

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067678.D
 Acq On : 18 Nov 2020 11:47
 Operator : VA/SY
 Sample : L4780-01
 Misc : 5.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-111720

Quant Time: Nov 19 00:26:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

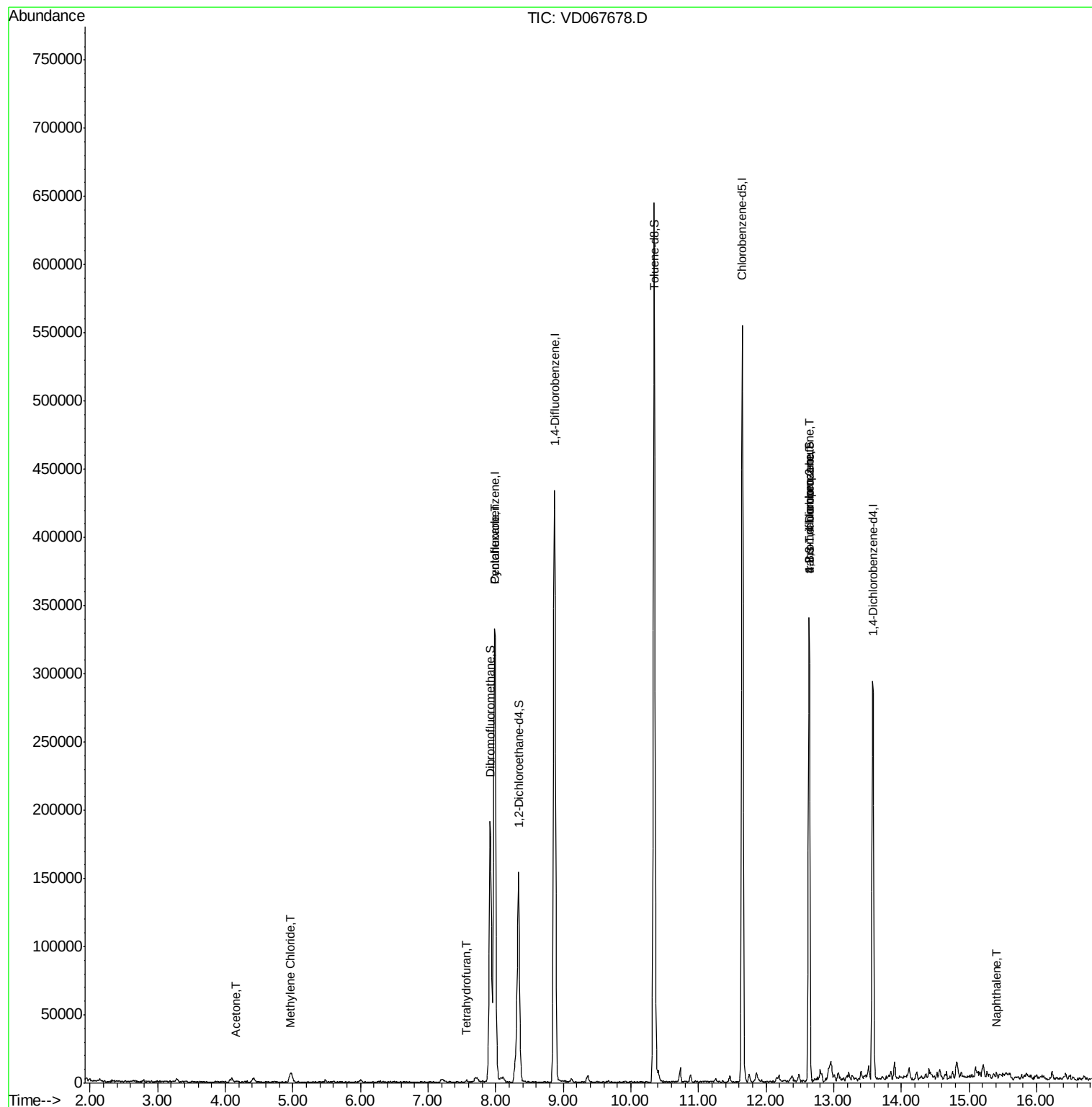
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	261199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	397532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	332388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	84544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	130819	57.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.56%	
35) Dibromofluoromethane	7.92	113	131649	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
50) Toluene-d8	10.34	98	449666	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
62) 4-Bromofluorobenzene	12.64	95	106189	36.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.08%	
Target Compounds						
				Qvalue		
2) Dichlorodifluoromethane	1.98	85	1034	Below Cal	#	44
16) Acetone	4.16	43	526	1.539	ug/l #	43
20) Methylene Chloride	4.97	84	5326	2.206	ug/l #	85
29) Tetrahydrofuran	7.57	42	839	3.835	ug/l #	67
31) Cyclohexane	7.98	56	5962	1.800	ug/l #	29
76) 1,2,3-Trichloropropane	12.64	75	53536	104.969	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	53536	213.115	ug/l #	10
95) Naphthalene	15.41	128	2635	1.135	ug/l #	77

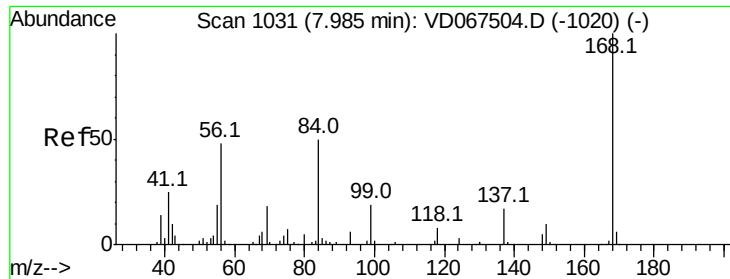
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111820\
Data File : VD067678.D
Acq On : 18 Nov 2020 11:47
Operator : VA/SY
Sample : L4780-01
Misc : 5.64G/5.00ml/MSVOA D/SOIL
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Quant Time: Nov 19 00:26:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 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: VD067678.D

