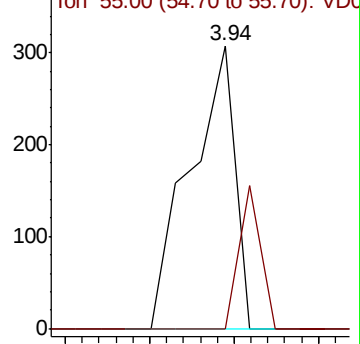
Ion Ratio Lower Upper

56 100

55 24.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC



#16

Acetone

Concen: 3.680 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065285.D

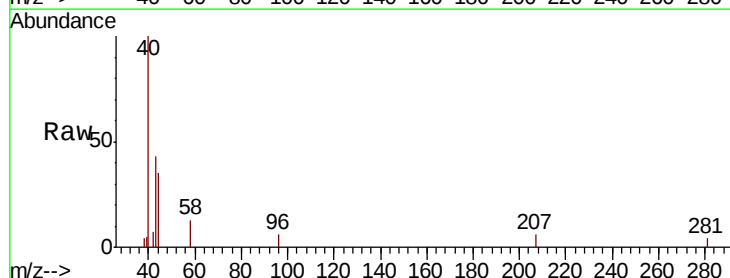
Acq: 24 Feb 2020 10:37

Tgt Ion: 43 Resp: 5246

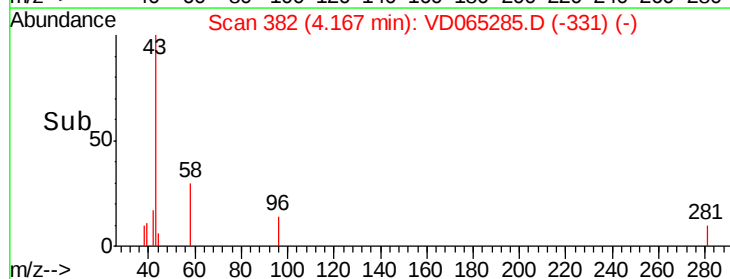
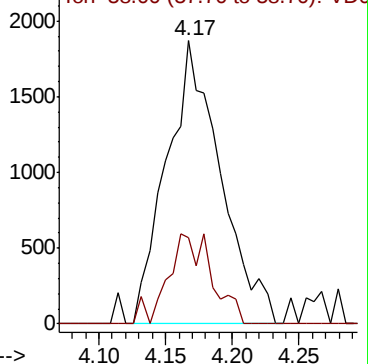
Ion Ratio Lower Upper

