

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066490.D
 Acq On : 31 Aug 2020 18:29
 Operator : VA/SY
 Sample : L3506-11
 Misc : 6.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

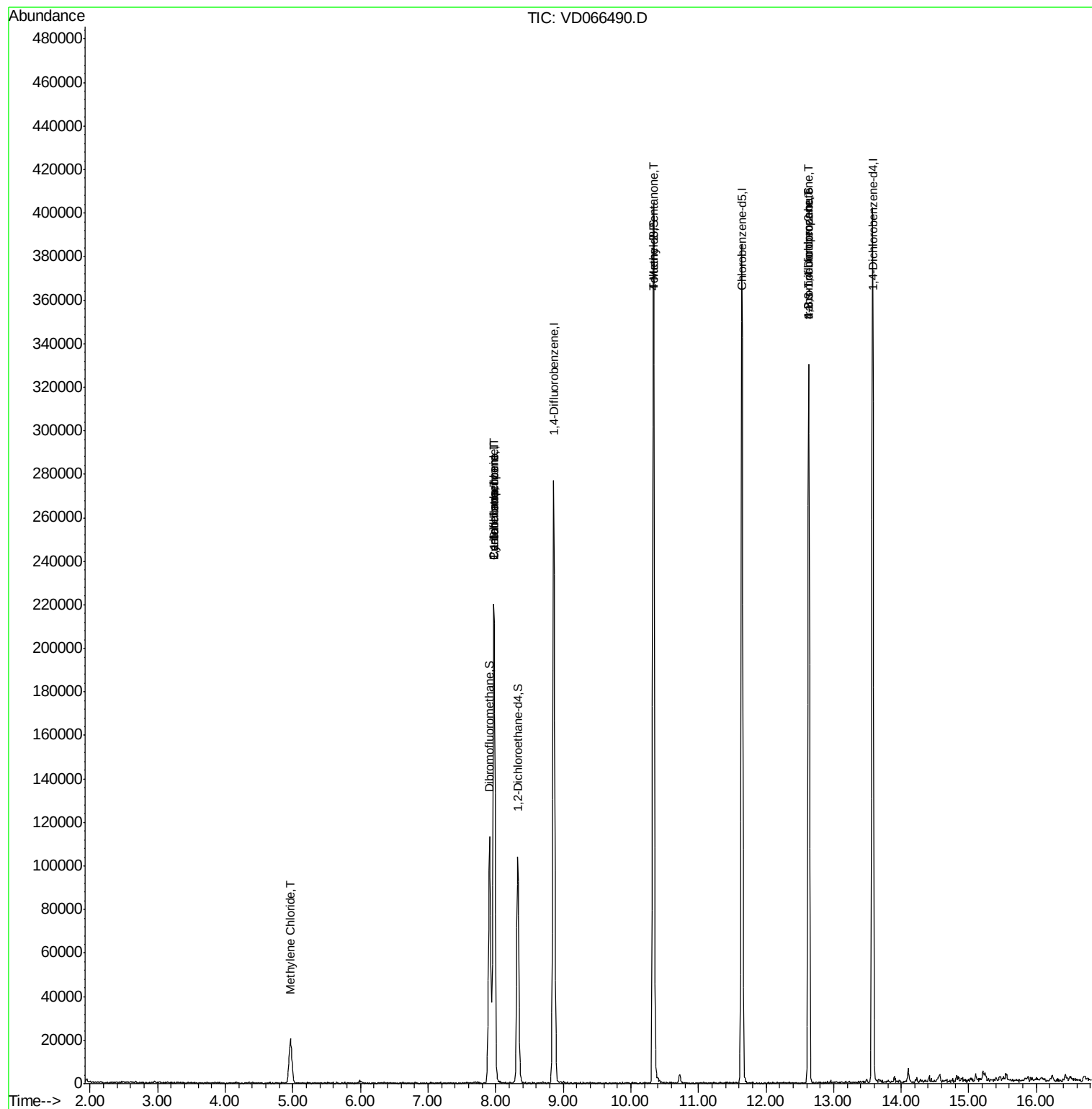
Quant Time: Sep 01 01:03:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

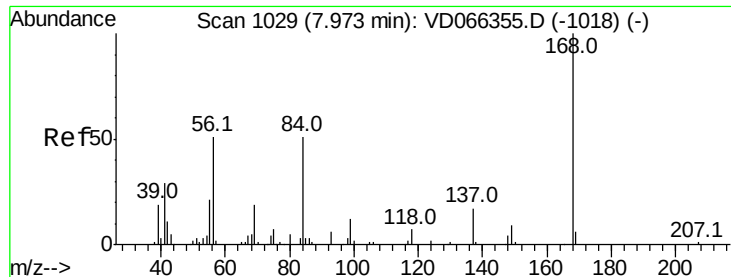
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	162458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	235110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	216850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	96403	60.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.06%	
35) Dibromofluoromethane	7.91	113	72884	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.33	98	274145	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.63	95	92797	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
Target Compounds						
20) Methylene Chloride	4.96	84	15025	3.961	ug/l	91
31) Cyclohexane	7.97	56	3170	1.433	ug/l #	24
36) 1,1-Dichloropropene	7.97	75	11336	5.284	ug/l #	53
38) Carbon Tetrachloride	7.98	117	17513	6.266	ug/l #	17
51) 4-Methyl-2-Pentanone	10.34	43	1217	1.718	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	57959	74.111	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	57959	157.313	ug/l #	6

