

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050820\
 Data File : VD065718.D
 Acq On : 08 May 2020 11:54
 Operator : VA/SY
 Sample : VD0508SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 09 03:47:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

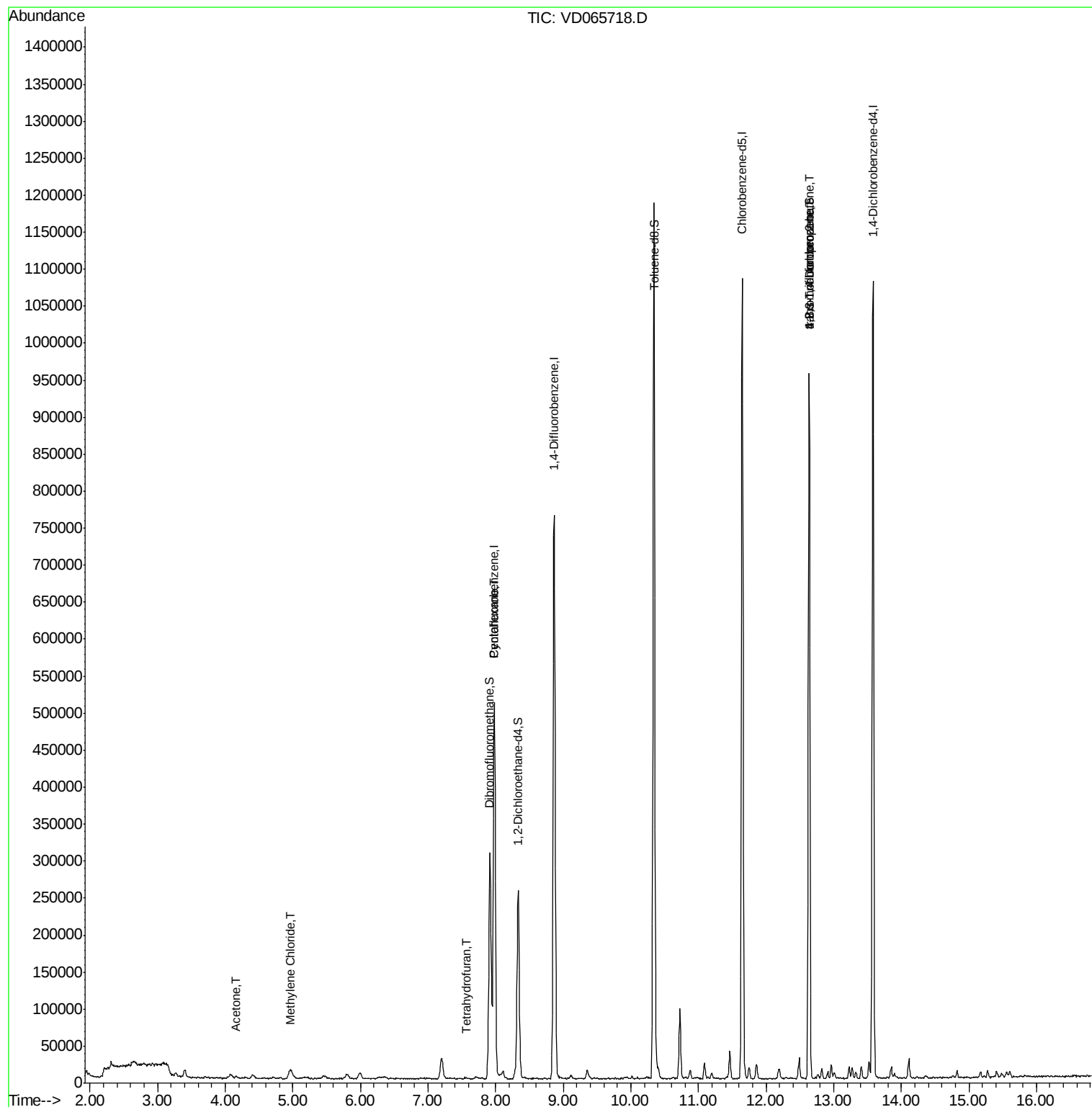
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	397965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	679246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	615827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	198843	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
35) Dibromofluoromethane	7.91	113	217353	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	10.34	98	815538	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.64	95	282164	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
Target Compounds				Qvalue		
11) Tert butyl alcohol	5.17	59	1164	Below Cal	#	71
16) Acetone	4.17	43	3486	4.096	ug/l	91
20) Methylene Chloride	4.96	84	9271	2.162	ug/l #	82
29) Tetrahydrofuran	7.57	42	1272	1.563	ug/l #	73
31) Cyclohexane	7.98	56	12443	1.560	ug/l #	22
76) 1,2,3-Trichloropropane	12.64	75	142083	56.042	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	142083	99.204	ug/l #	12

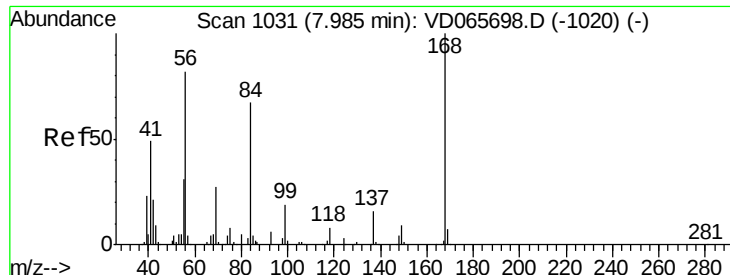
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 17:01:16 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: VD065718.D

