

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067138.D
 Acq On : 07 Oct 2020 06:26
 Operator : VA/SY
 Sample : L4273-11
 Misc : 4.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6

Quant Time: Oct 07 06:45:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

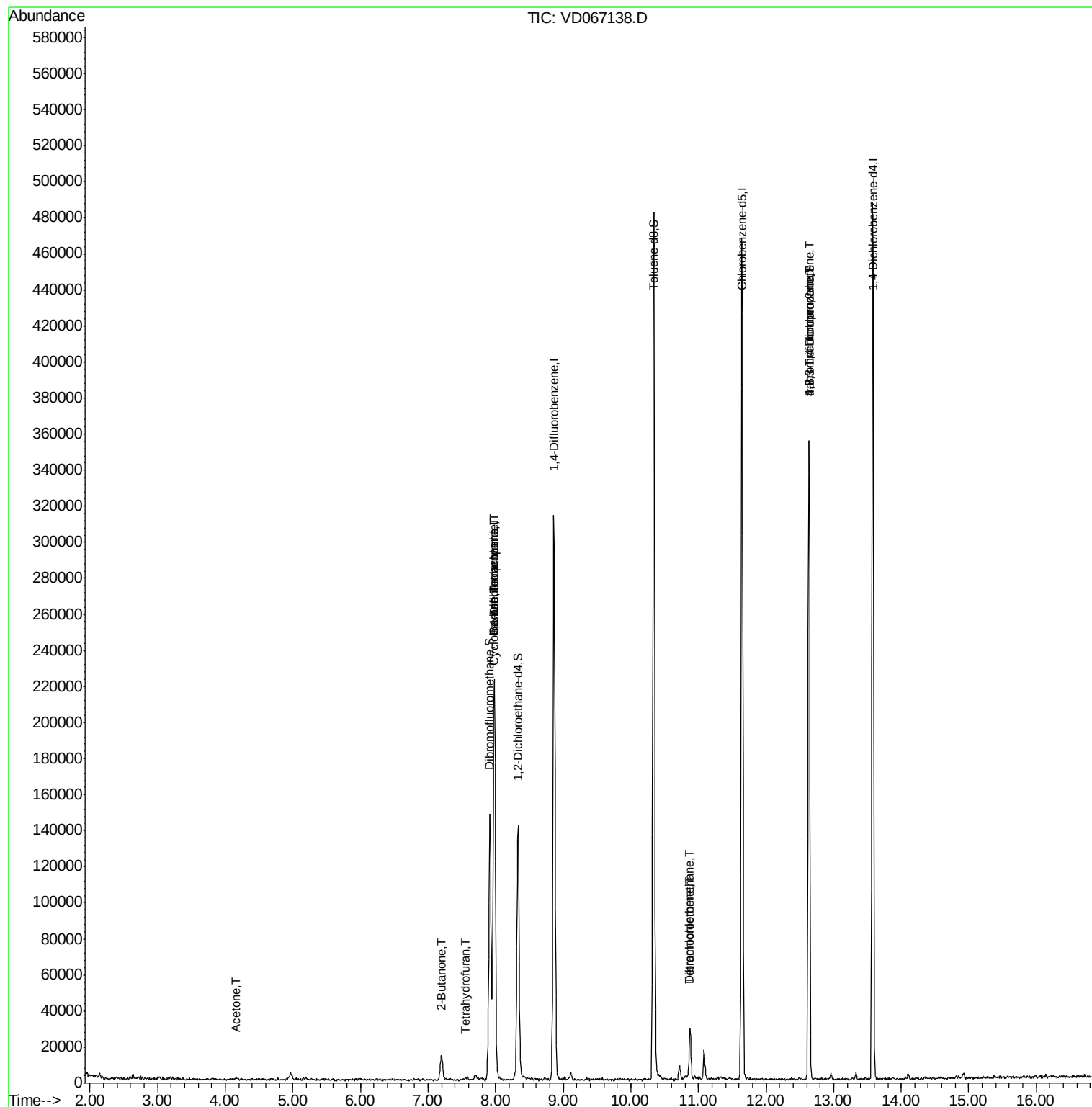
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	171437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	275497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	277933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	135199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	116154	70.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.68%	
35) Dibromofluoromethane	7.91	113	104812	58.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.22%	
50) Toluene-d8	10.34	98	335838	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.64	95	117257	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.86	94	53	Below Cal	#	3
11) Tert butyl alcohol	5.23	59	80	Below Cal	#	72
16) Acetone	4.16	43	1726	6.847	ug/l #	85
20) Methylene Chloride	4.96	84	3031	Below Cal	#	83
25) 2-Butanone	7.20	43	360	1.007	ug/l #	46
26) 2,2-Dichloropropane	7.20	77	882	Below Cal	#	53
29) Tetrahydrofuran	7.56	42	223	1.085	ug/l #	30
31) Cyclohexane	7.97	56	3847	1.551	ug/l #	54
36) 1,1-Dichloropropene	7.98	75	12996	5.061	ug/l #	51
38) Carbon Tetrachloride	7.98	117	17257	6.211	ug/l #	19
60) Dibromochloromethane	10.88	129	6182	3.464	ug/l #	12
64) Tetrachloroethene	10.87	164	7142	3.535	ug/l #	77
76) 1,2,3-Trichloropropane	12.64	75	58650	49.803	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	58650	124.166	ug/l #	12

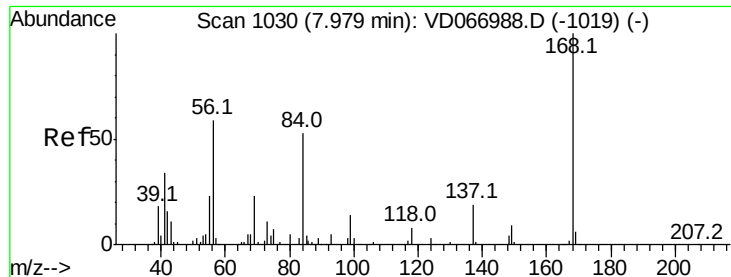
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100620\
Data File : VD067138.D
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Operator : VA/SY
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MSVOA_D
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SB-6

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067138.D

Acq: 07 Oct 2020 06:26

Instrument :

MSVOA_D

ClientSampleId :

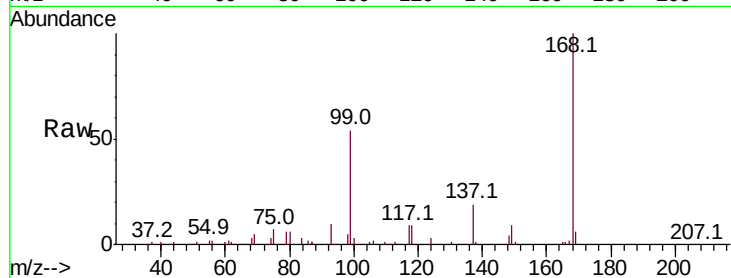
SB-6

Tot Ion:168 Resp: 171437

Ion Ratio Lower Upper

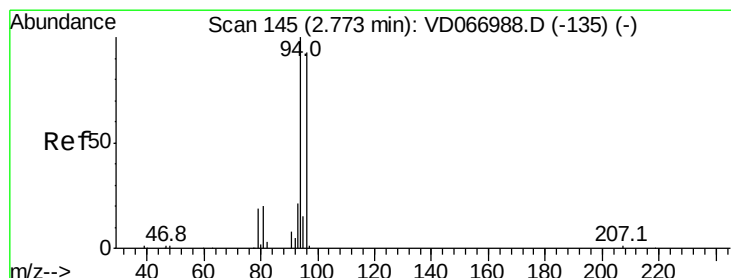
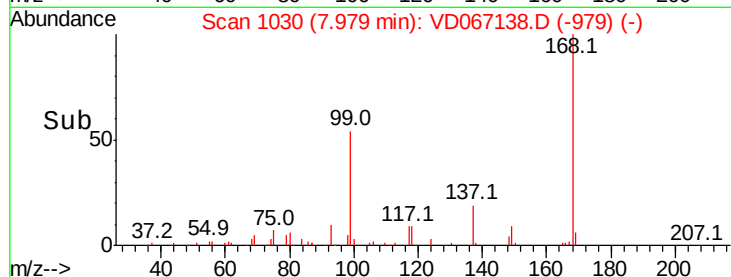
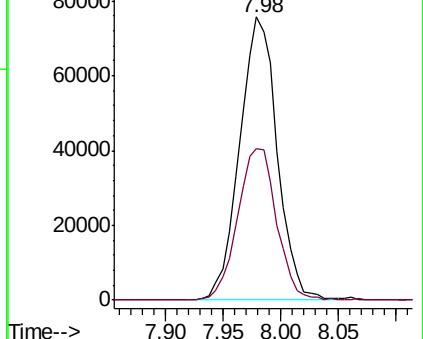
168 100