Acq: 18 Nov 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

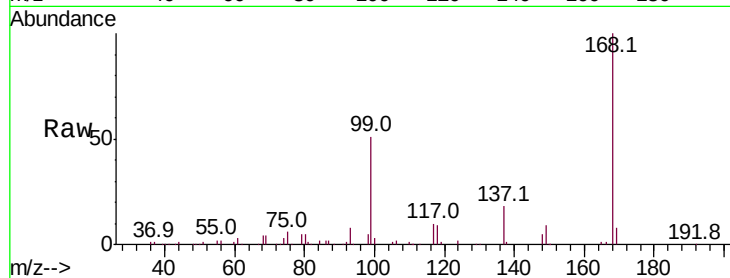
CL-01-111720

Tot Ion:168 Resp: 261199

Ion Ratio Lower Upper

168 100

99 50.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

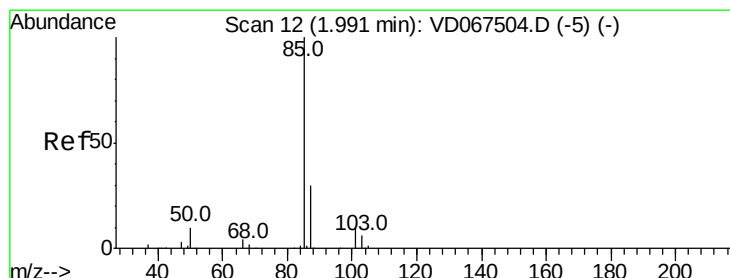
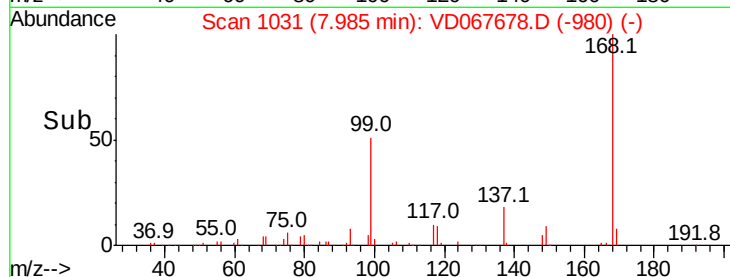
7.98

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 10

Delta R.T. -0.01 min

Lab File: VD067678.D

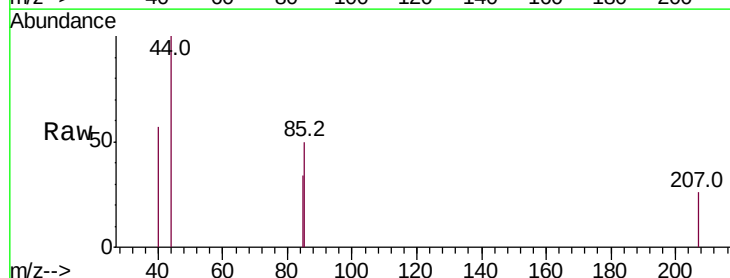
Acq: 18 Nov 2020 11:47

Tgt Ion: 85 Resp: 1034

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1000

800

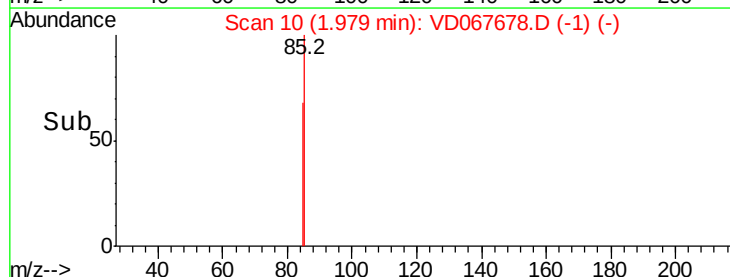
600

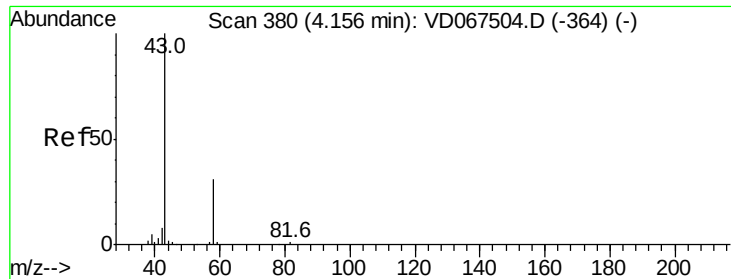
400

200

0

Time-->

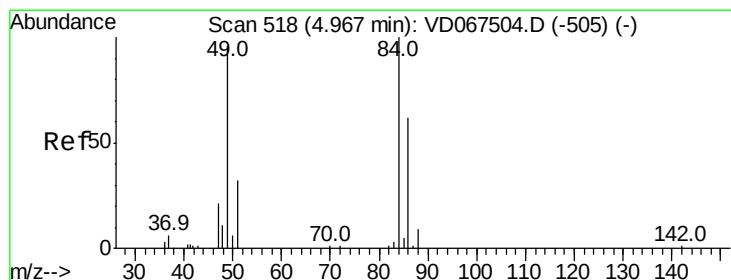
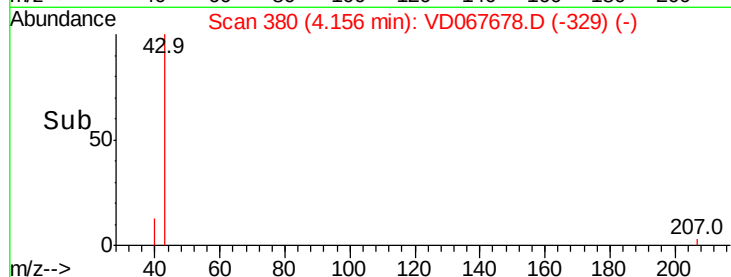
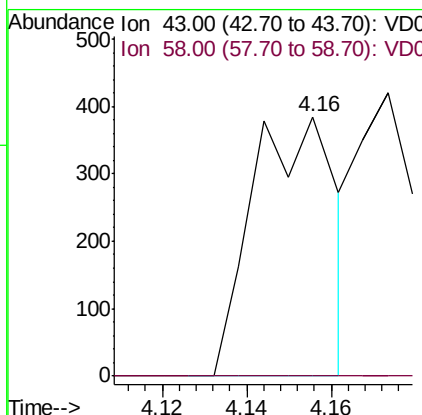
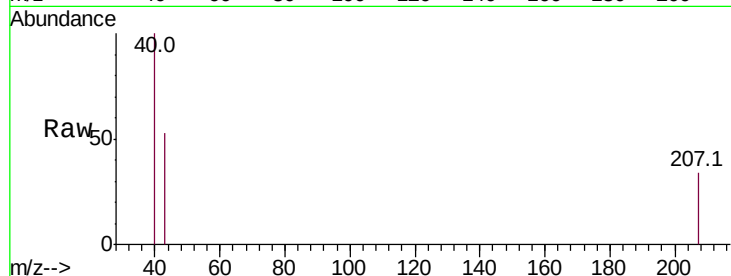