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066490.D

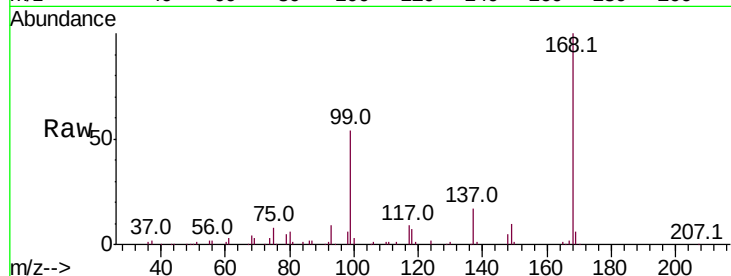
Acq: 31 Aug 2020 18:29

Tot Ion:168 Resp: 162458

Ion Ratio Lower Upper

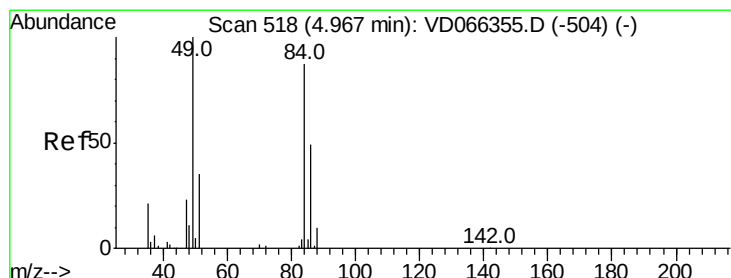
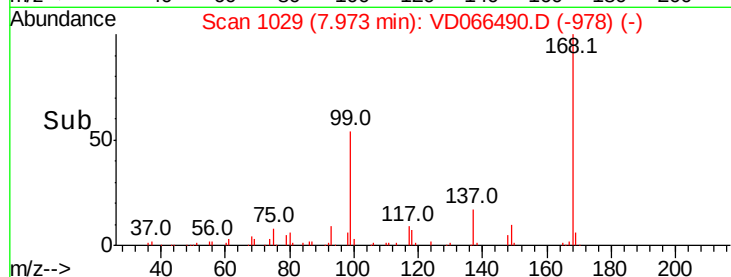
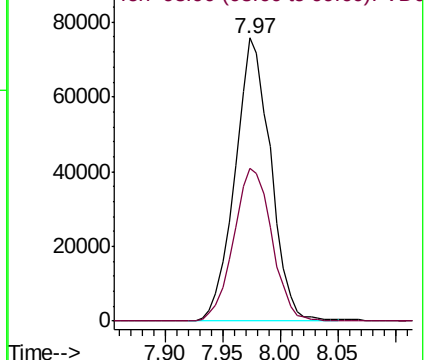
168 100

99 54.0 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 3.961 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066490.D

Acq: 31 Aug 2020 18:29

Tgt Ion: 84 Resp: 15025

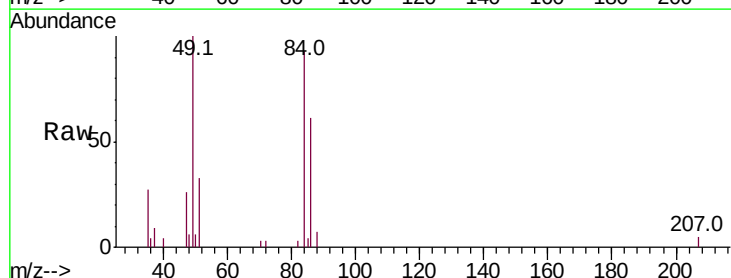
Ion Ratio Lower Upper

84 100

49 107.8 92.5 138.7

51 35.1 32.5 48.7

86 65.8 45.0 67.6

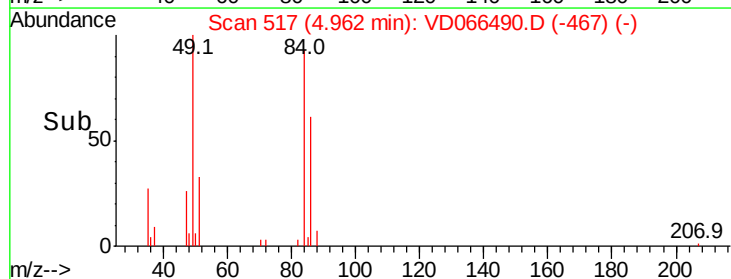
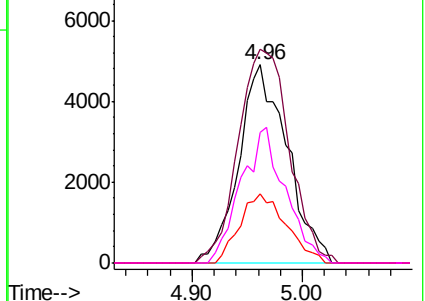