Acq: 08 May 2020 11:54

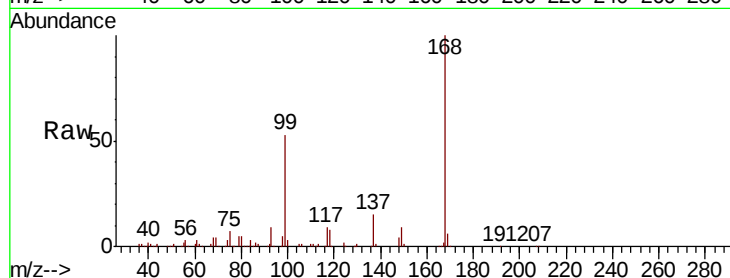
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 397965

Ion Ratio Lower Upper

168 100

99 52.7 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

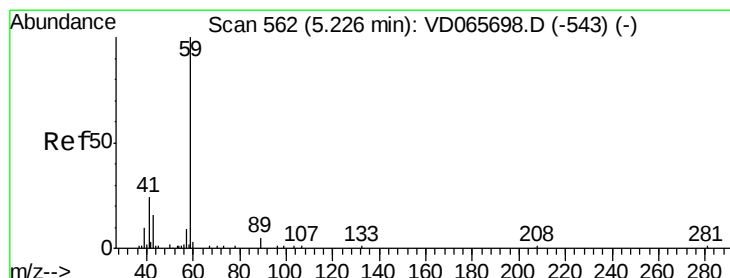
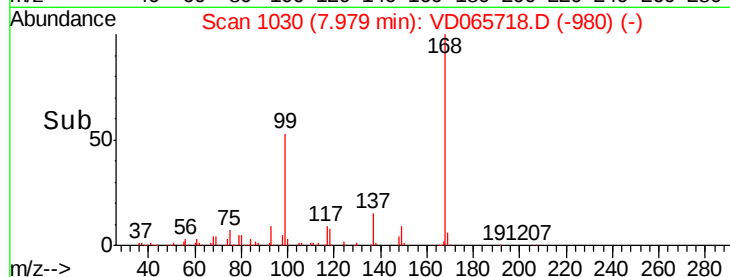
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 552