#16
Acetone
Concen: 1.539 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD067678.D
Acq: 18 Nov 2020 11:47

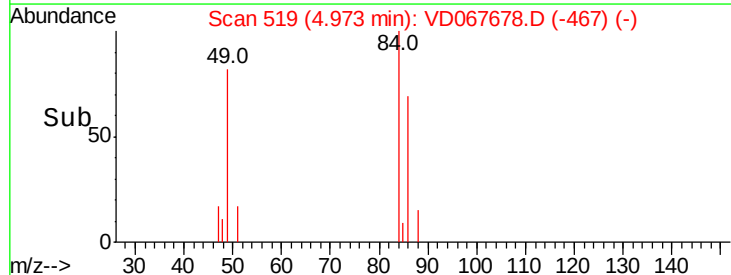
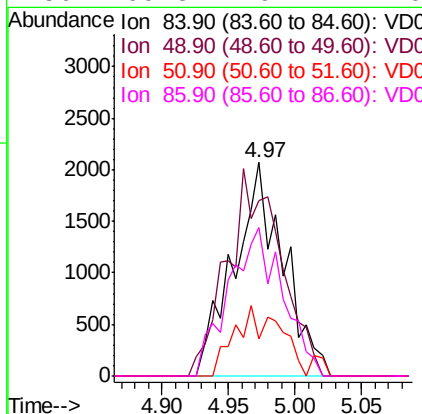
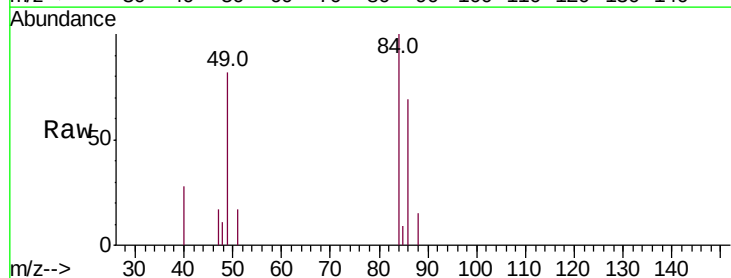
Instrument :
MSVOA_D
ClientSampleId :
CL-01-111720

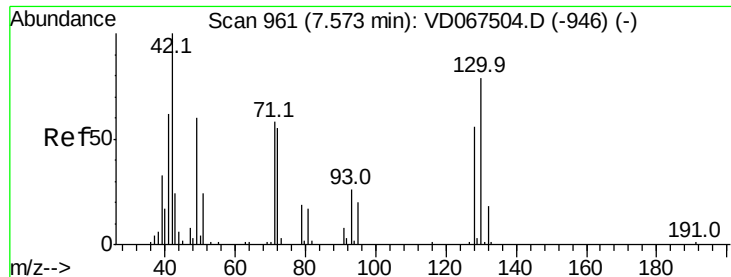
Tot Ion: 43 Resp: 526
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 2.206 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067678.D
Acq: 18 Nov 2020 11:47

Tgt Ion: 84 Resp: 5326
Ion Ratio Lower Upper
84 100
49 82.1 77.0 115.4
51 17.1 25.4 38.2#
86 69.3 49.4 74.0





#29

Tetrahydrofuran

Concen: 3.835 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD067678.D

Acq: 18 Nov 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

CL-01-111720

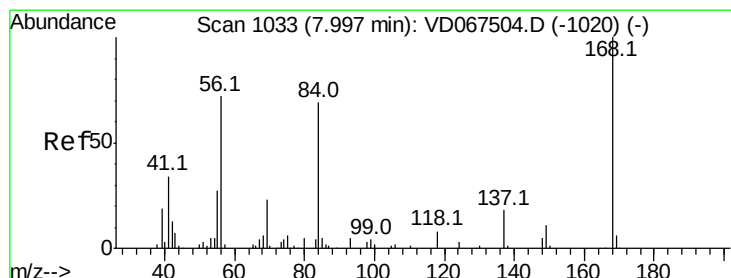
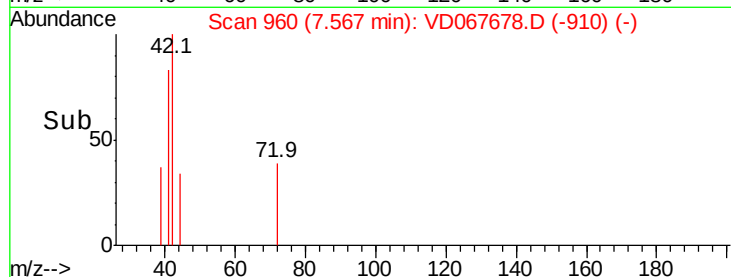
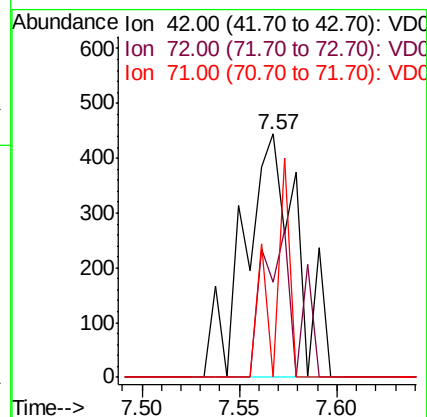
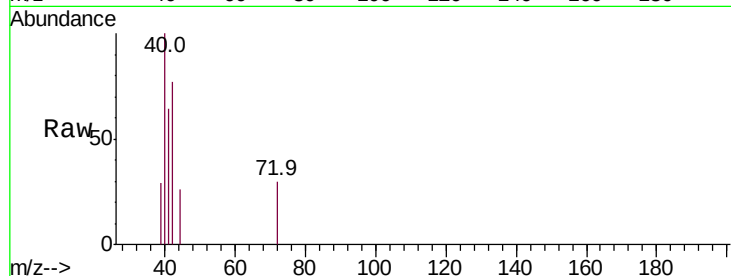
Tot Ion: 42 Resp: 839