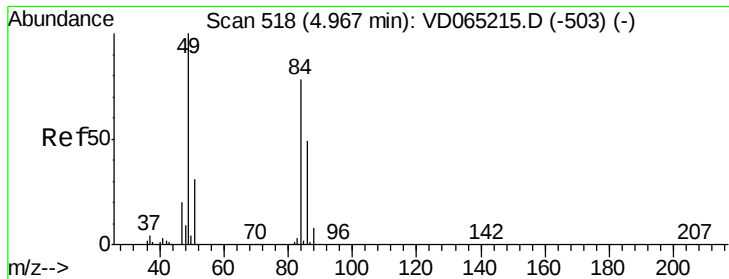
43 100

58 30.3 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

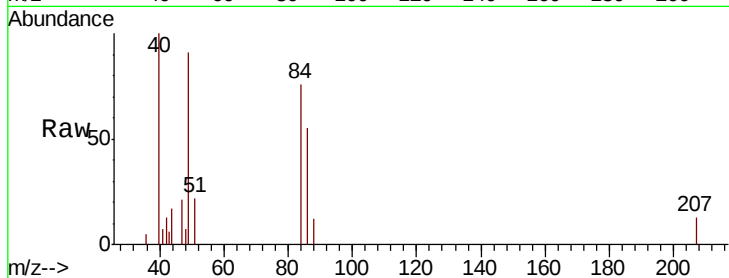




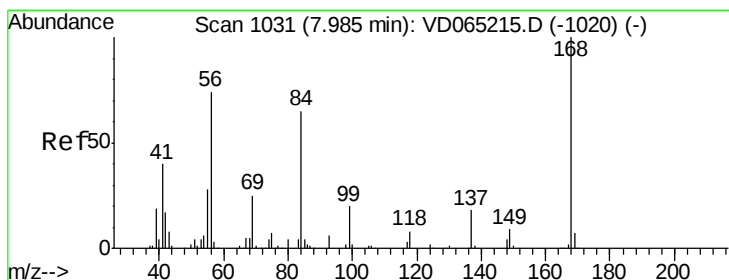
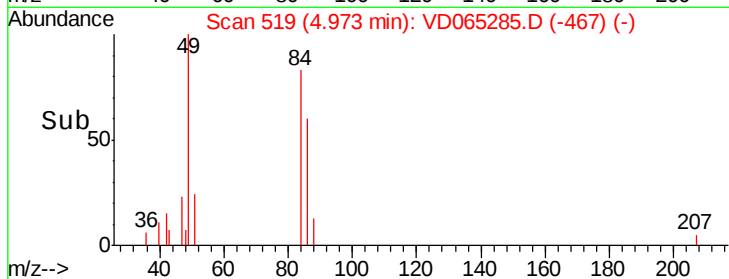
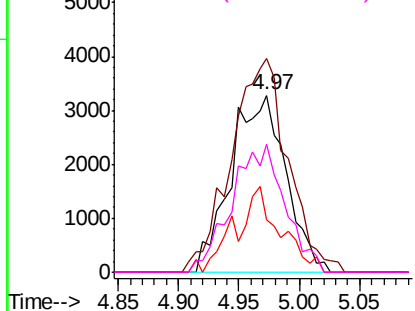
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065285.D
Acq: 24 Feb 2020 10:37

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 10331
Ion Ratio Lower Upper
84 100
49 115.3 103.1 154.7
51 29.5 31.7 47.5#
86 72.4 50.9 76.3

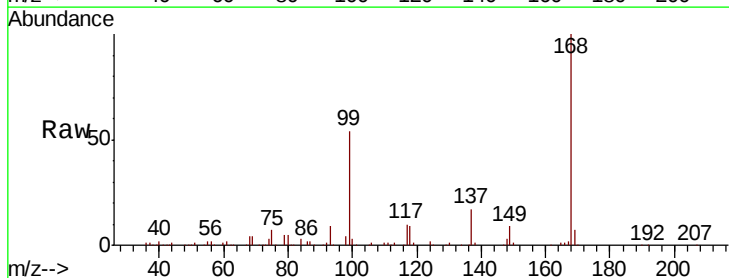


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

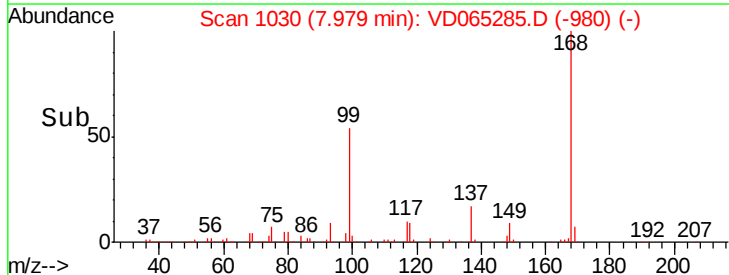
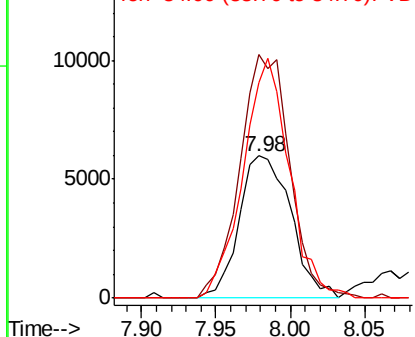