Delta R.T. -0.06 min

Lab File: VD065718.D

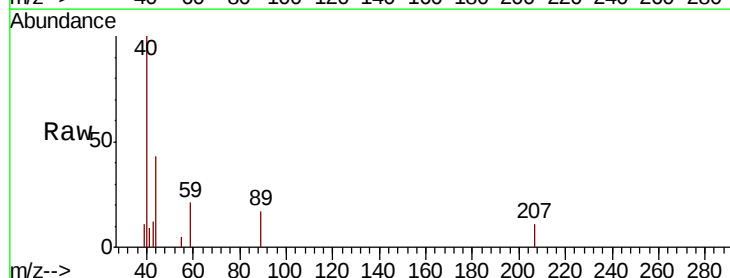
Acq: 08 May 2020 11:54

Tgt Ion: 59 Resp: 1164

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

800

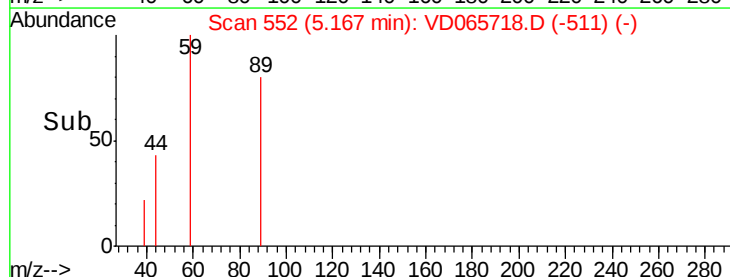
600

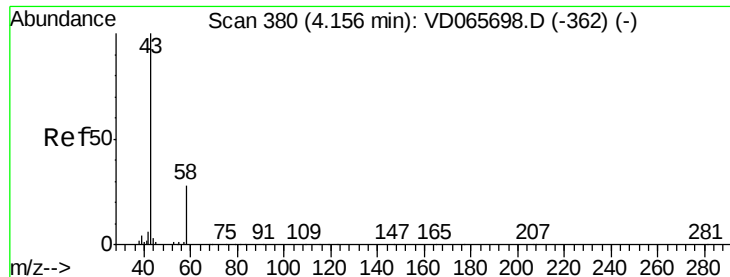
400

200

0

Time-->

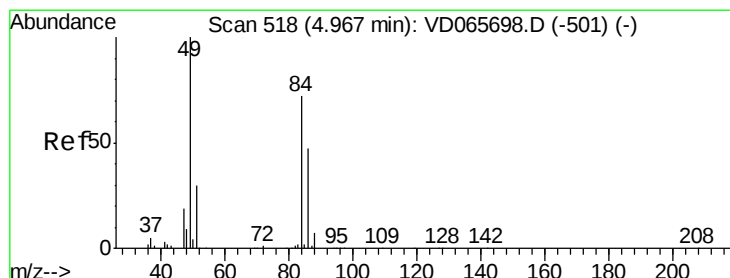
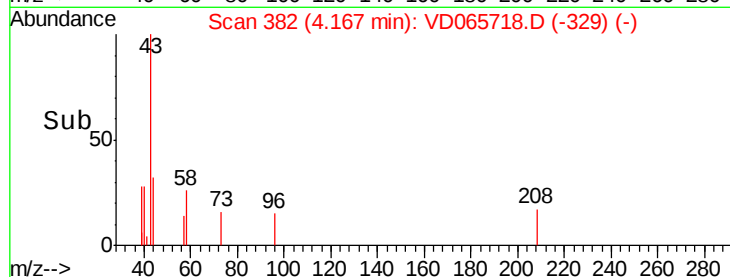
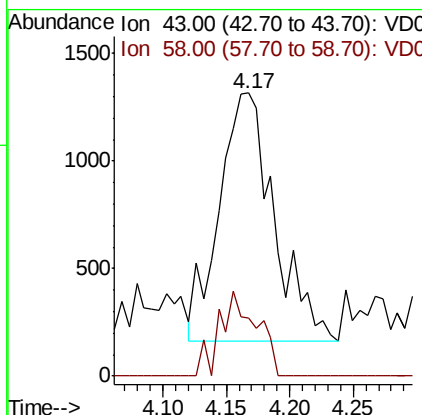
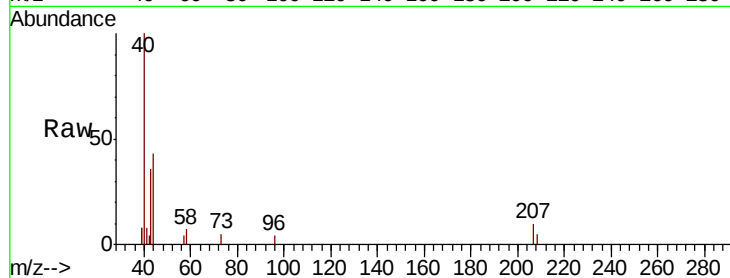




#16
Acetone
Concen: 4.096 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD065718.D
Acq: 08 May 2020 11:54

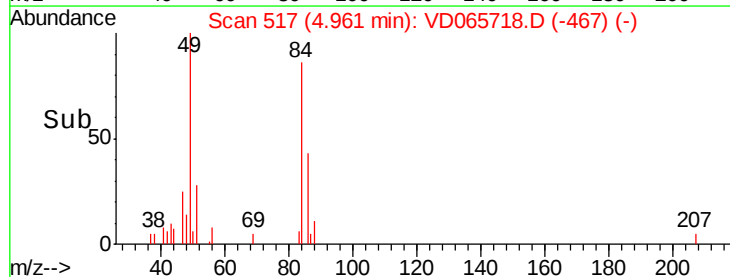
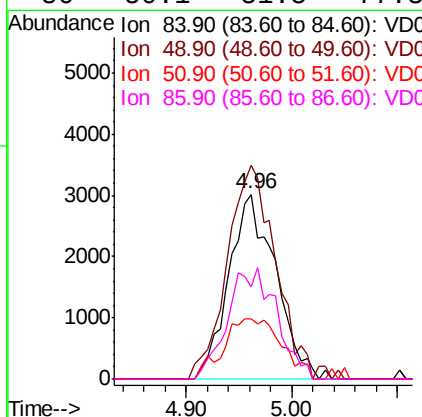
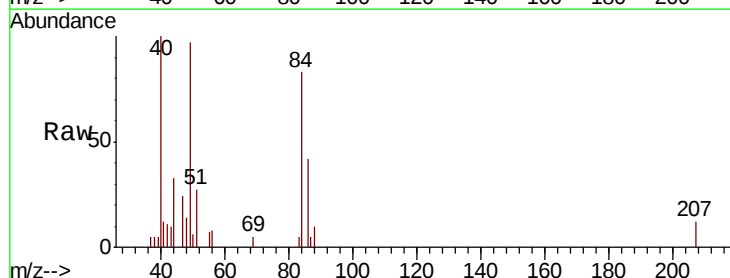
Instrument :
MSVOA_D
ClientSampleId :

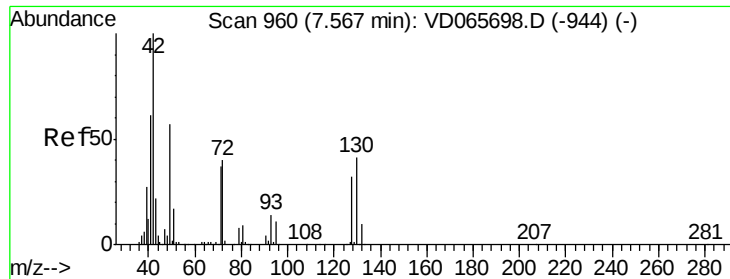
Tot Ion: 43 Resp: 3486
Ion Ratio Lower Upper
43 100
58 23.5 22.5 33.7



#20
Methylene Chloride
Concen: 2.162 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065718.D
Acq: 08 May 2020 11:54

Tgt Ion: 84 Resp: 9271
Ion Ratio Lower Upper
84 100
49 115.9 110.4 165.6
51 32.4 33.4 50.2#
86 50.1 51.5 77.3#