Ion Ratio Lower Upper

42 100

72 37.2 46.3 69.5#

71 27.1 44.0 66.0#



#31

Cyclohexane

Concen: 1.800 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067678.D

Acq: 18 Nov 2020 11:47

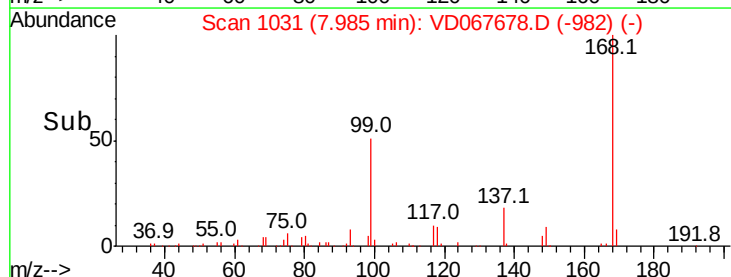
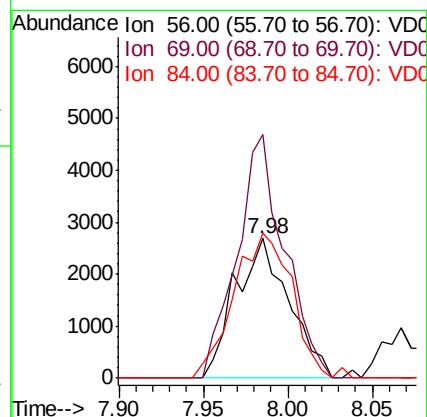
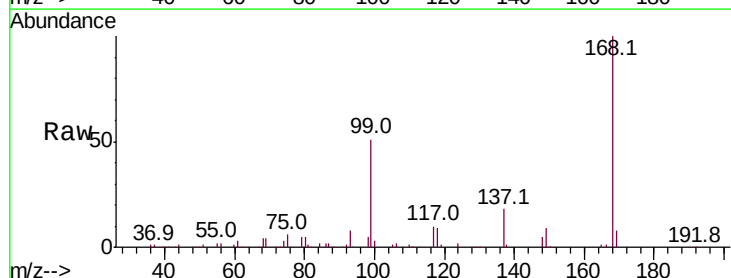
Tgt Ion: 56 Resp: 5962

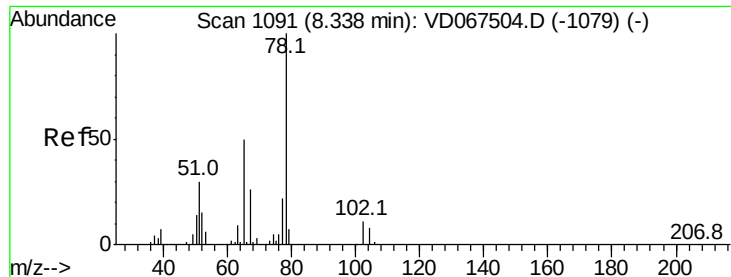
Ion Ratio Lower Upper

56 100

69 174.7 25.9 38.9#

84 104.2 76.2 114.4

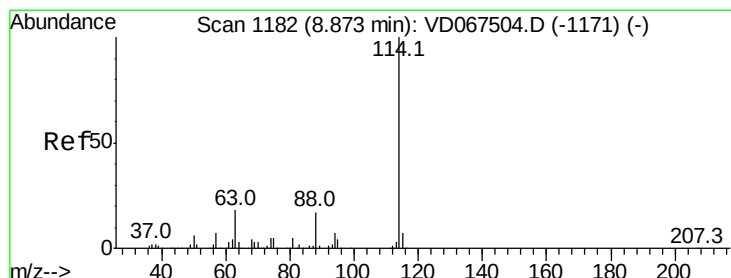
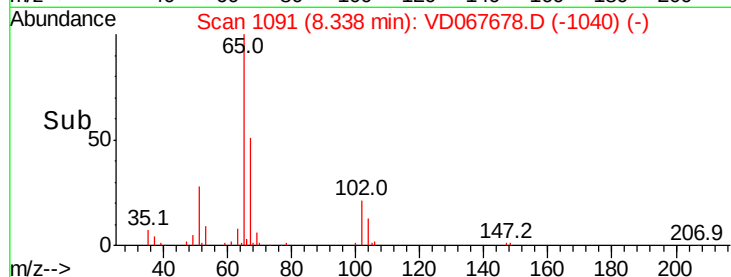
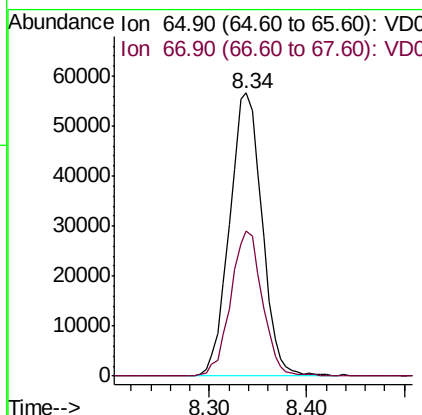
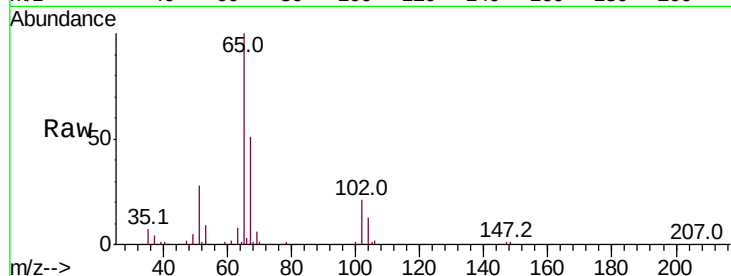