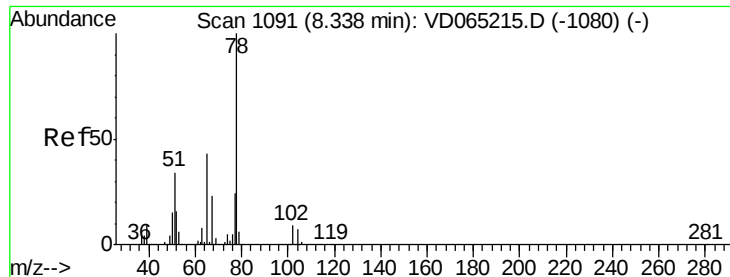
#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065285.D
Acq: 24 Feb 2020 10:37

Tgt Ion: 56 Resp: 14400
Ion Ratio Lower Upper
56 100
69 171.1 27.4 41.0#
84 151.9 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

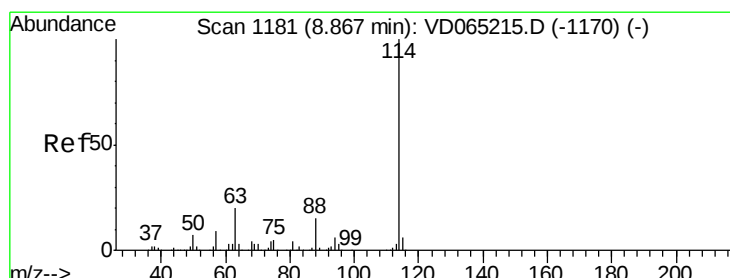
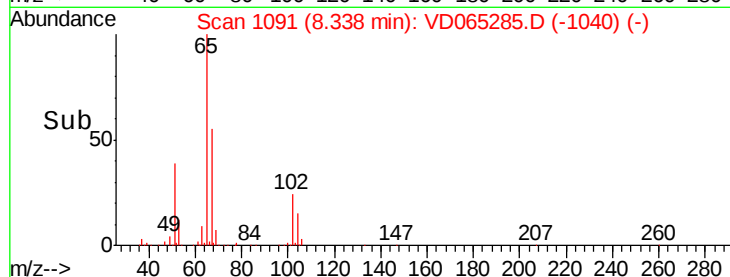
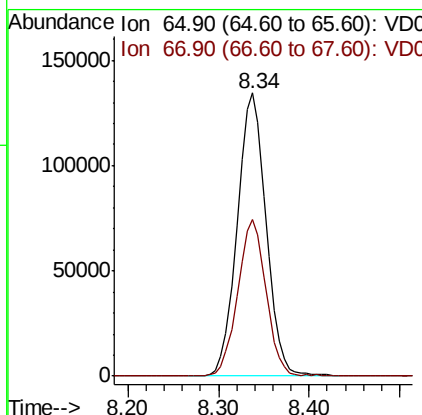
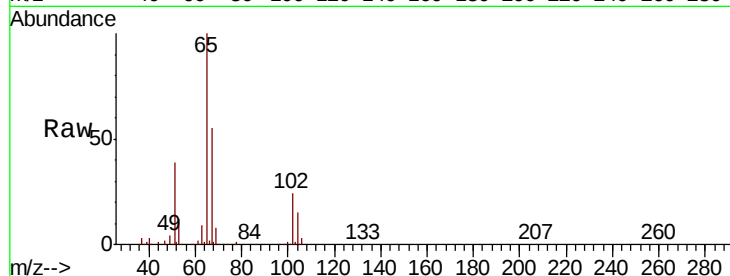




#33
 1,2-Dichloroethane-d4
 Concen: 51.008 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065285.D
 Acq: 24 Feb 2020 10:37