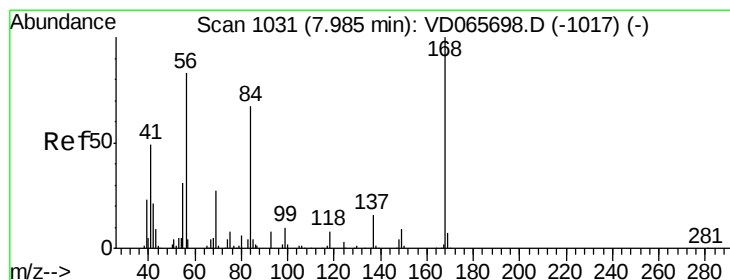
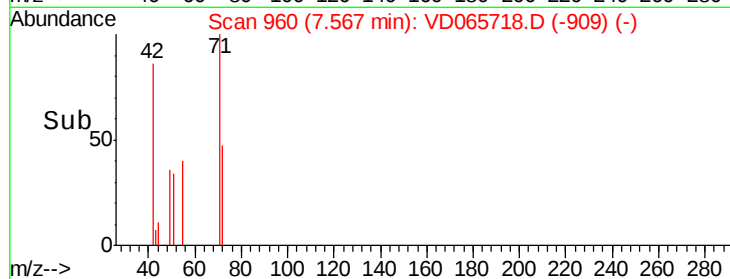
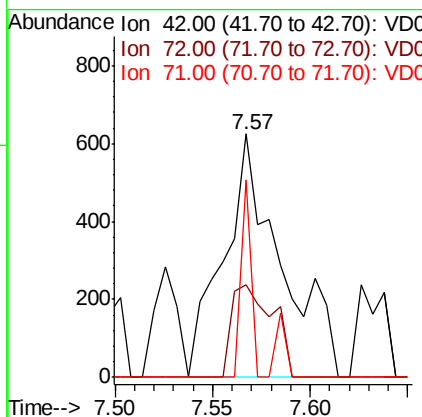
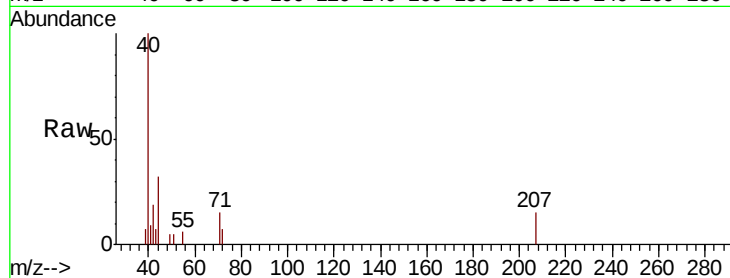




#29
Tetrahydrofuran
Concen: 1.563 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065718.D
Acq: 08 May 2020 11:54

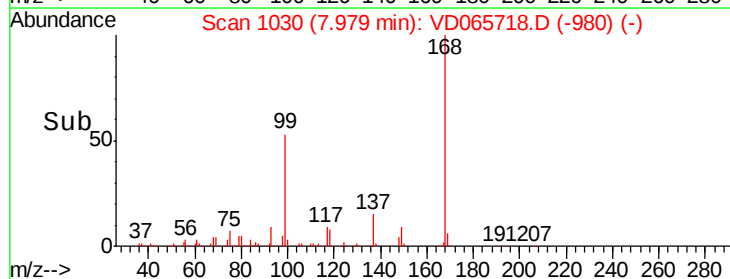
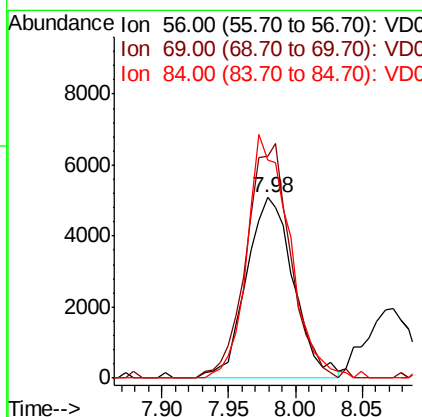
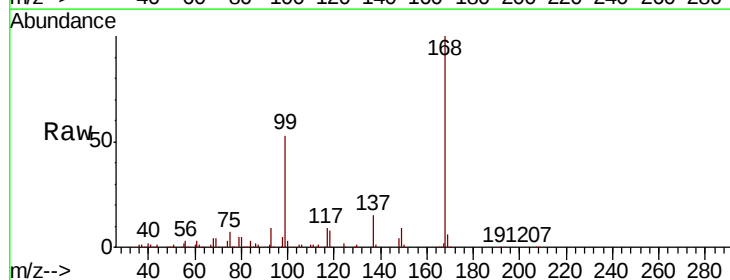
Instrument :
MSVOA_D
ClientSampled :

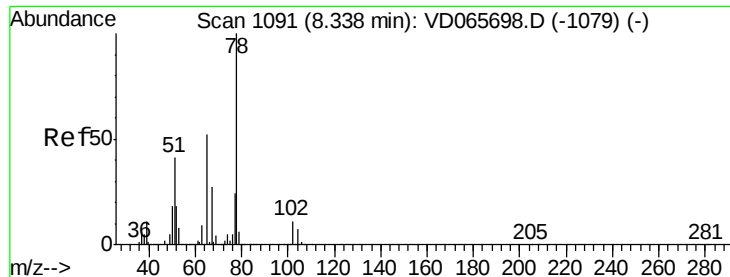
Tot Ion: 42 Resp: 1272
Ion Ratio Lower Upper
42 100
72 27.3 30.4 45.6#
71 14.1 28.0 42.0#



#31
Cyclohexane
Concen: 1.560 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065718.D
Acq: 08 May 2020 11:54

Tgt Ion: 56 Resp: 12443
Ion Ratio Lower Upper
56 100
69 123.0 26.3 39.5#
84 120.7 64.5 96.7#





#33

1,2-Dichloroethane-d4

Concen: 49.882 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065718.D

Acq: 08 May 2020 11:54

Instrument :

MSVOA_D

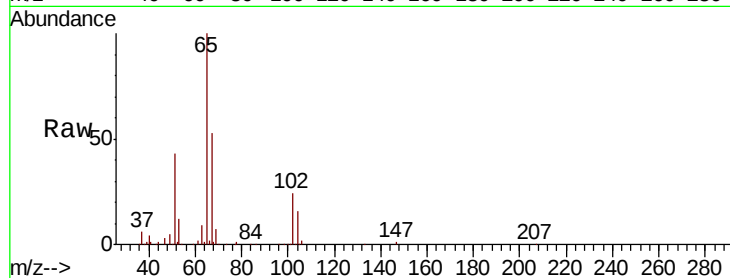
ClientSampleId :