#33
 1,2-Dichloroethane-d4
 Concen: 57.279 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067678.D
 Acq: 18 Nov 2020 11:47

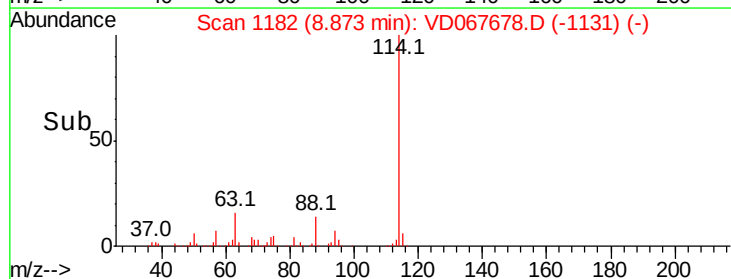
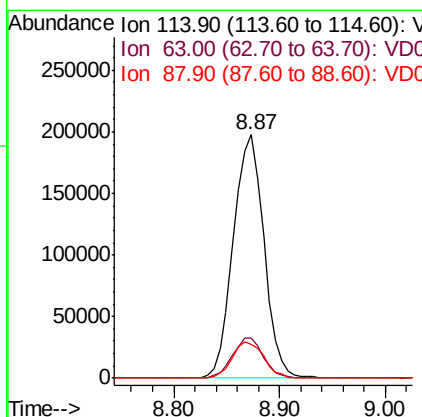
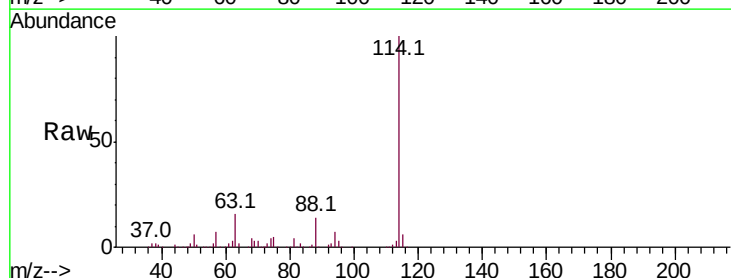
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-111720

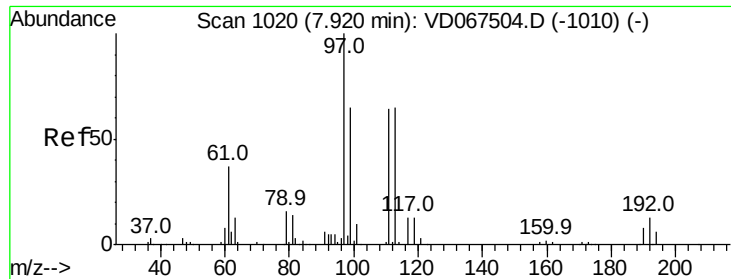
Tot Ion: 65 Resp: 130819
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VD067678.D
 Acq: 18 Nov 2020 11:47

Tgt Ion: 114 Resp: 397532
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 35.0
 88 13.9 0.0 33.0

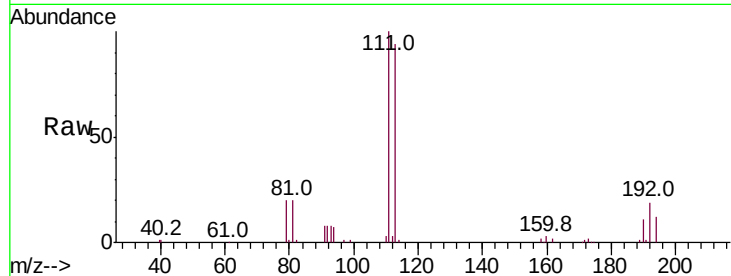




#35
 Dibromofluoromethane
 Concen: 54.966 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067678.D
 Acq: 18 Nov 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-111720

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.0	120.0
192	21.8	16.3	24.5

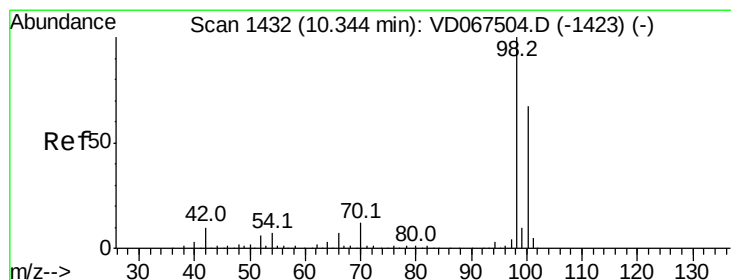
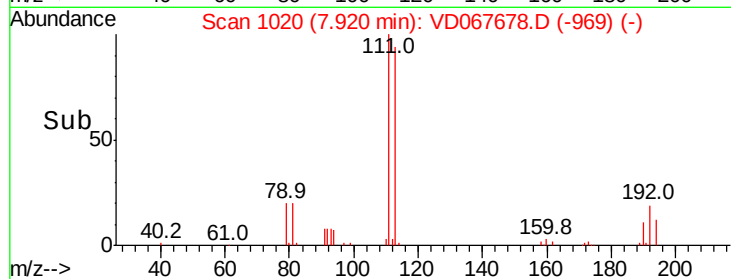
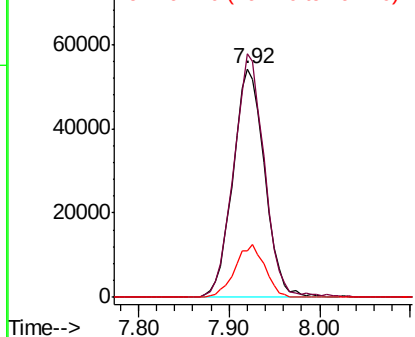