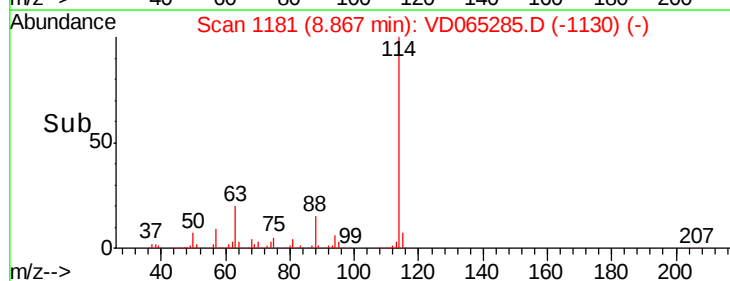
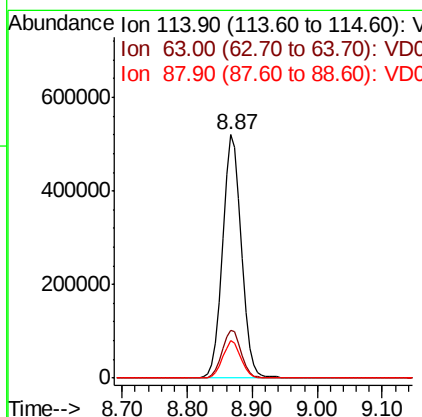
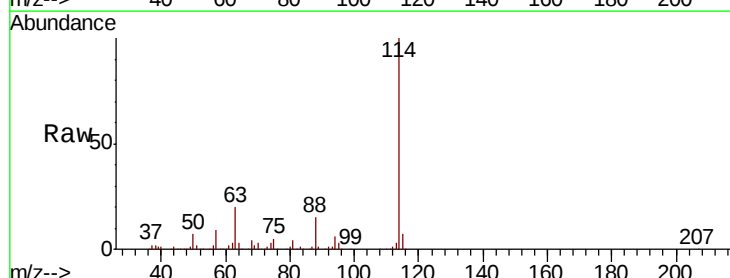
Instrument :
 MSVOA_D
 ClientSampleId :

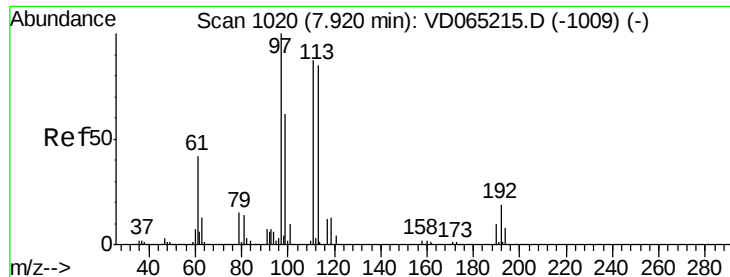
Tot Ion: 65 Resp: 297459
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065285.D
 Acq: 24 Feb 2020 10:37

Tgt Ion: 114 Resp: 1039182
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.2 0.0 30.4

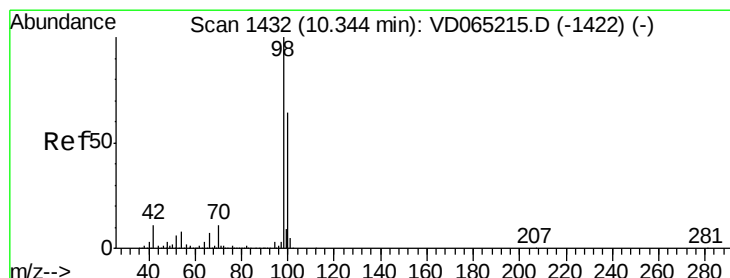
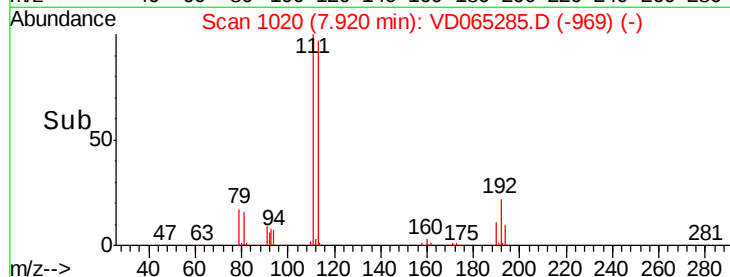
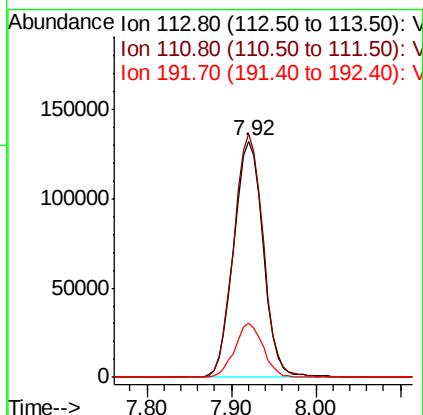
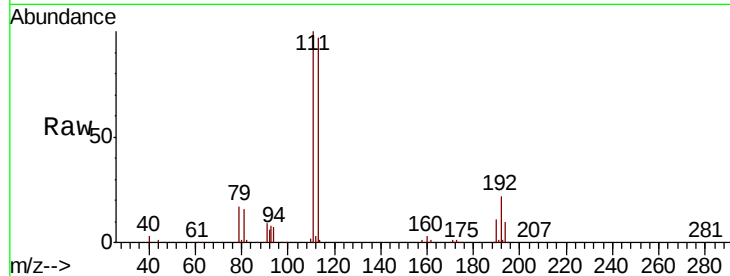