99 53.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.86 min Scan# 159

Delta R.T. 0.08 min

Lab File: VD067138.D

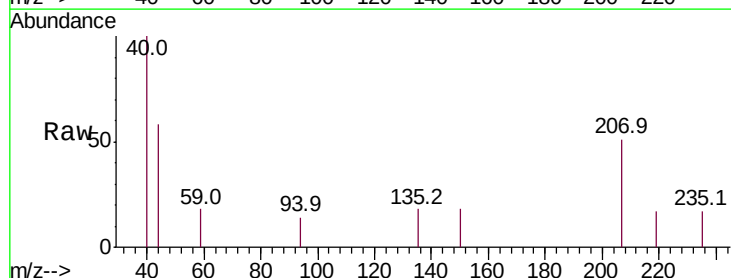
Acq: 07 Oct 2020 06:26

Tgt Ion: 94 Resp: 53

Ion Ratio Lower Upper

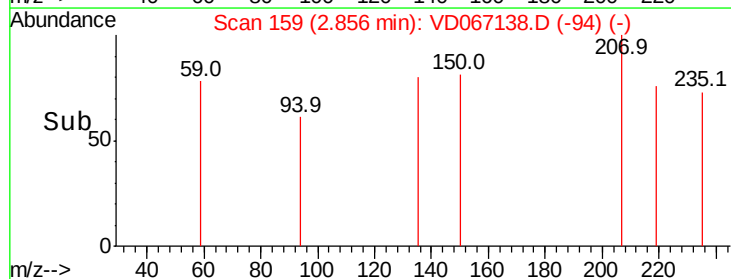
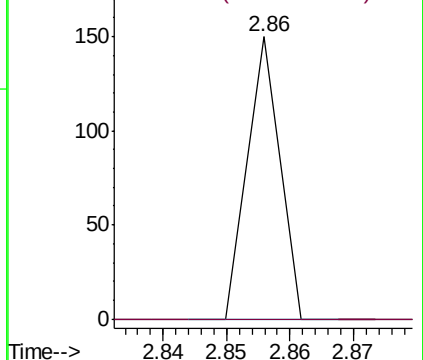
94 100

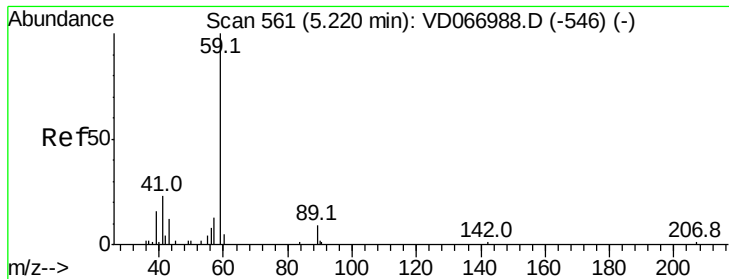
96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



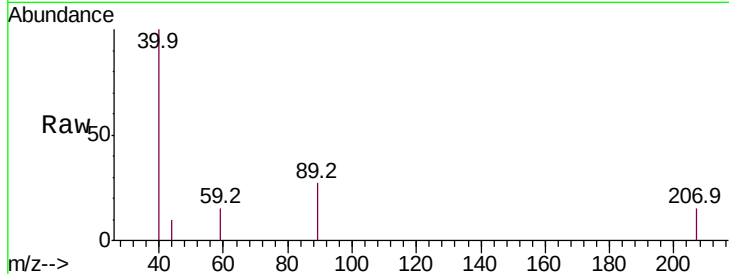


#11

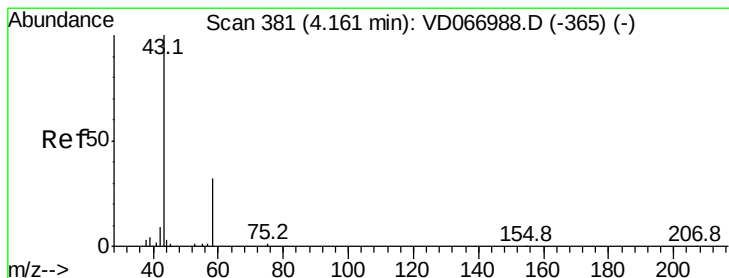
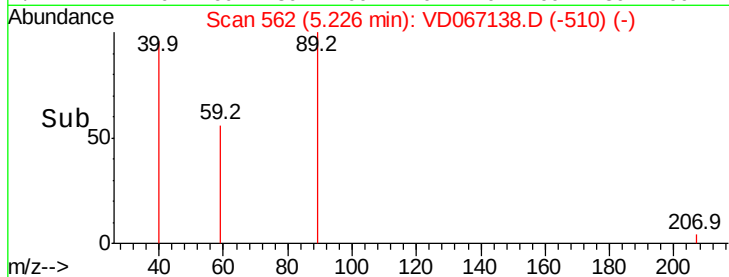
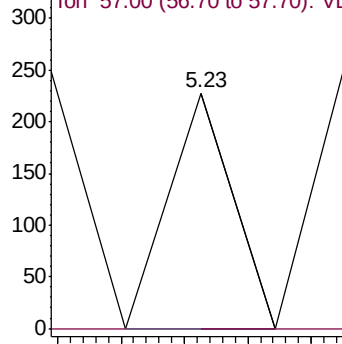
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD067138.D
 Acq: 07 Oct 2020 06:26

Instrument :
 MSVOA_D
 ClientSampled :
 SB-6

Tot Ion: 59 Resp: 80
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#



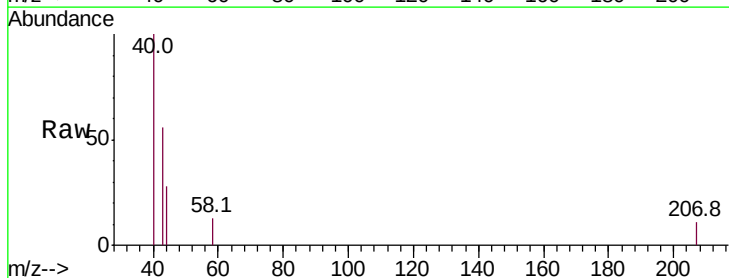
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



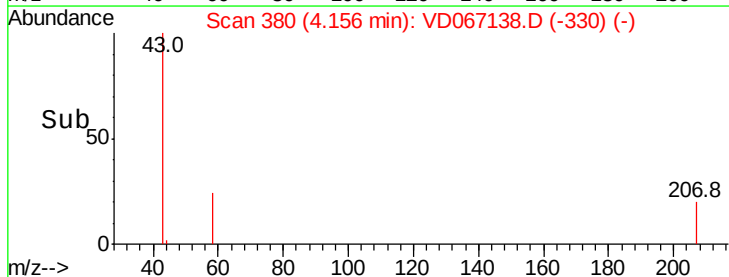
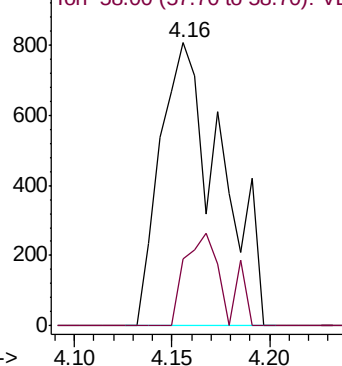
#16