Abundance

Ion 112.80 (112.50 to 113.50): V

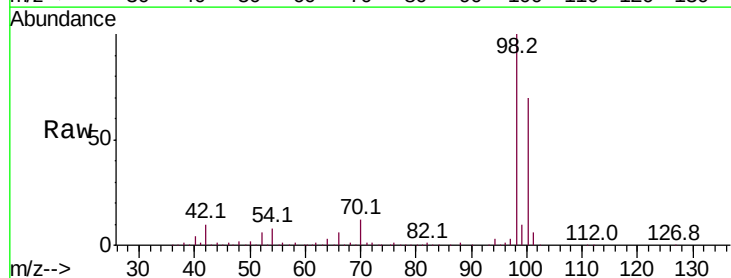
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 53.423 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067678.D
 Acq: 18 Nov 2020 11:47

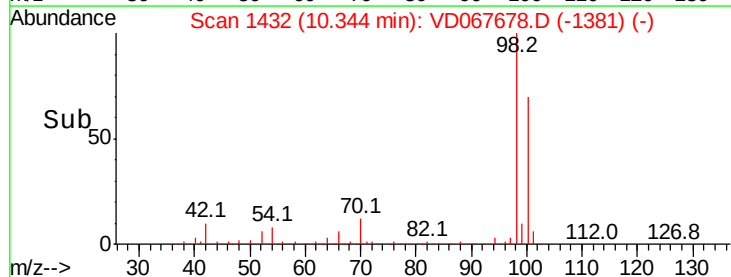
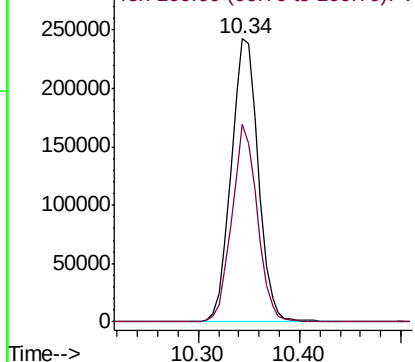
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.6

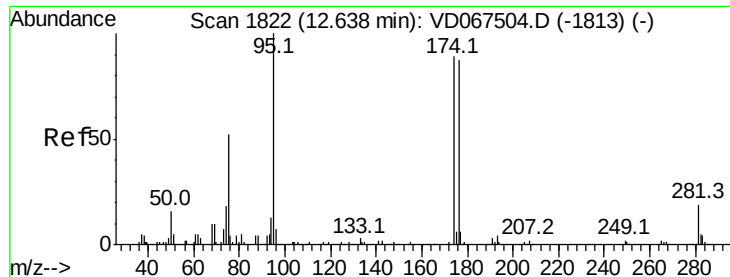


Abundance

Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

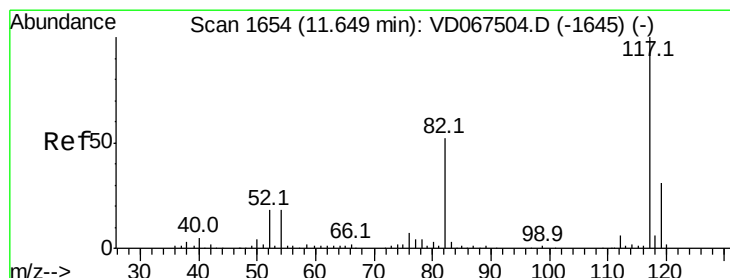
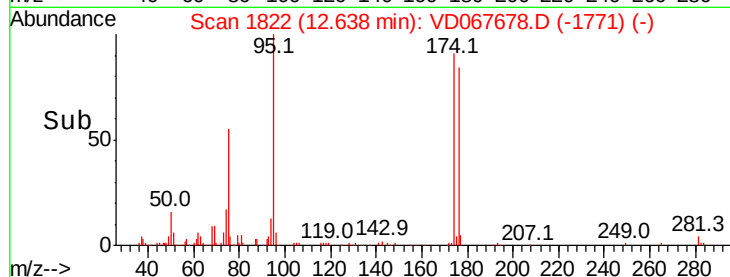
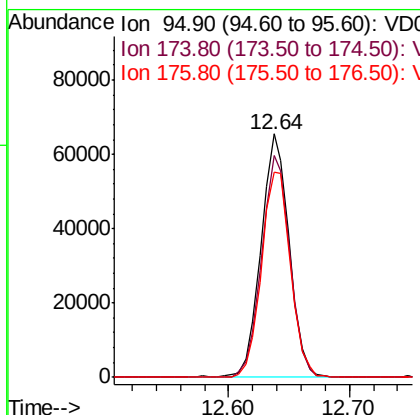
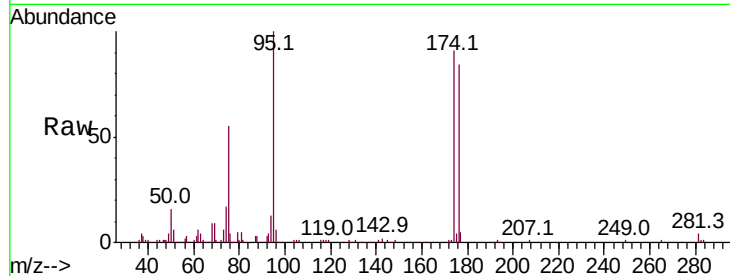




#62
4-Bromofluorobenzene
Concen: 36.542 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067678.D
Acq: 18 Nov 2020 11:47