#35
 Dibromofluoromethane
 Concen: 50.362 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065285.D
 Acq: 24 Feb 2020 10:37

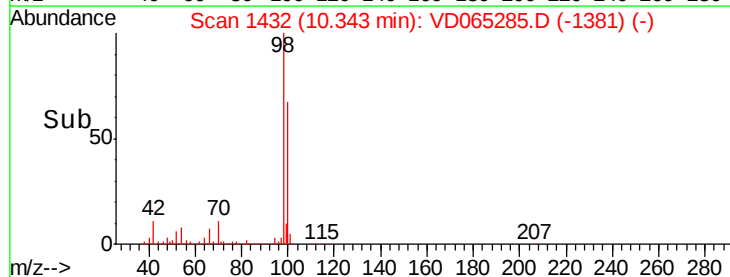
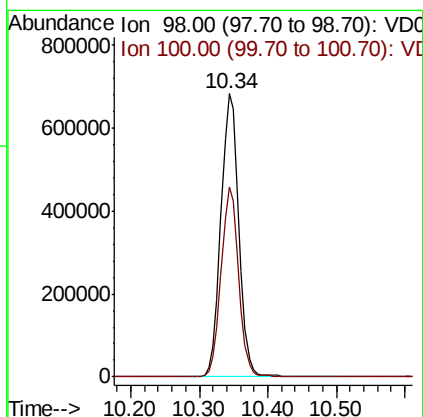
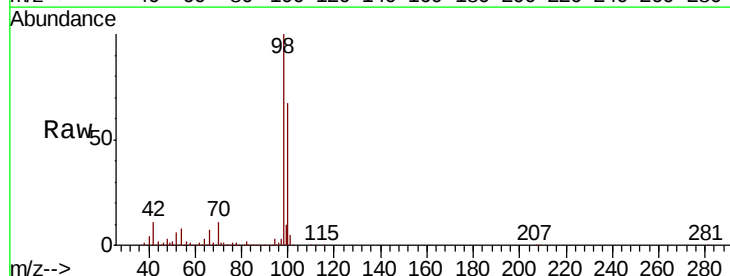
Instrument :
 MSVOA_D
 ClientSampleId :

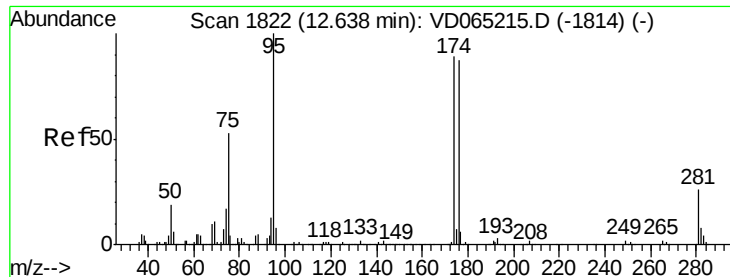
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	21.9	17.3	25.9