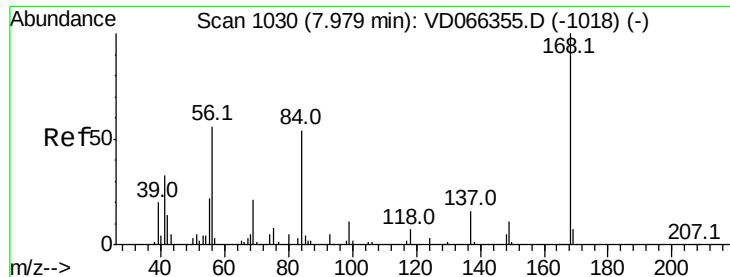
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

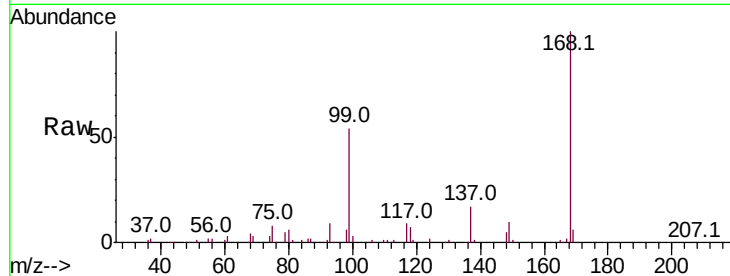
Ion 85.90 (85.60 to 86.60): VDC



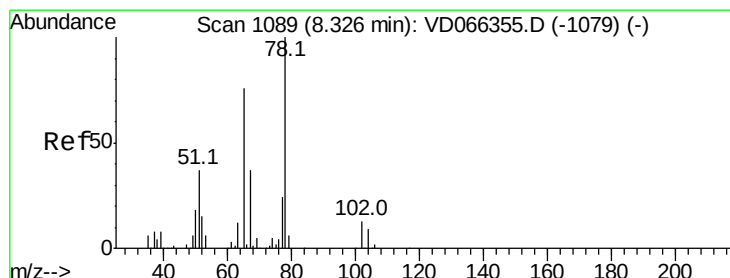
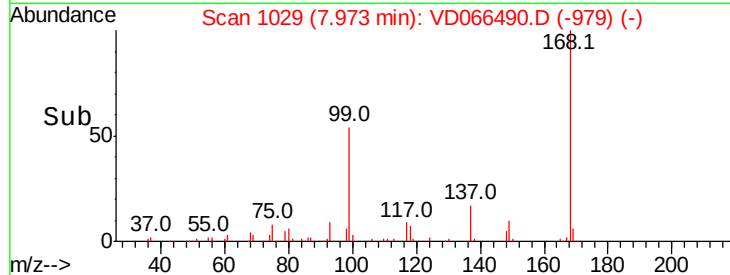
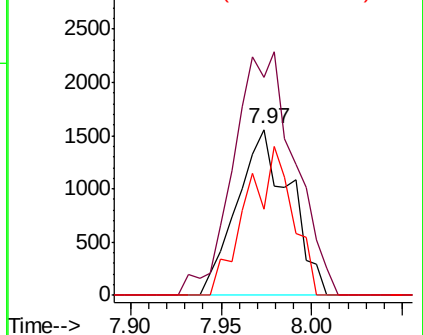


#31
Cyclohexane
Concen: 1.433 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066490.D
Acq: 31 Aug 2020 18:29

Tot Ion: 56 Resp: 3170
Ion Ratio Lower Upper
56 100
69 131.1 29.6 44.4#
84 52.0 76.6 115.0#