Tot Ion: 65 Resp: 198843

Ion Ratio Lower Upper

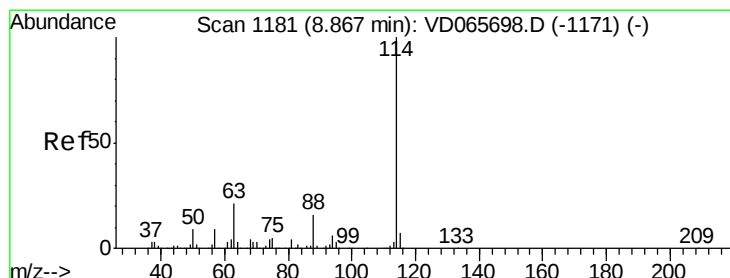
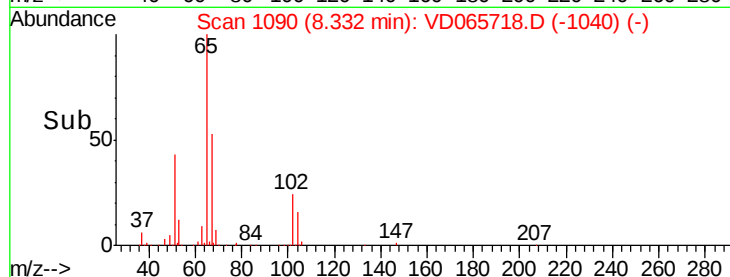
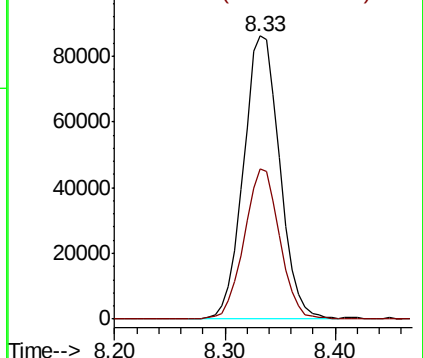
65 100

67 52.5 0.0 103.8



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: VD065718.D

Acq: 08 May 2020 11:54

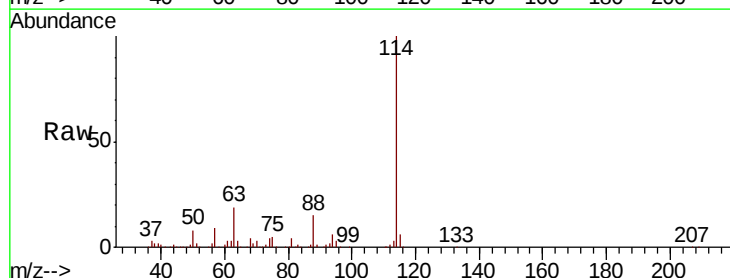
Tgt Ion: 114 Resp: 679246

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

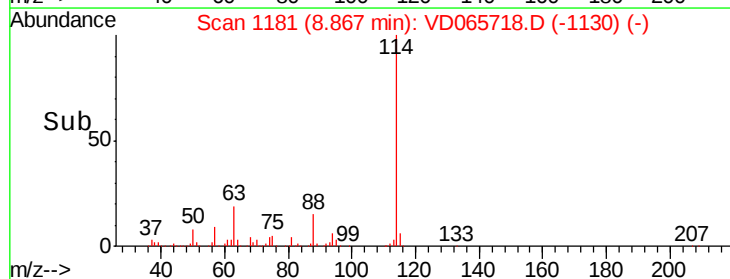
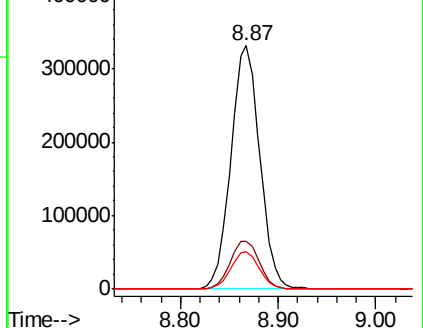
88 15.5 0.0 32.6