#50
 Toluene-d8
 Concen: 51.026 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065285.D
 Acq: 24 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0

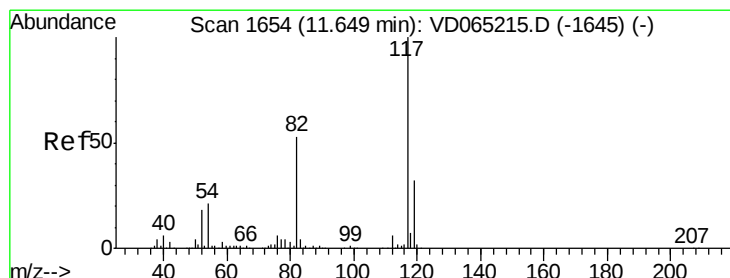
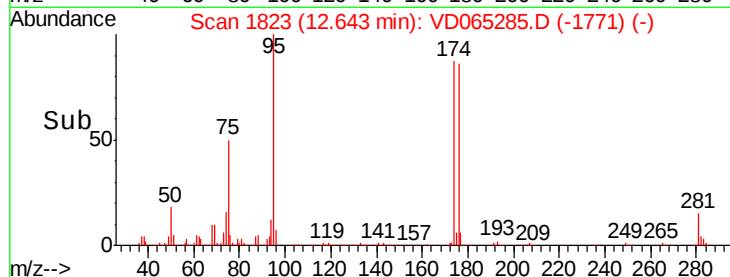
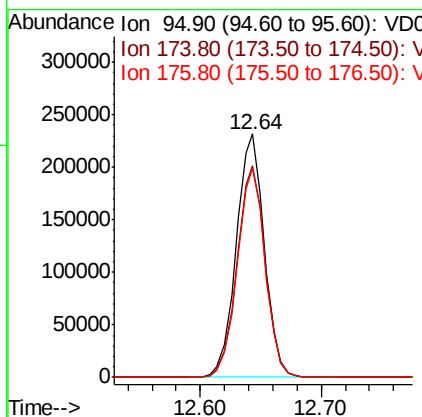
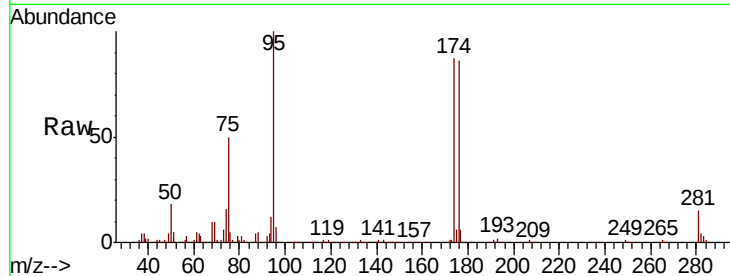




#62
4-Bromofluorobenzene
Concen: 48.592 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065285.D
Acq: 24 Feb 2020 10:37