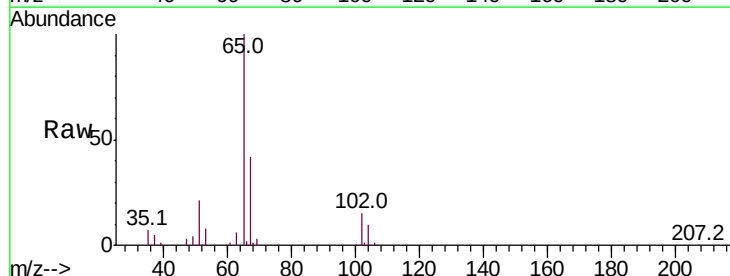


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

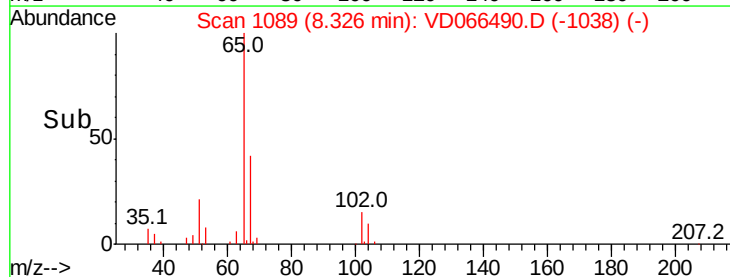
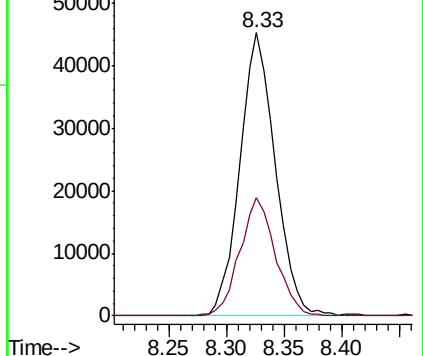


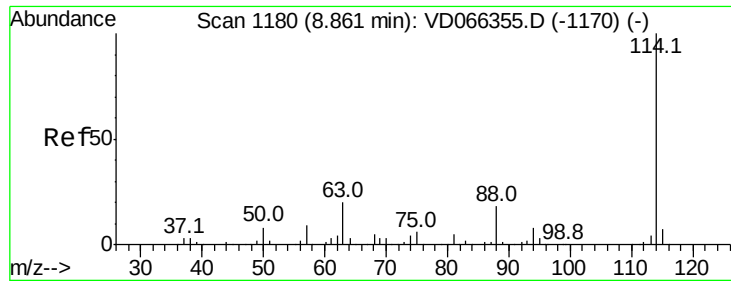
#33
1,2-Dichloroethane-d4
Concen: 60.527 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VD066490.D
Acq: 31 Aug 2020 18:29

Tgt Ion: 65 Resp: 96403
Ion Ratio Lower Upper
65 100
67 42.0 0.0 101.6



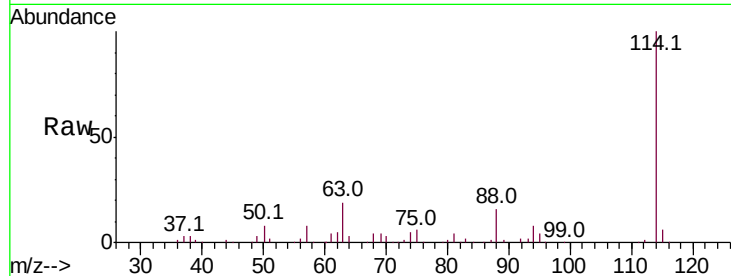
Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC



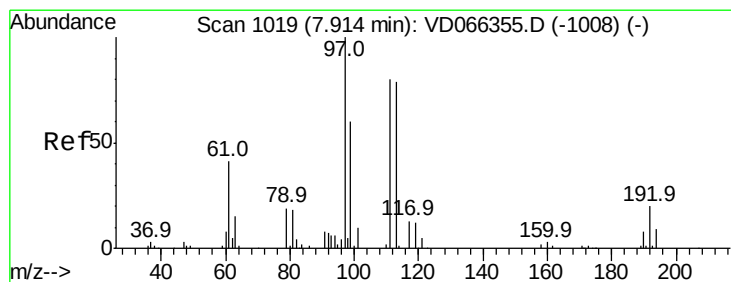
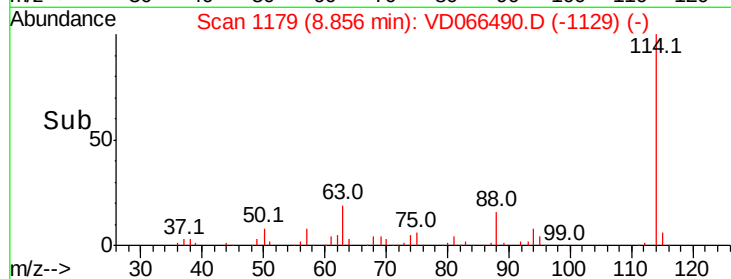
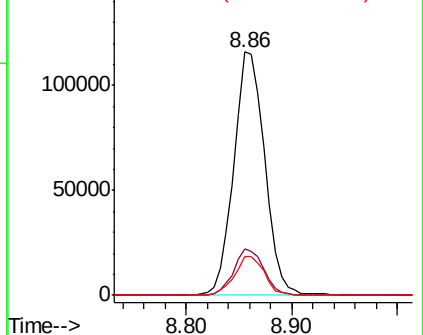


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066490.D
 Acq: 31 Aug 2020 18:29