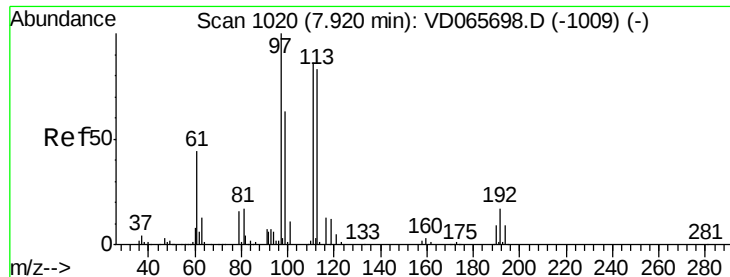


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

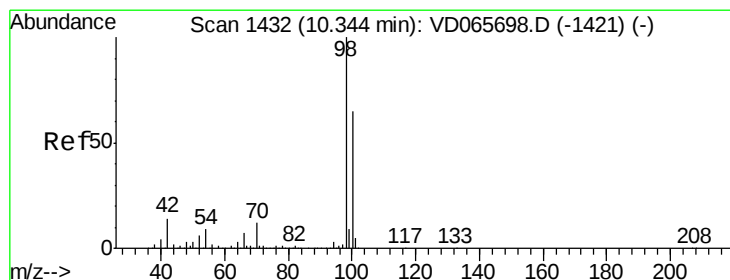
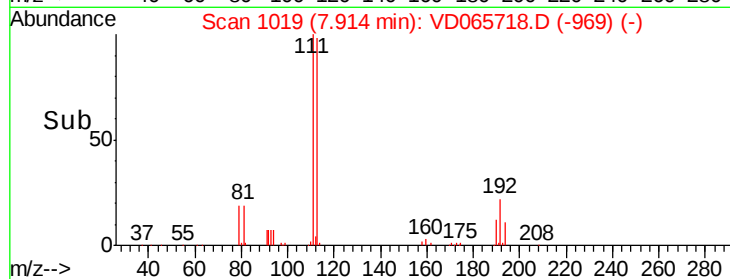
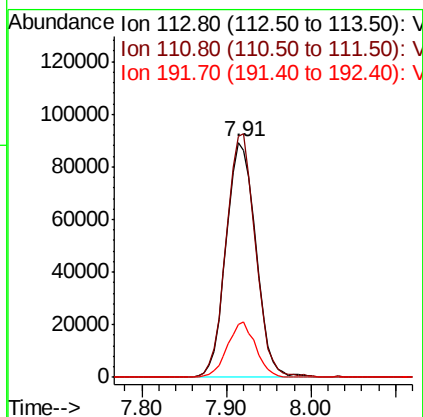
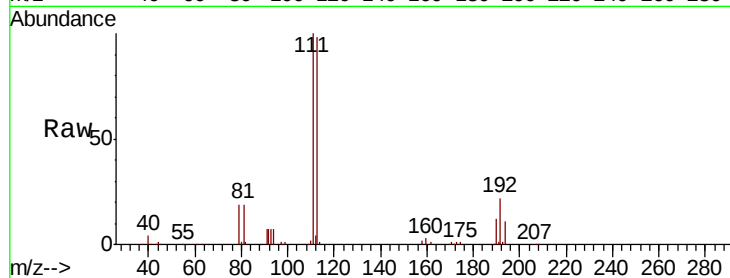




#35
 Dibromofluoromethane
 Concen: 51.200 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065718.D
 Acq: 08 May 2020 11:54

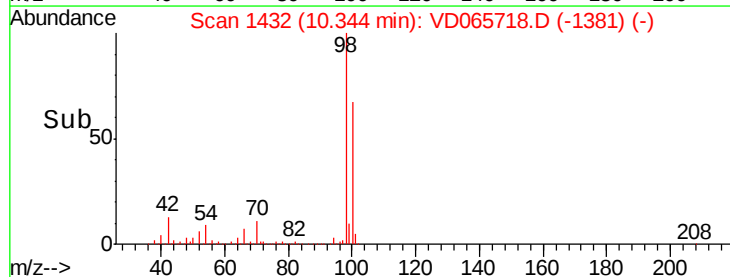
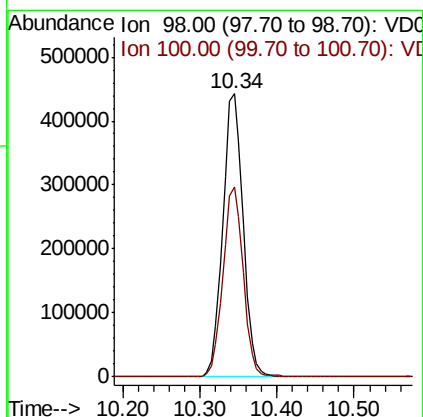
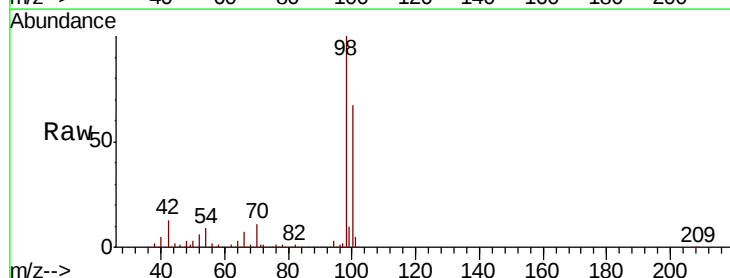
Instrument :
 MSVOA_D
 ClientSampleId :

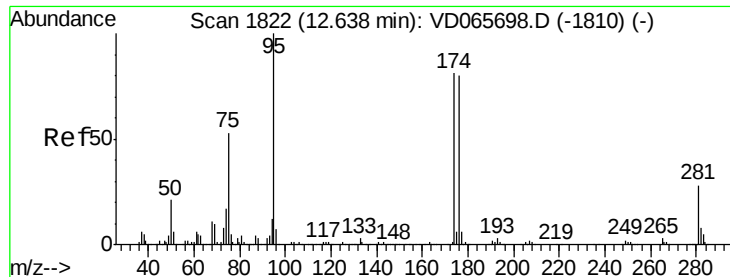
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.7	124.1
192	22.3	17.0	25.4



#50
 Toluene-d8
 Concen: 50.024 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065718.D
 Acq: 08 May 2020 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.6	78.8