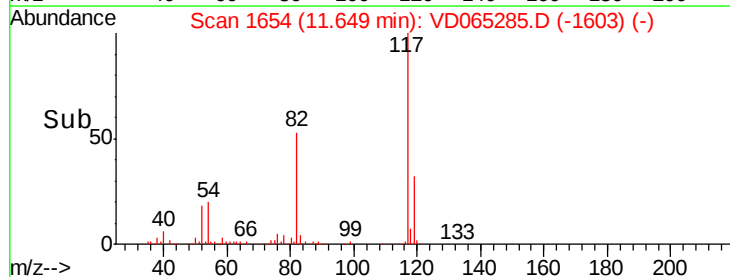
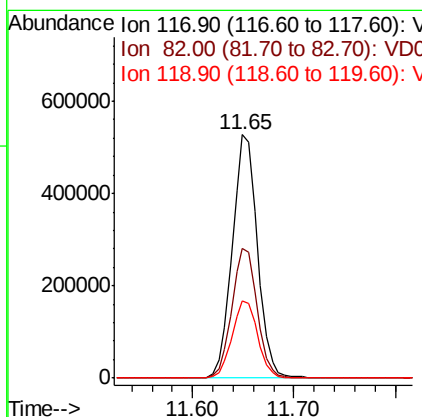
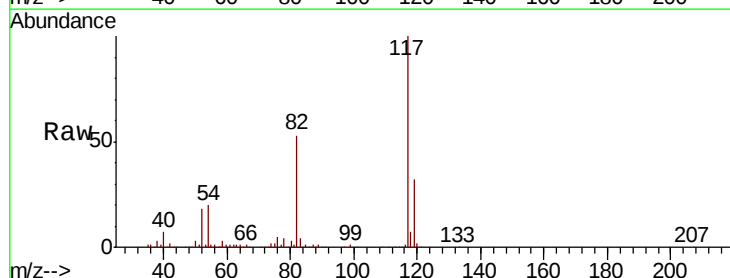
Instrument :
MSVOA_D
ClientSampleId :

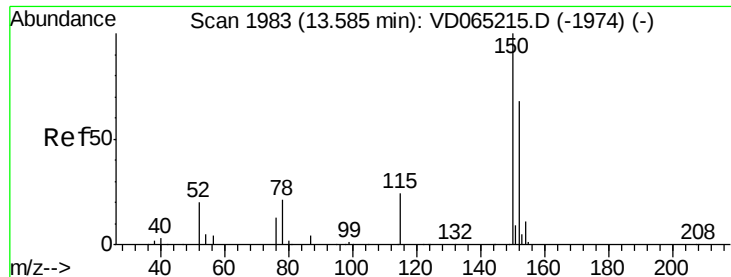
Tot Ion: 95 Resp: 372881
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.0
176 85.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065285.D
Acq: 24 Feb 2020 10:37

Tgt Ion: 117 Resp: 906921
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 31.8 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: VD065285.D

Acq: 24 Feb 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

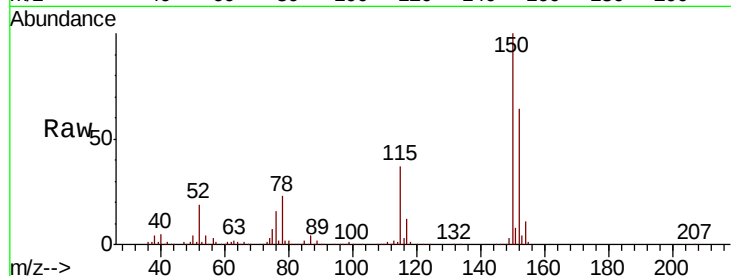
Tot Ion:152 Resp: 408647

Ion Ratio Lower Upper

152 100

115 55.4 27.6 82.8

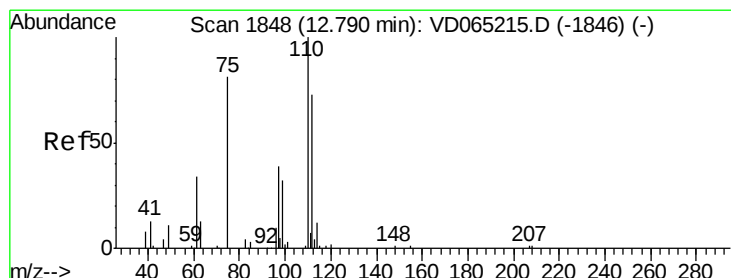
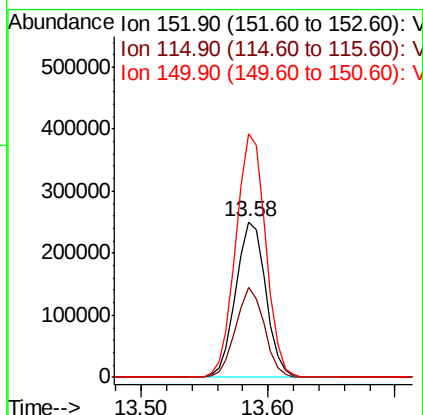
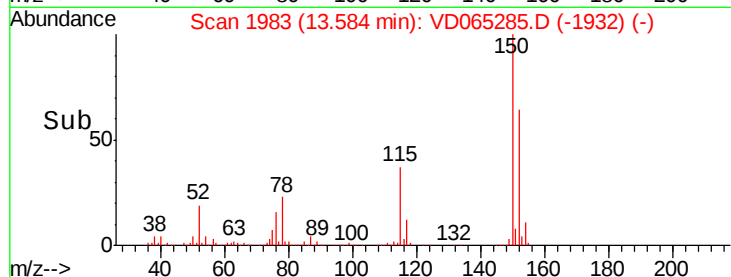
150 156.5 0.0 347.4