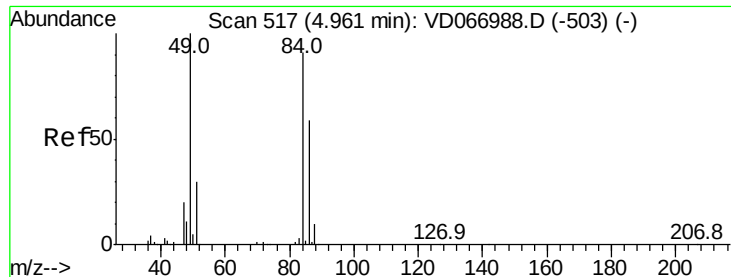
Acetone
 Concen: 6.847 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VD067138.D
 Acq: 07 Oct 2020 06:26

Tgt Ion: 43 Resp: 1726
 Ion Ratio Lower Upper
 43 100
 58 23.7 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

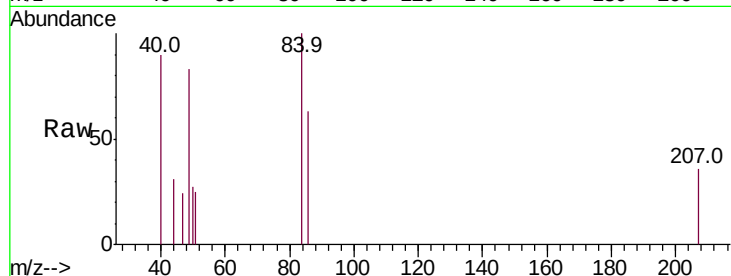




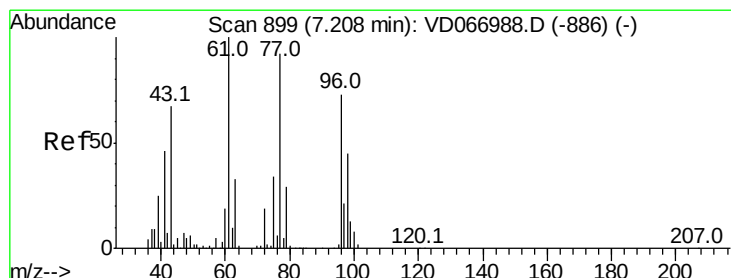
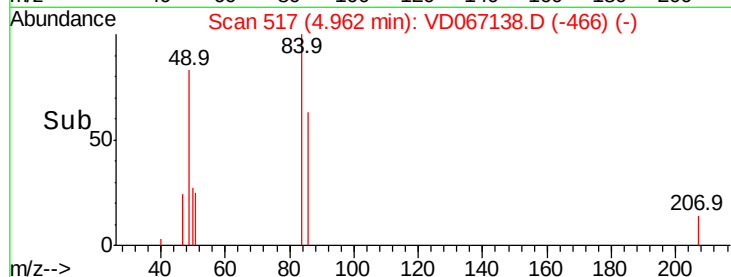
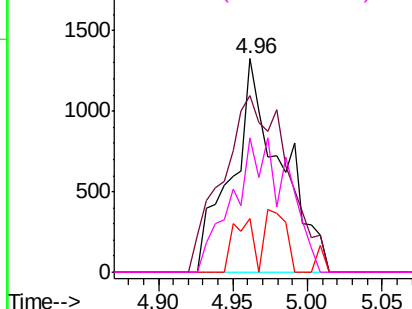
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

Instrument :
MSVOA_D
ClientSampled :
SB-6

Tot Ion: 84 Resp: 3031
Ion Ratio Lower Upper
84 100
49 82.7 88.2 132.2#
51 25.0 26.6 39.8#
86 62.7 52.1 78.1

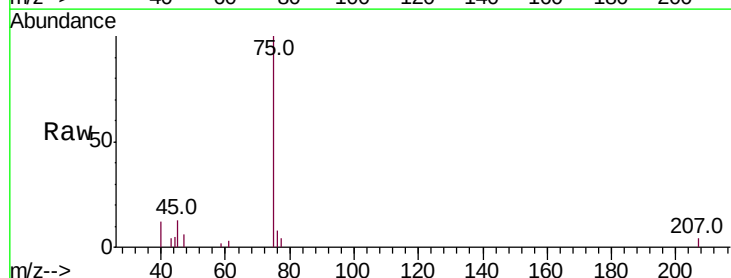


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

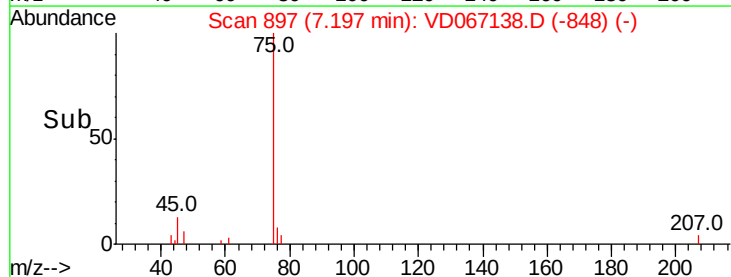
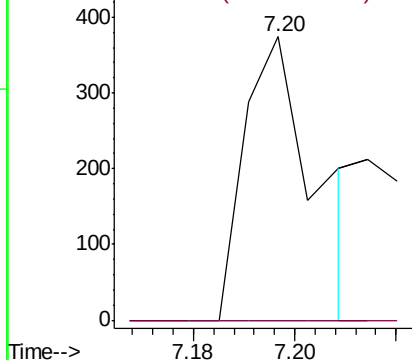


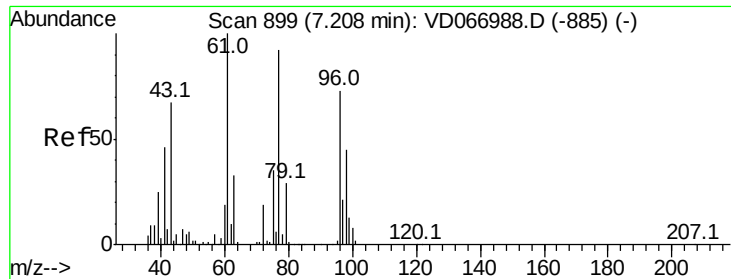
#25
2-Butanone
Concen: 1.007 ug/l
RT: 7.20 min Scan# 897
Delta R.T. -0.01 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

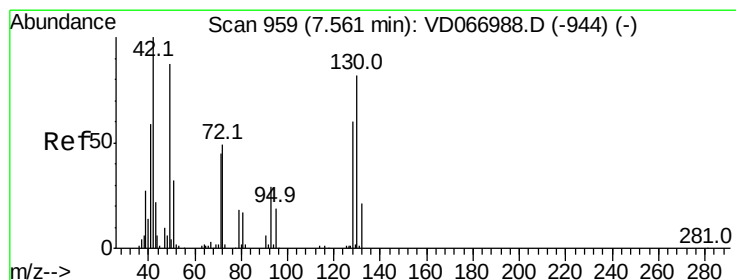
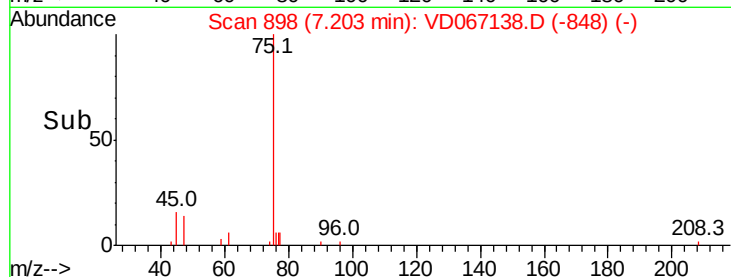
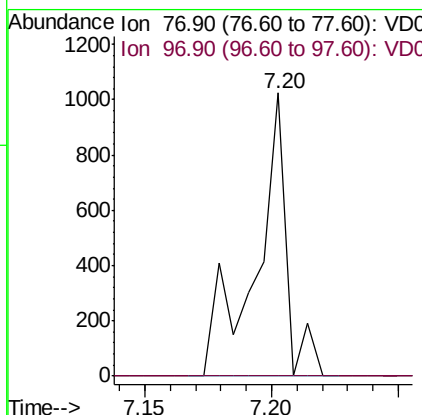
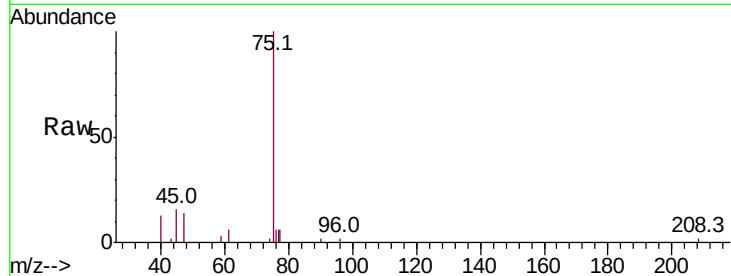