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.8
88	16.2	0.0	35.4

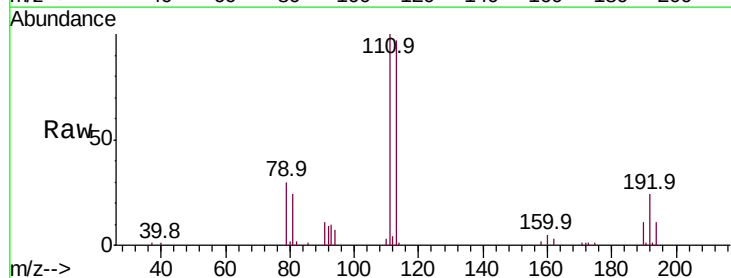


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

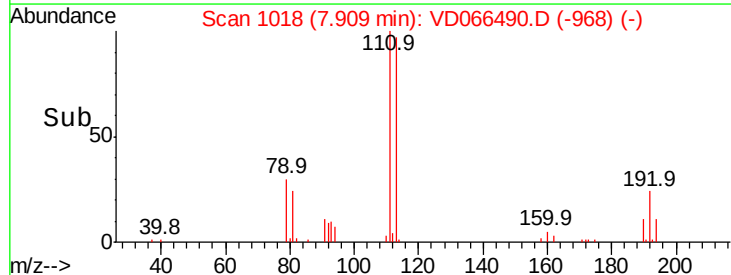
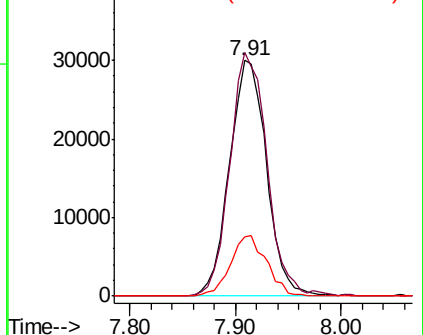


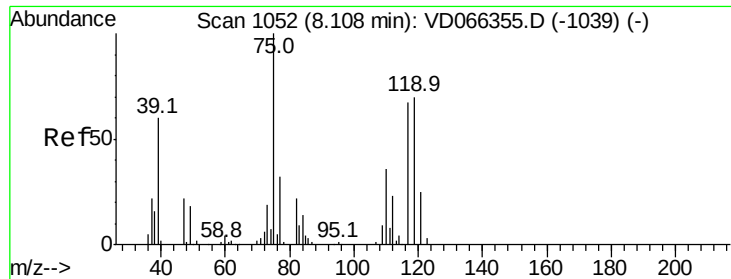
#35
 Dibromofluoromethane
 Concen: 49.575 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066490.D
 Acq: 31 Aug 2020 18:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.3	120.5
192	24.9	19.0	28.6



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: 5.284 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066490.D

Acq: 31 Aug 2020 18:29

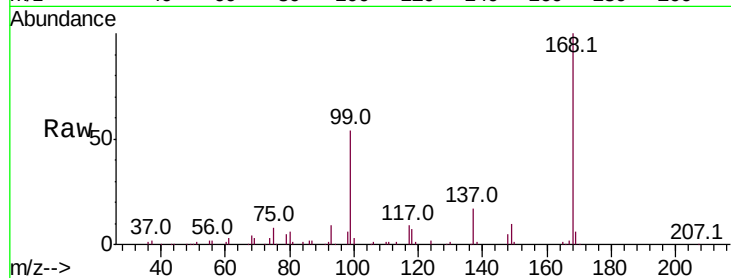
Tot Ion: 75 Resp: 11336

Ion Ratio Lower Upper

75 100

110 14.7 18.7 56.1#

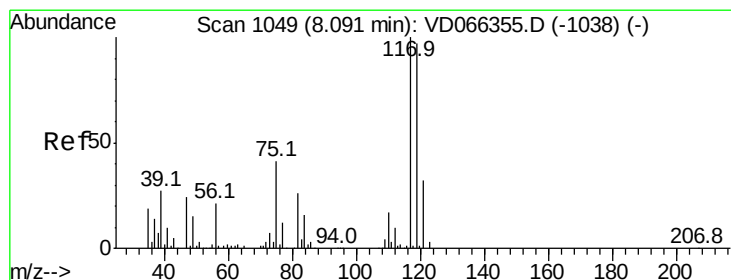
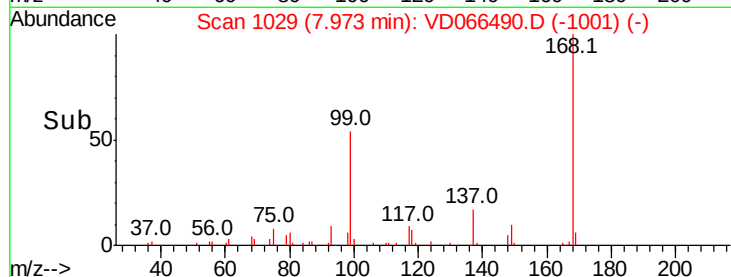
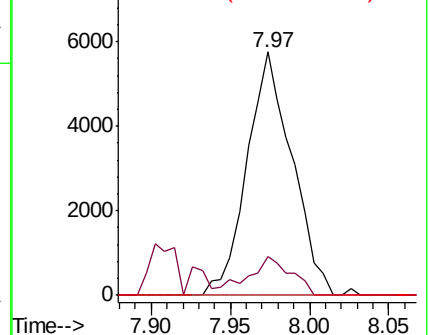
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 6.266 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066490.D