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: 52.887 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065285.D

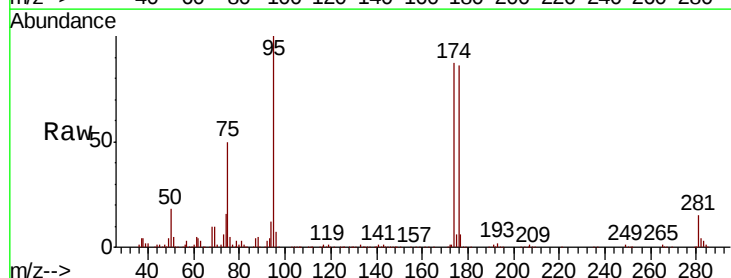
Acq: 24 Feb 2020 10:37

Tgt Ion: 75 Resp: 183882

Ion Ratio Lower Upper

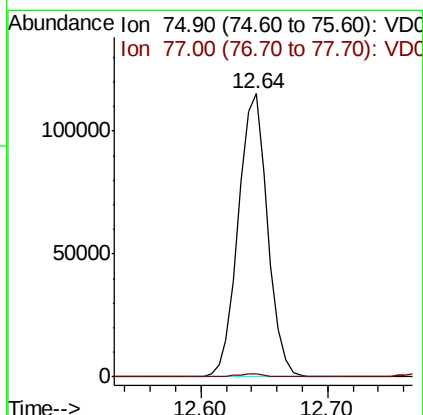
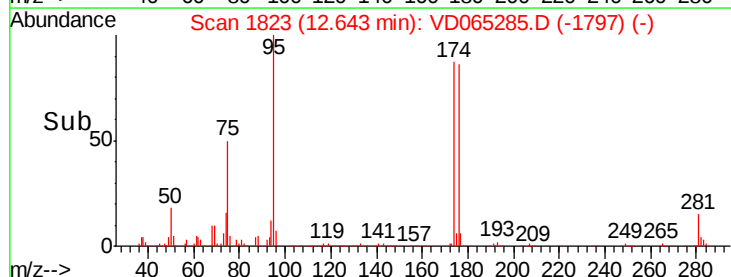
75 100

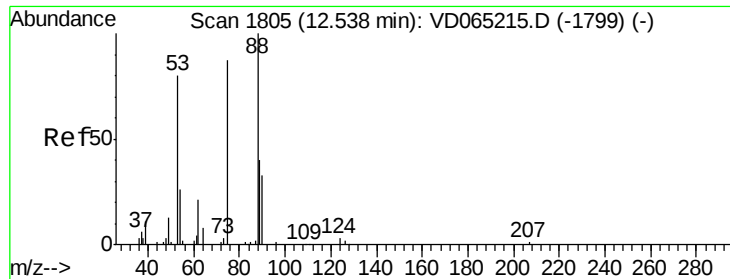
77 1.1 0.0 0.0#



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: 114.192 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065285.D

Acq: 24 Feb 2020 10:37

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 183882

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.1 37.2 55.8#