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

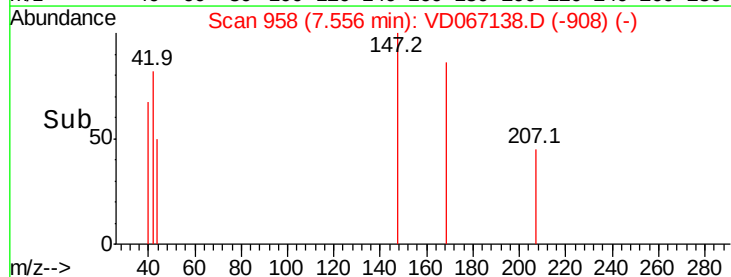
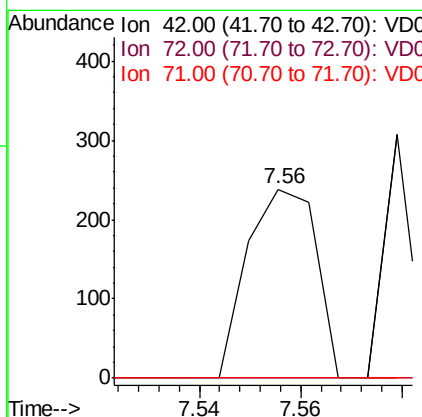
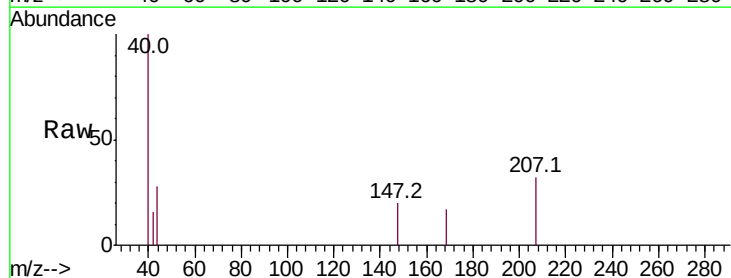
Instrument :
MSVOA_D
ClientSampleId :
SB-6

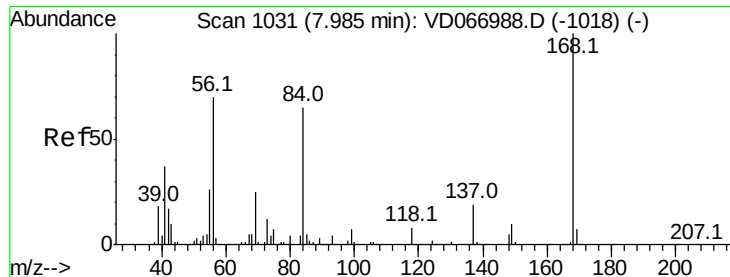
Tot Ion: 77 Resp: 882
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#29
Tetrahydrofuran
Concen: 1.085 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

Tgt Ion: 42 Resp: 223
Ion Ratio Lower Upper
42 100
72 0.0 39.1 58.7#
71 0.0 34.2 51.4#

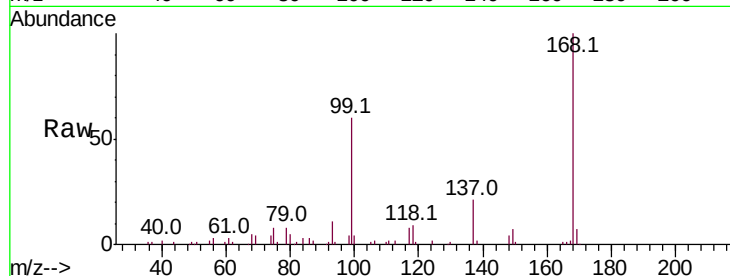




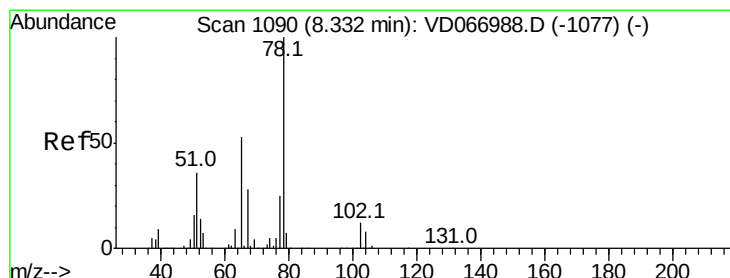
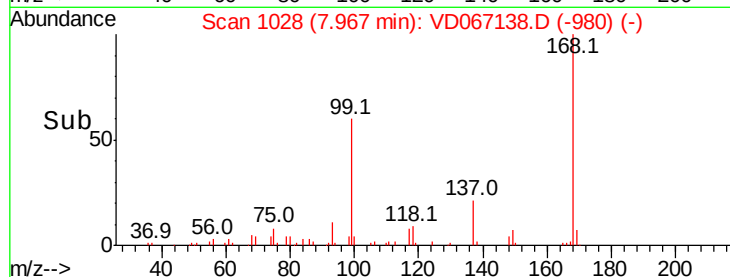
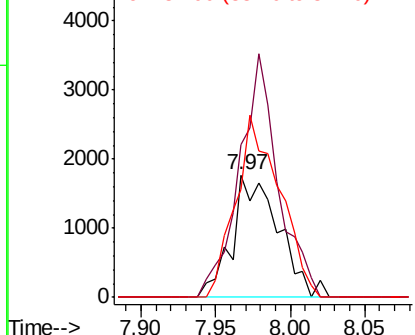
#31
Cyclohexane
Concen: 1.551 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.02 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

Instrument :
MSVOA_D
ClientSampled :
SB-6

Tot Ion: 56 Resp: 3847
Ion Ratio Lower Upper
56 100
69 125.0 29.0 43.6#
84 87.7 74.2 111.2

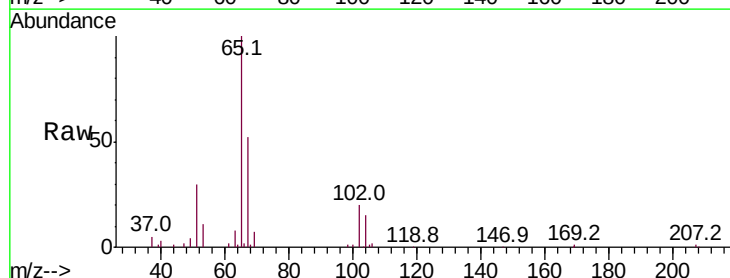


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

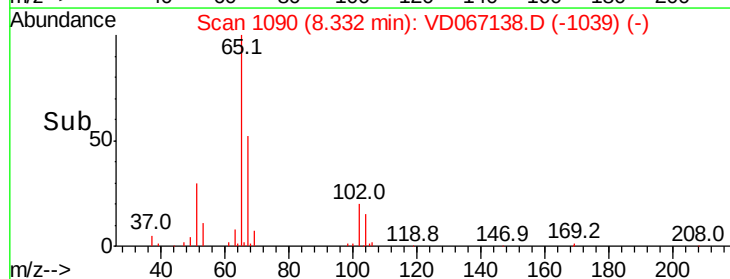
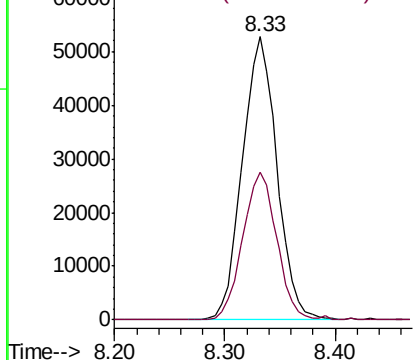