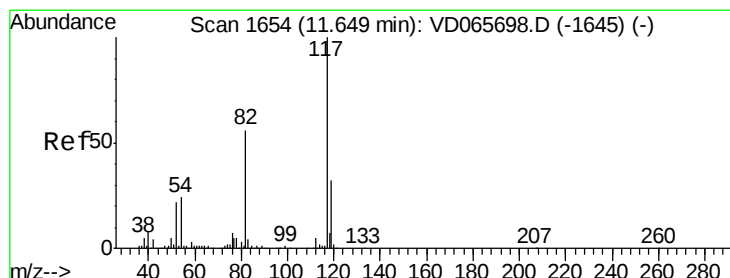
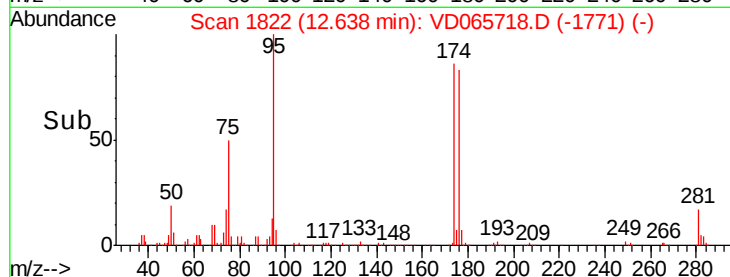
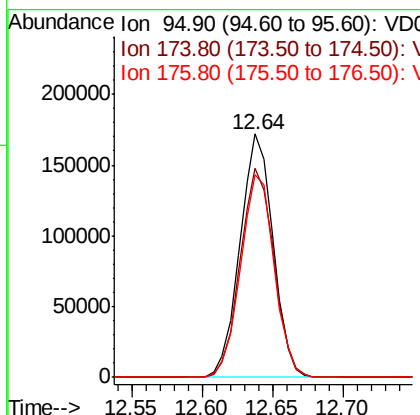
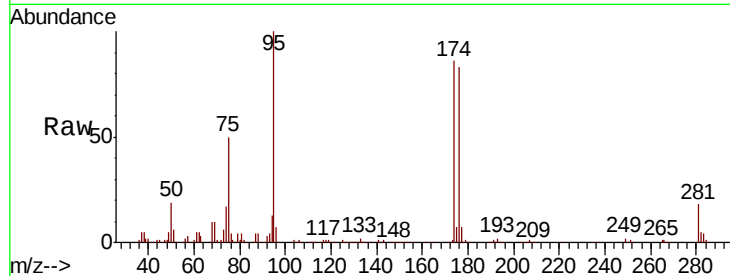




#62
4-Bromofluorobenzene
Concen: 48.822 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065718.D
Acq: 08 May 2020 11:54

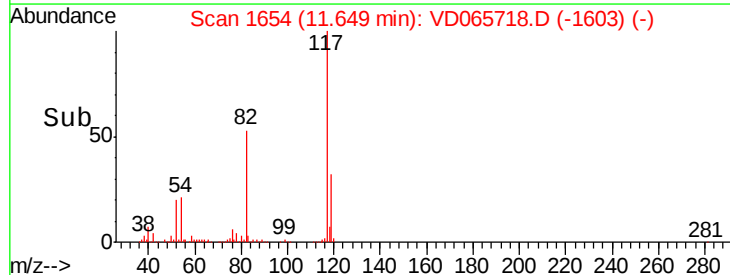
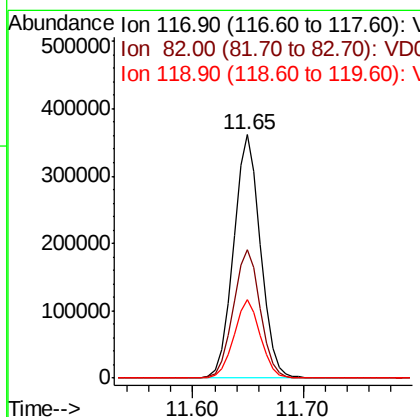
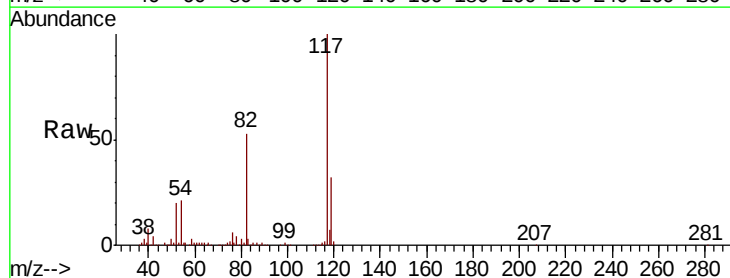
Instrument :
MSVOA_D
ClientSampleId :

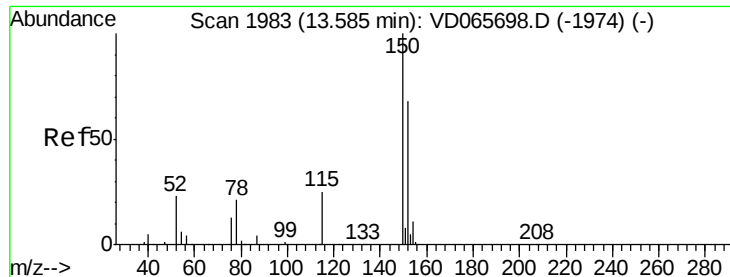
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	162.6
176	84.7	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065718.D
Acq: 08 May 2020 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.9	67.3
119	32.5	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065718.D