Acq: 31 Aug 2020 18:29

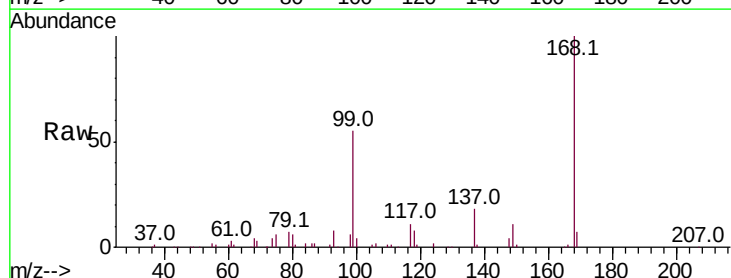
Tgt Ion: 117 Resp: 17513

Ion Ratio Lower Upper

117 100

119 6.9 77.2 115.8#

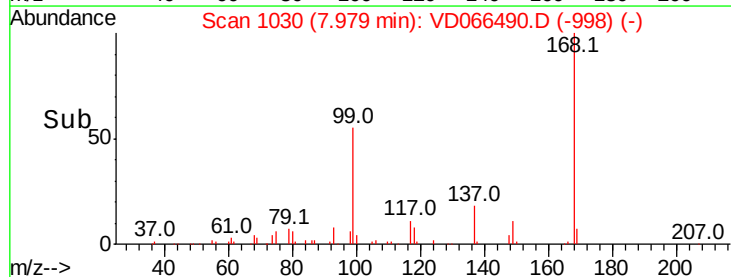
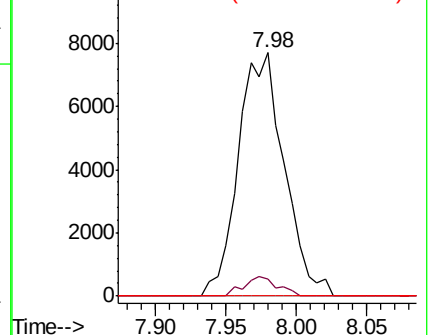
121 0.0 25.8 38.8#

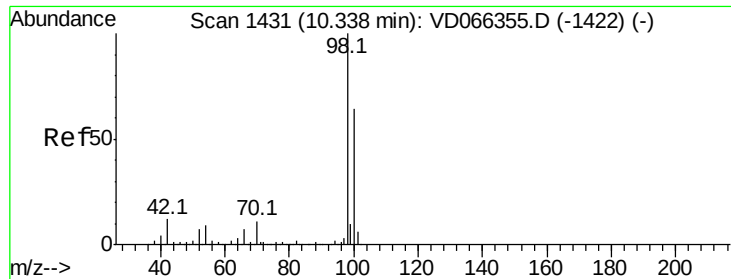


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

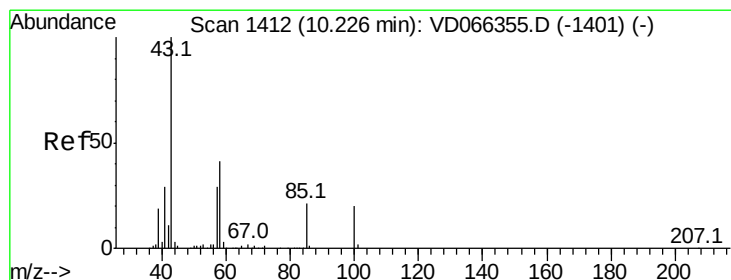
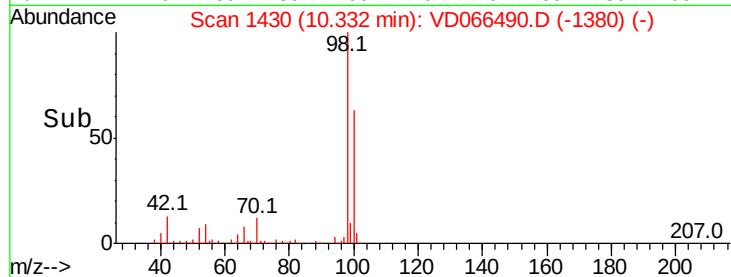
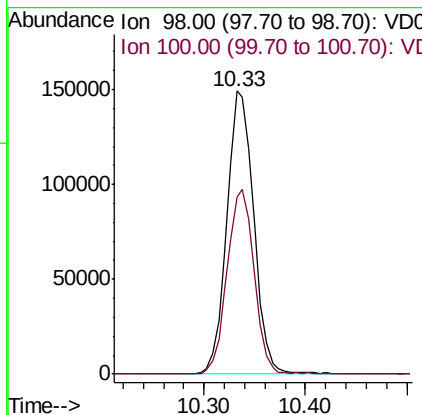
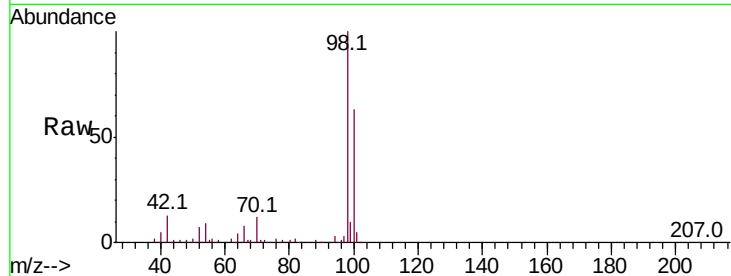
Ion 120.80 (120.50 to 121.50): V