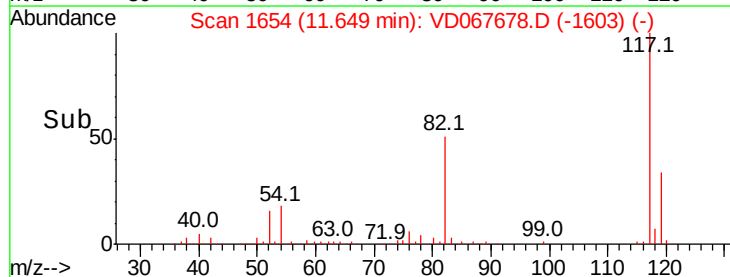
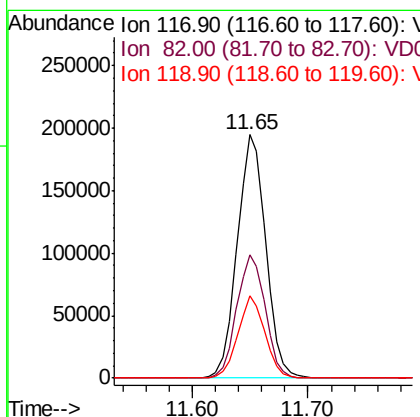
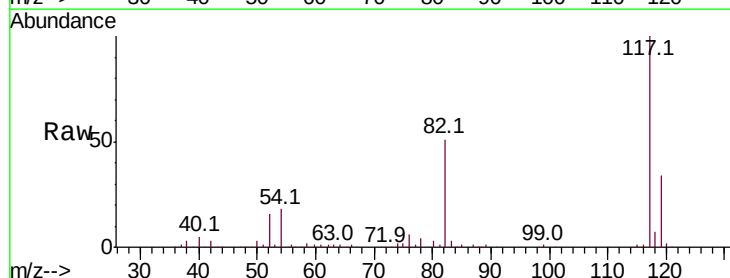
Instrument :
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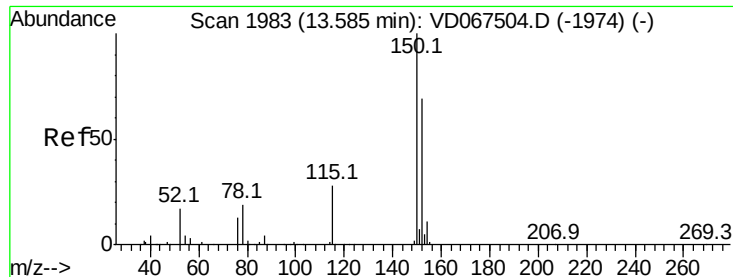
Tot Ion: 95 Resp: 106189
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.8
176 87.0 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067678.D
Acq: 18 Nov 2020 11:47

Tgt Ion: 117 Resp: 332388
Ion Ratio Lower Upper
117 100
82 50.9 41.6 62.4
119 33.8 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067678.D

Acq: 18 Nov 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

CL-01-111720

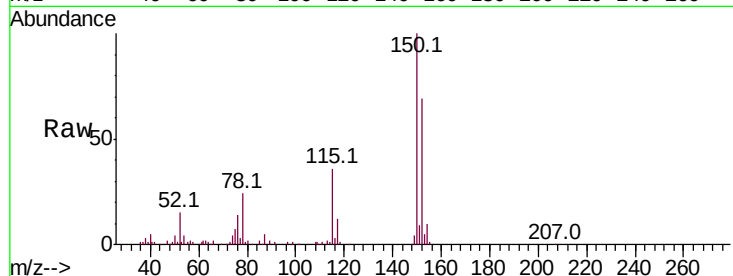
Tot Ion:152 Resp: 84544

Ion Ratio Lower Upper

152 100

115 58.0 29.3 88.0

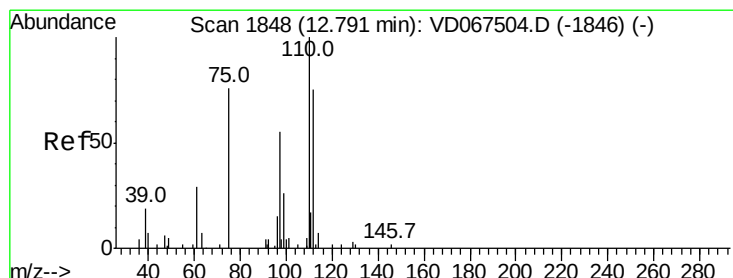
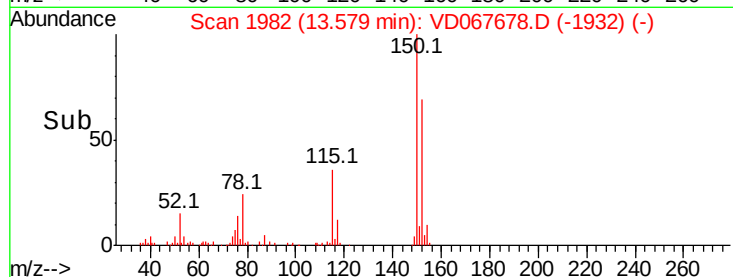
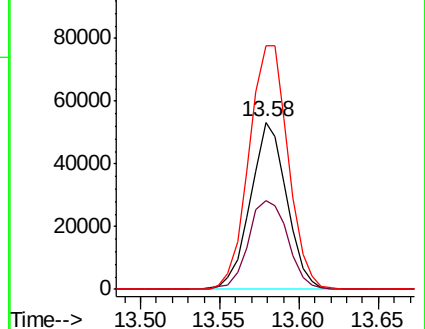
150 158.0 0.0 338.2



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: 104.969 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067678.D