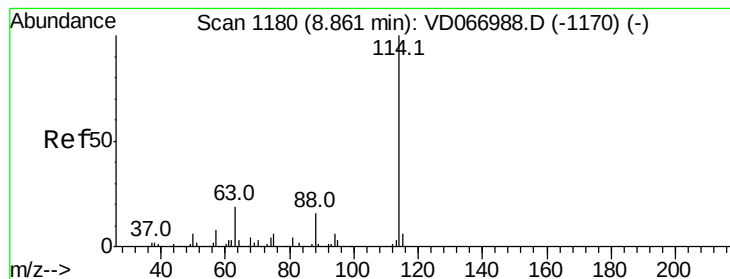
#33
1,2-Dichloroethane-d4
Concen: 70.342 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

Tgt Ion: 65 Resp: 116154
Ion Ratio Lower Upper
65 100
67 51.6 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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067138.D

Acq: 07 Oct 2020 06:26

Instrument :

MSVOA_D

ClientSampleId :

SB-6

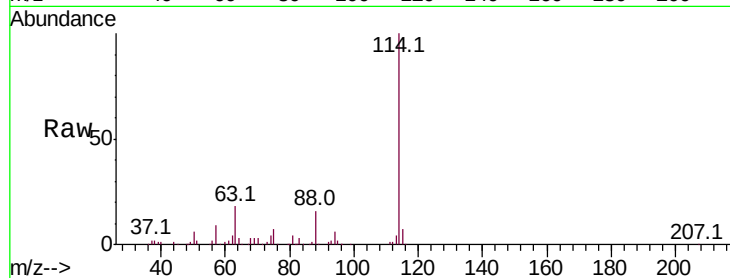
Tot Ion:114 Resp: 275497

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

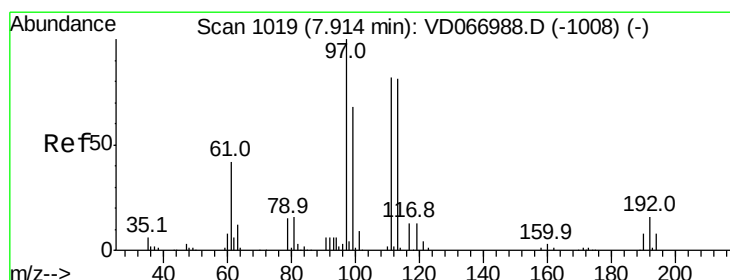
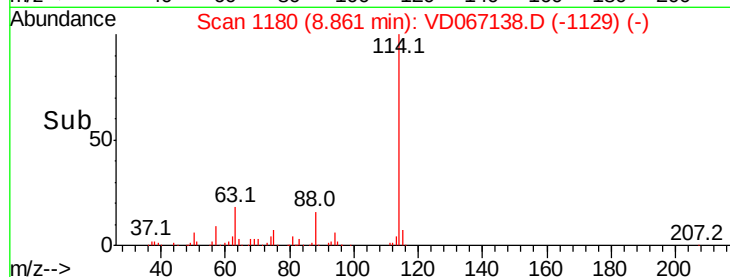
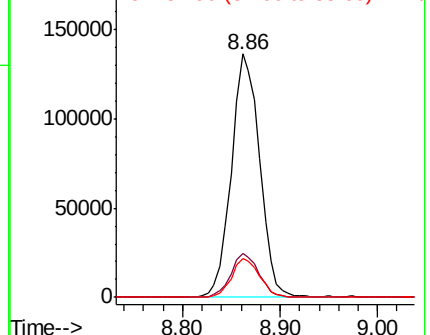
88 16.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 58.112 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067138.D

Acq: 07 Oct 2020 06:26

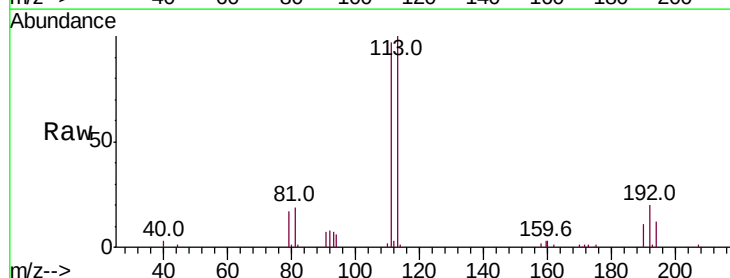
Tgt Ion:113 Resp: 104812

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.4

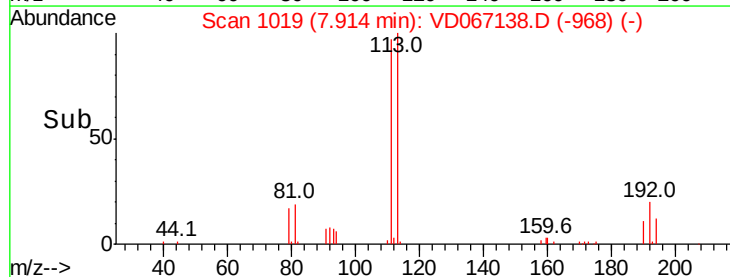
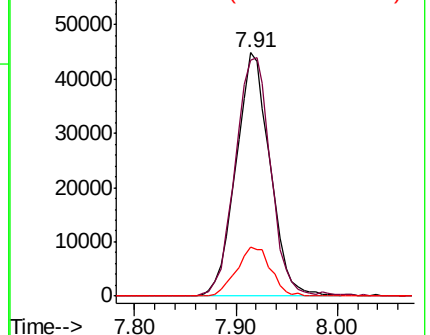
192 20.2 15.5 23.3

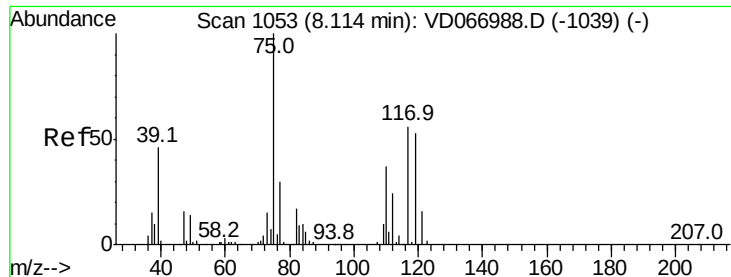


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

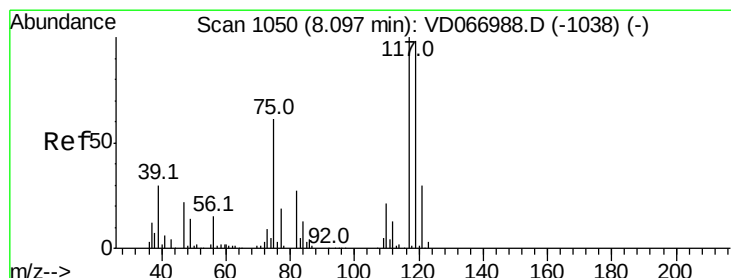
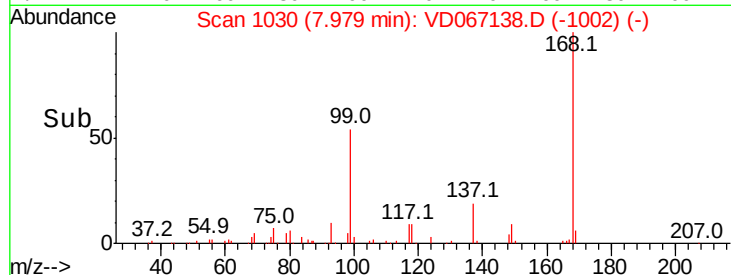
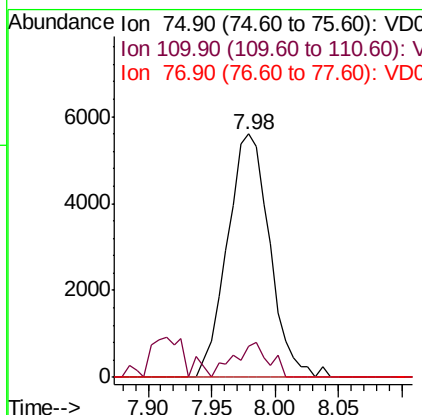
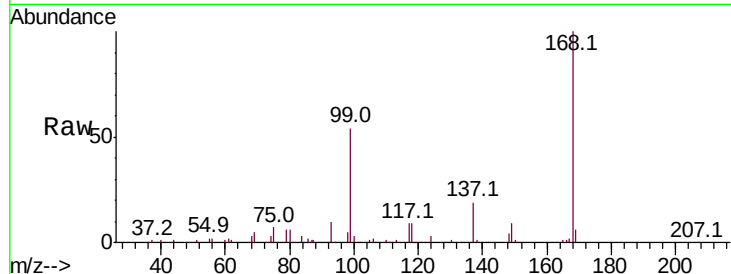