Acq: 08 May 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

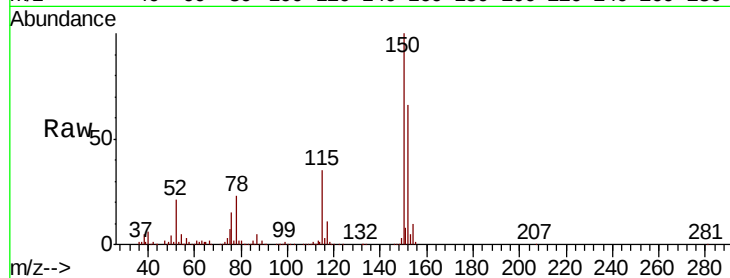
Tot Ion:152 Resp: 300178

Ion Ratio Lower Upper

152 100

115 55.6 29.5 88.5

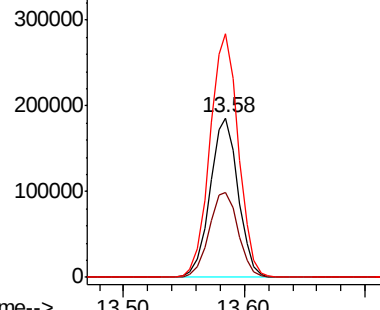
150 155.0 0.0 346.8



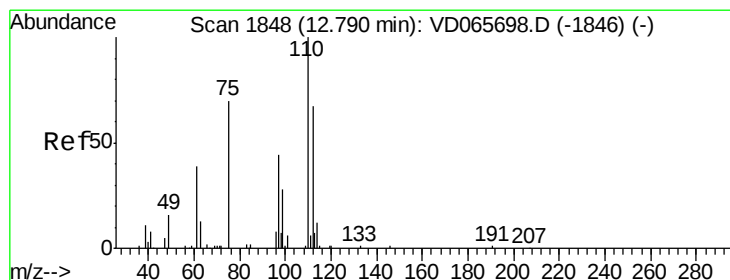
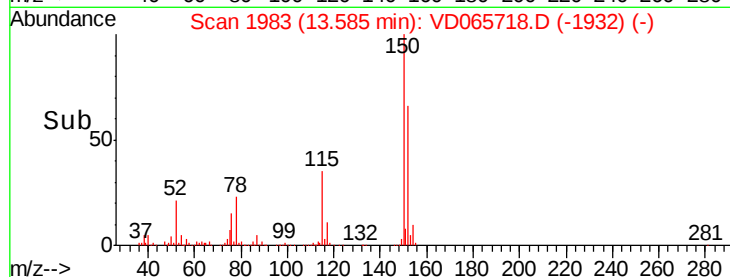
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#76

1,2,3-Trichloropropane

Concen: 56.042 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065718.D

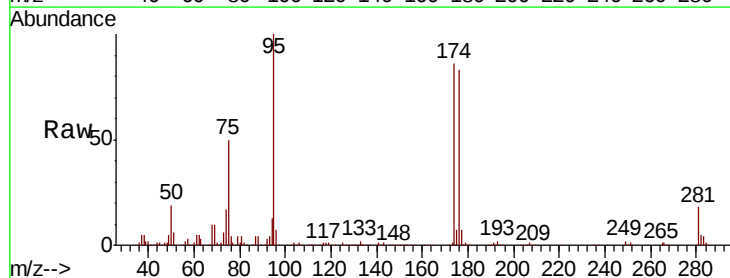
Acq: 08 May 2020 11:54

Tgt Ion: 75 Resp: 142083

Ion Ratio Lower Upper

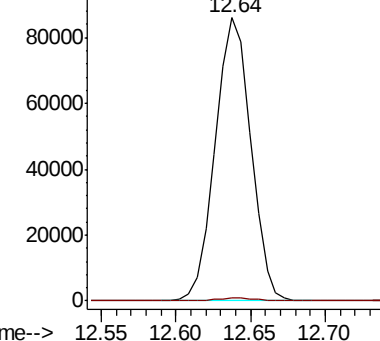
75 100

77 1.2 0.0 0.0#

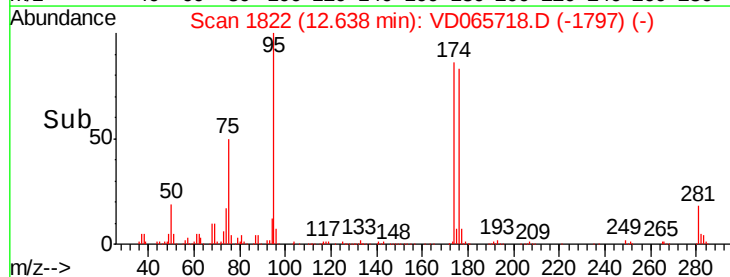


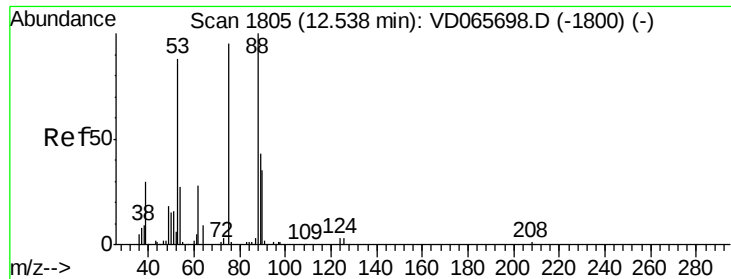
Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 99.204 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065718.D

Acq: 08 May 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

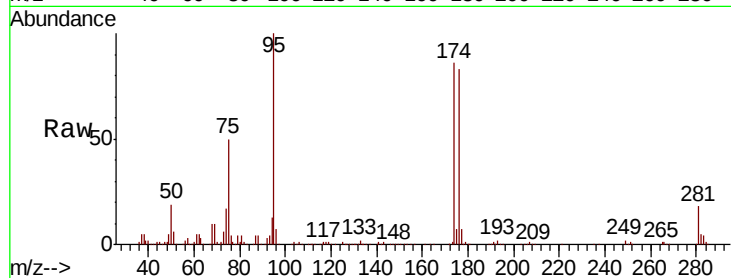
Tot Ion: 75 Resp: 142083

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.2 36.2 54.2#



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