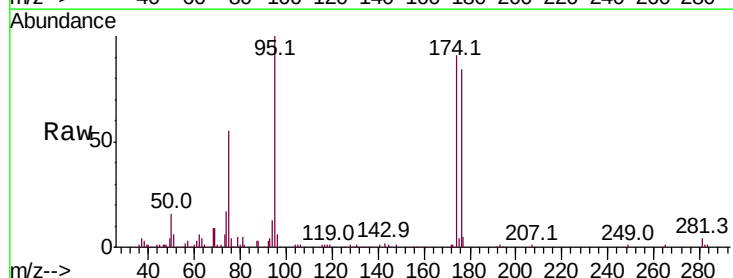
Acq: 18 Nov 2020 11:47

Tgt Ion: 75 Resp: 53536

Ion Ratio Lower Upper

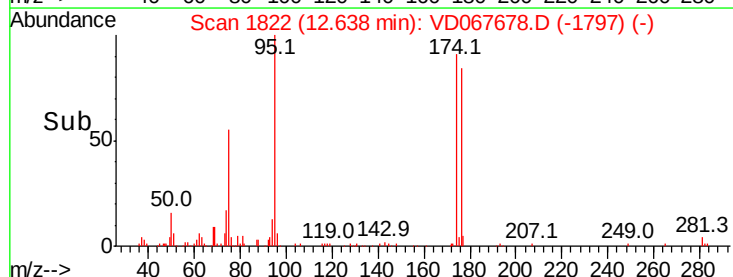
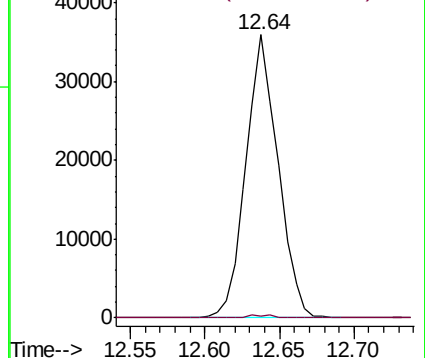
75 100

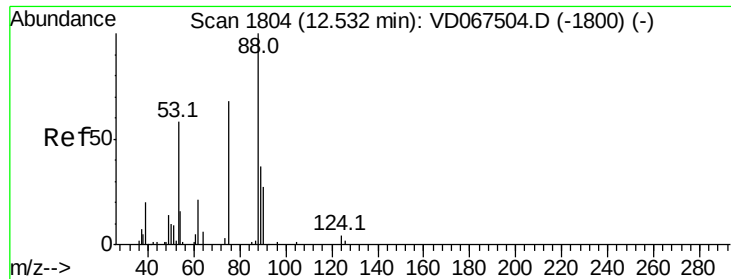
77 0.7 0.0 0.0#



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: 213.115 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067678.D

Acq: 18 Nov 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

CL-01-111720

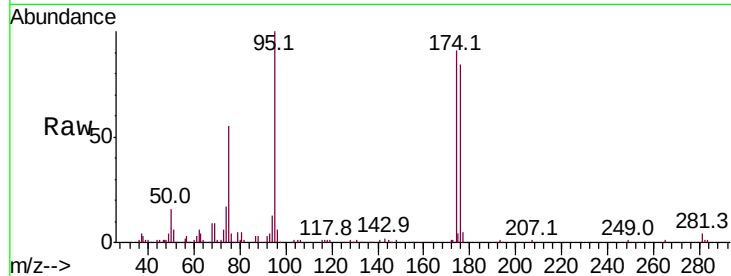
Tot Ion: 75 Resp: 53536

Ion Ratio Lower Upper

75 100

53 0.1 75.9 113.9#

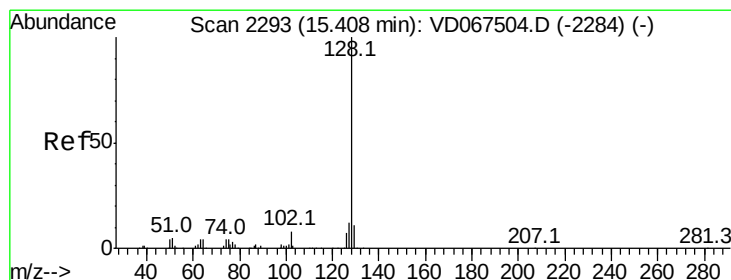
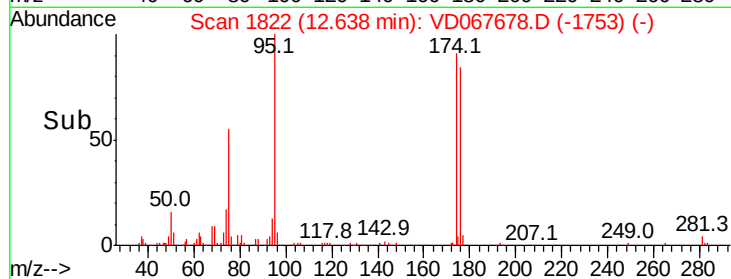
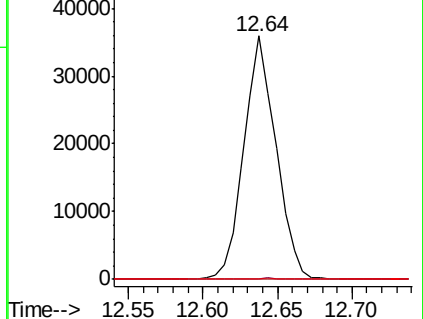
89 0.0 44.6 67.0#



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



#95

Naphthalene

Concen: 1.135 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD067678.D

Acq: 18 Nov 2020 11:47

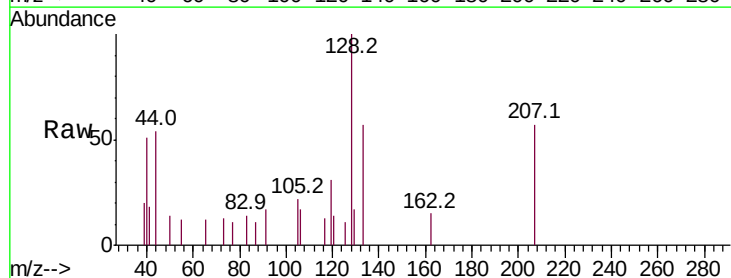
Tgt Ion:128 Resp: 2635

Ion Ratio Lower Upper

128 100

127 2.2 10.2 15.4#

129 17.8 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