#36
 1,1-Dichloropropene
 Concen: 5.061 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067138.D
 Acq: 07 Oct 2020 06:26

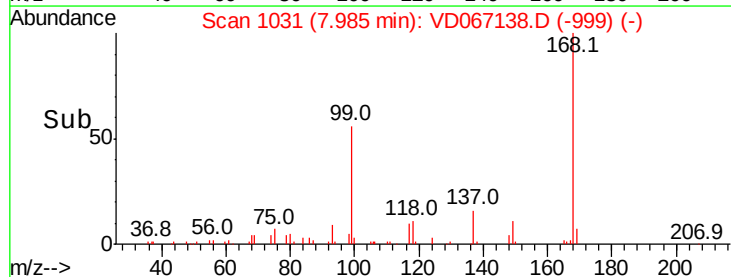
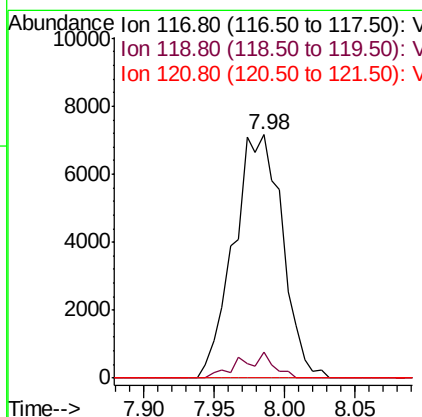
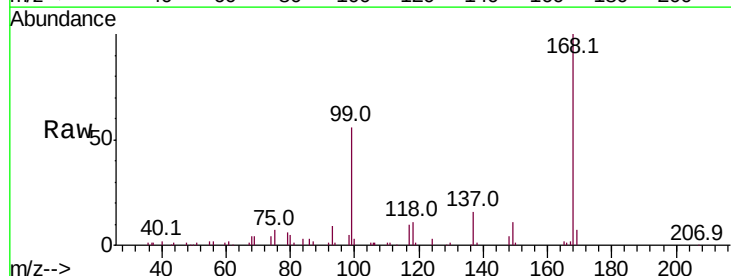
Instrument :
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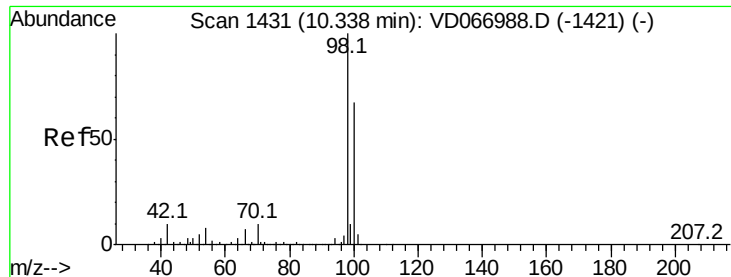
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.8	18.4	55.0#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.211 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD067138.D
 Acq: 07 Oct 2020 06:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	10.8	78.7	118.1#
121	0.0	24.2	36.2#

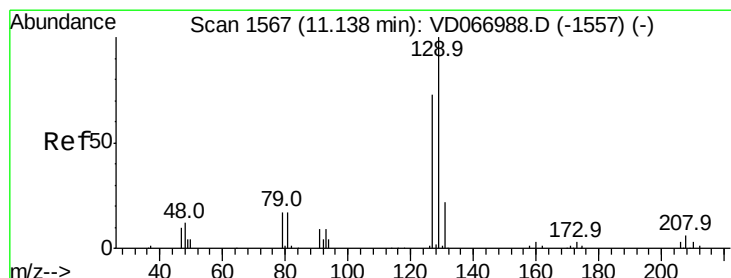
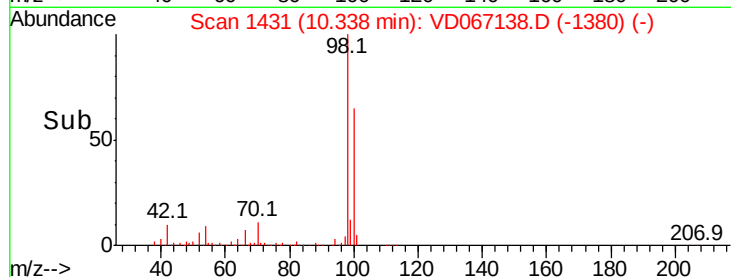
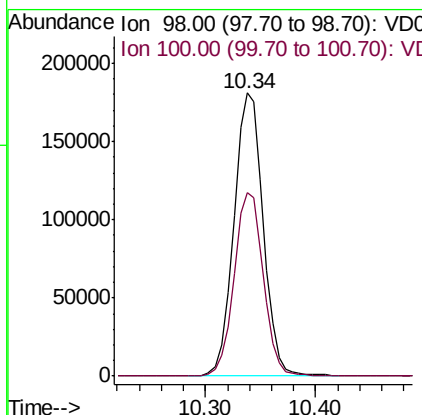
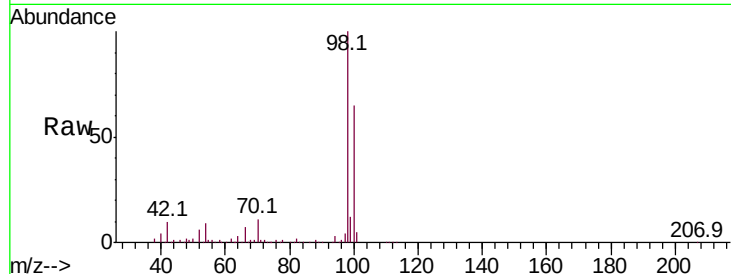




#50
Toluene-d8
Concen: 51.100 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

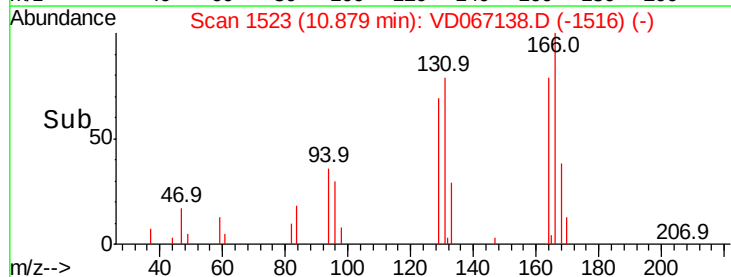
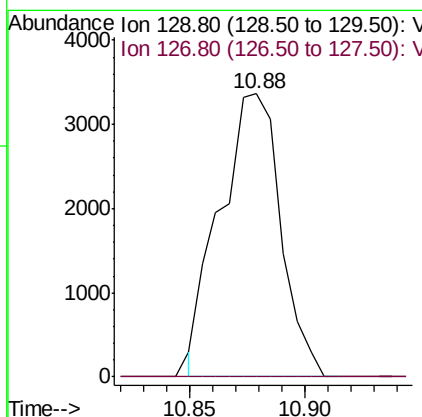
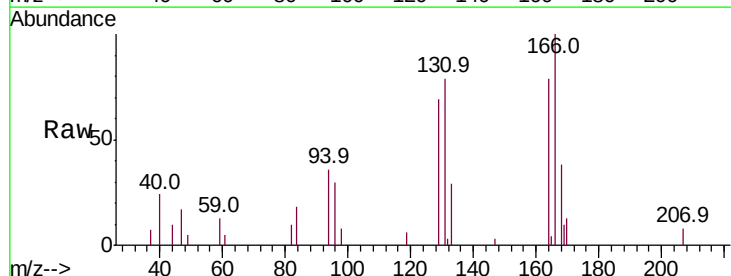
Instrument :
MSVOA_D
ClientSampled :
SB-6

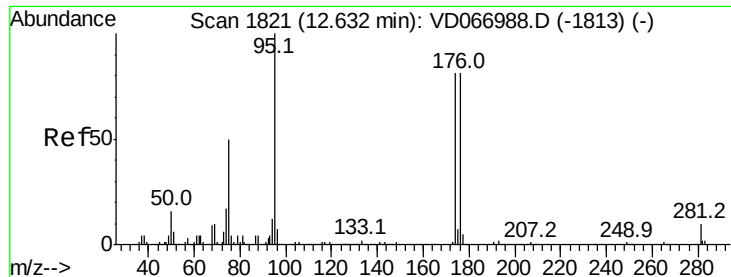
Tot Ion: 98 Resp: 335838
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#60
Dibromochloromethane
Concen: 3.464 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.26 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

Tgt Ion: 129 Resp: 6182
Ion Ratio Lower Upper
129 100
127 0.0 37.4 112.1#

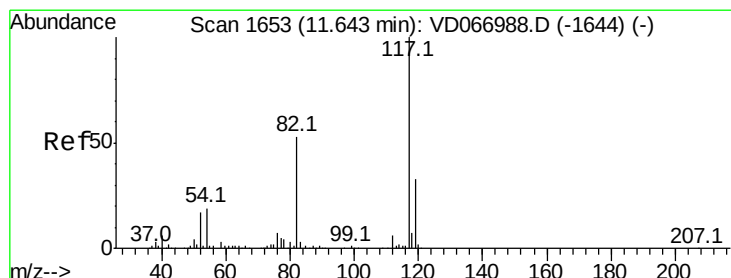
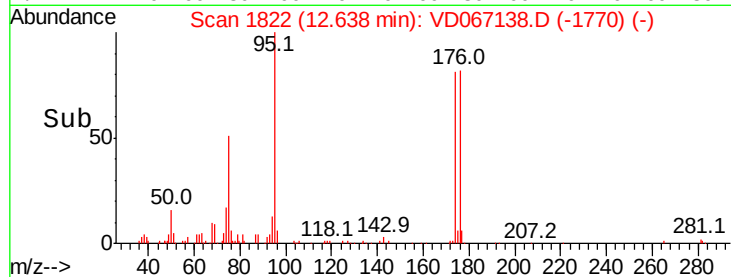
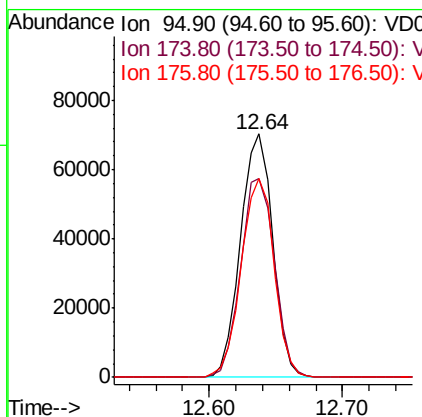
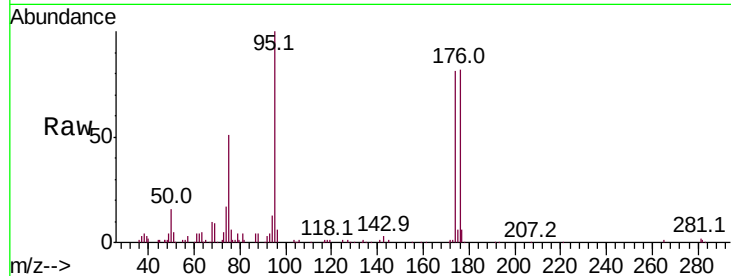




#62
4-Bromofluorobenzene
Concen: 52.556 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

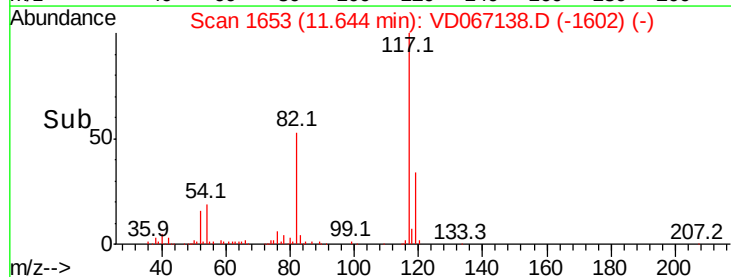
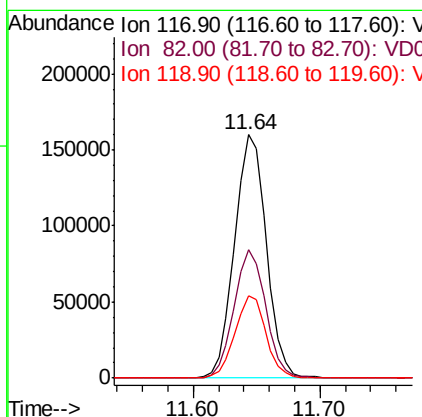
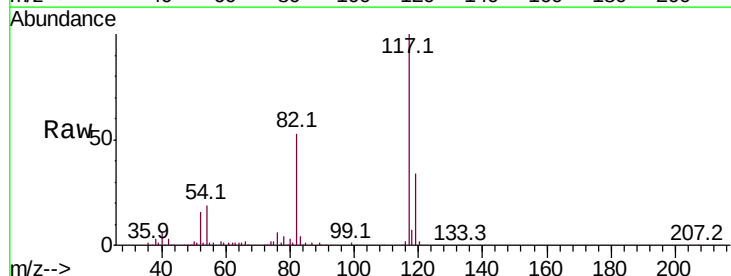
Instrument :
MSVOA_D
ClientSampleId :
SB-6

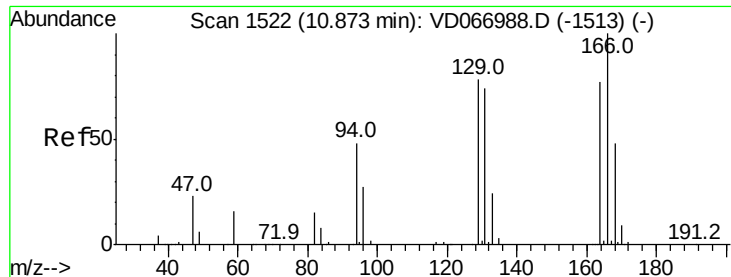
Tot Ion: 95 Resp: 117257
Ion Ratio Lower Upper
95 100
174 85.7 0.0 167.6
176 83.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

Tgt Ion: 117 Resp: 277933
Ion Ratio Lower Upper
117 100
82 52.7 42.6 63.8
119 33.9 26.3 39.5

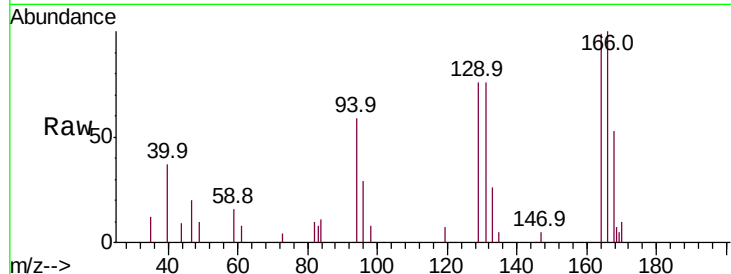




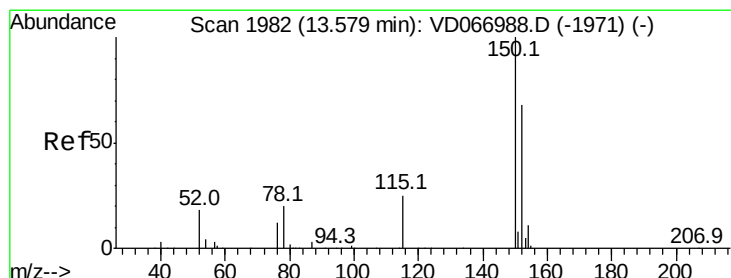
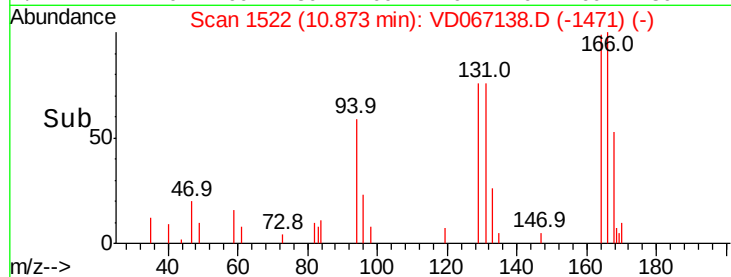
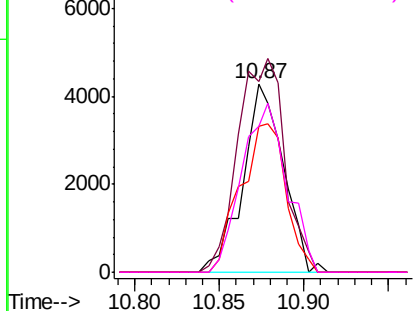
#64
Tetrachloroethene
Concen: 3.535 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

Instrument :
MSVOA_D
ClientSampleId :
SB-6

Tot Ion:164 Resp: 7142
Ion Ratio Lower Upper
164 100
166 101.3 104.4 156.6#
129 77.5 81.3 121.9#
131 77.3 77.1 115.7

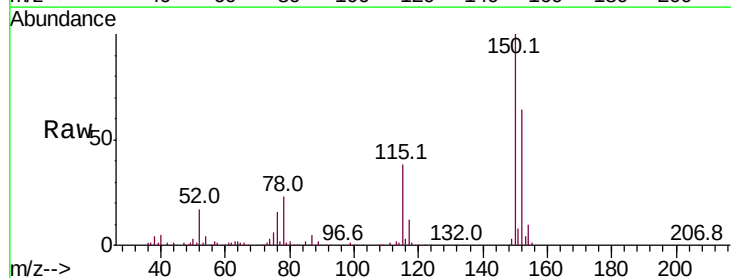


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

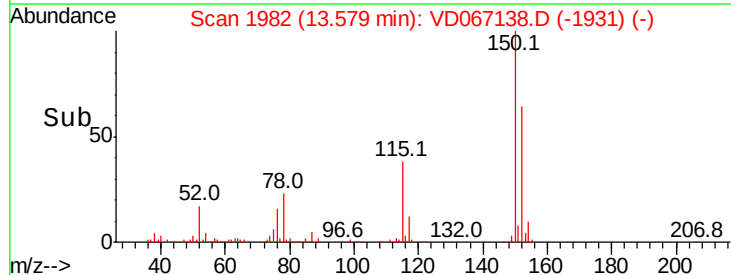
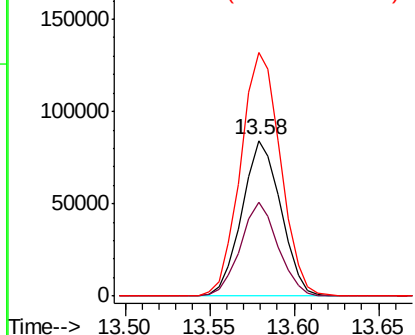


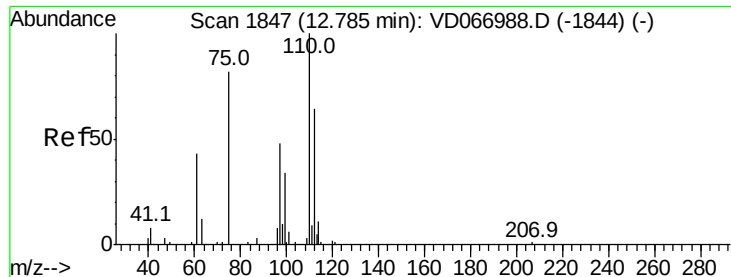
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067138.D
Acq: 07 Oct 2020 06:26

Tgt Ion:152 Resp: 135199
Ion Ratio Lower Upper
152 100
115 58.2 29.6 88.8
150 160.7 0.0 344.8



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





#76

1,2,3-Trichloropropane

Concen: 49.803 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067138.D

Acq: 07 Oct 2020 06:26

Instrument :

MSVOA_D

ClientSampleId :

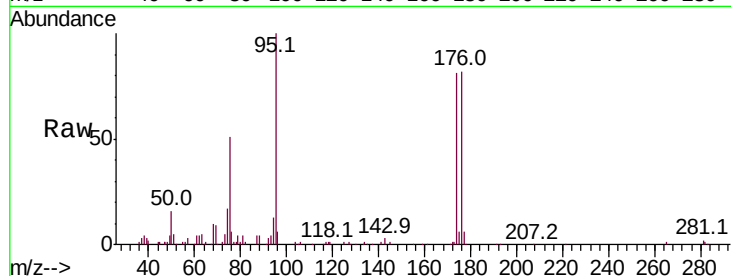
SB-6

Tot Ion: 75 Resp: 58650

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

40000

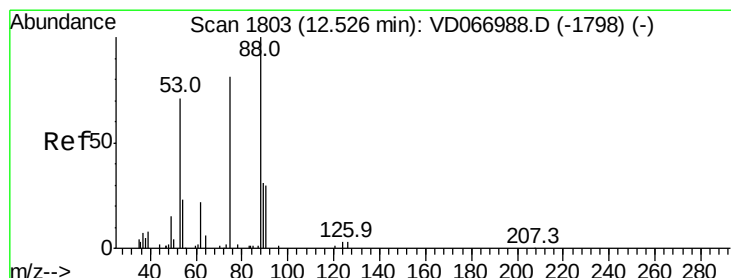
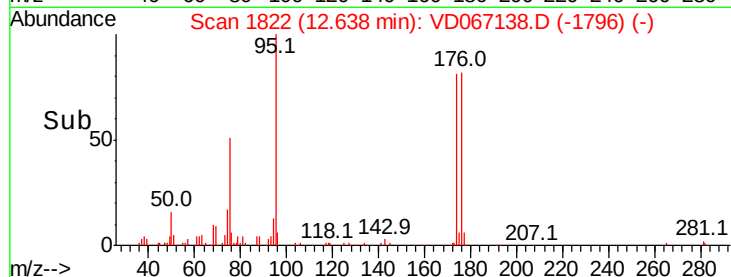
30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 124.166 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067138.D

Acq: 07 Oct 2020 06:26

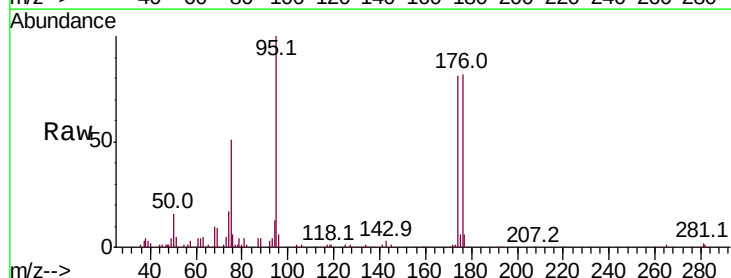
Tgt Ion: 75 Resp: 58650

Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 38.9 58.3#



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

12.64

50000

40000

30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70