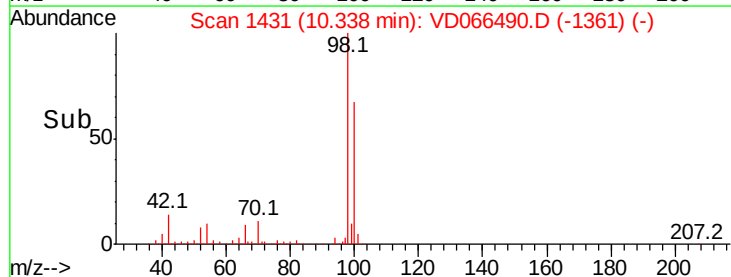
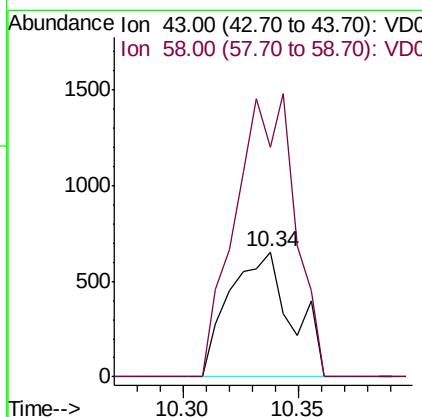
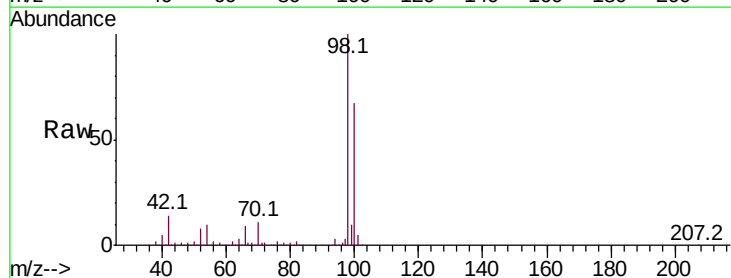
#50
Toluene-d8
Concen: 50.965 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066490.D
Acq: 31 Aug 2020 18:29

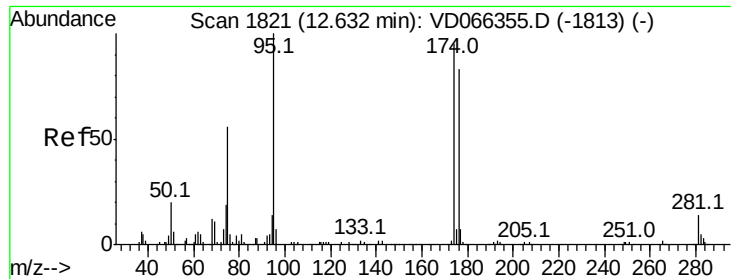
Tot Ion: 98 Resp: 274145
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.718 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD066490.D
Acq: 31 Aug 2020 18:29

Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
58 216.7 31.4 47.2#





#62

4-Bromofluorobenzene

Concen: 48.617 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066490.D

Acq: 31 Aug 2020 18:29

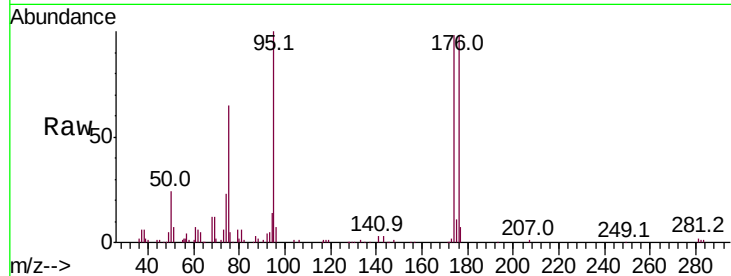
Tot Ion: 95 Resp: 92797

Ion Ratio Lower Upper

95 100

174 98.7 0.0 183.4

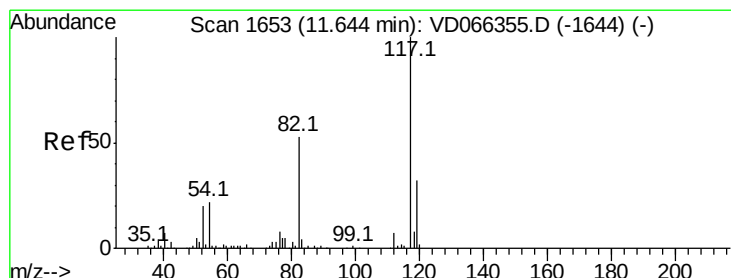
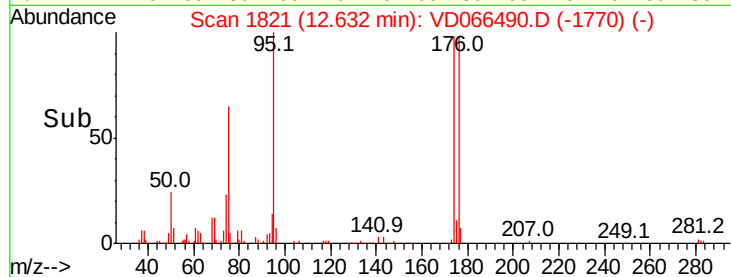
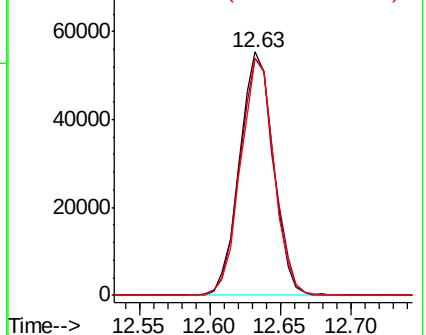
176 95.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066490.D

Acq: 31 Aug 2020 18:29

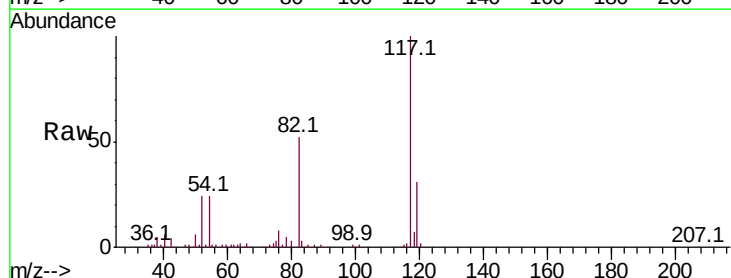
Tgt Ion: 117 Resp: 216850

Ion Ratio Lower Upper

117 100

82 52.2 42.8 64.2

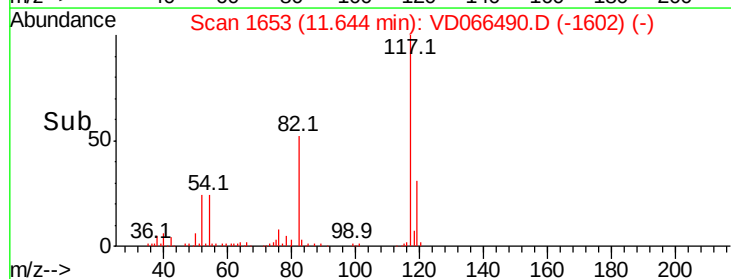
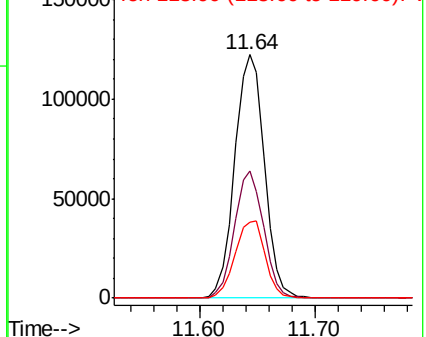
119 31.1 25.8 38.8

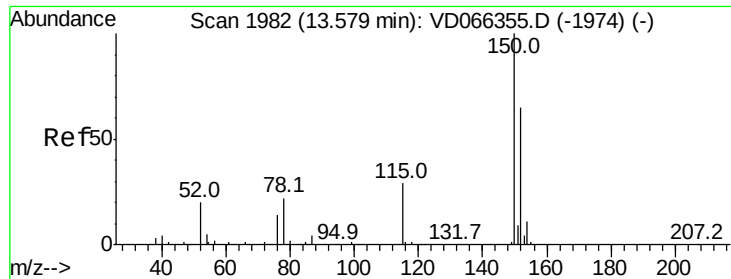


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

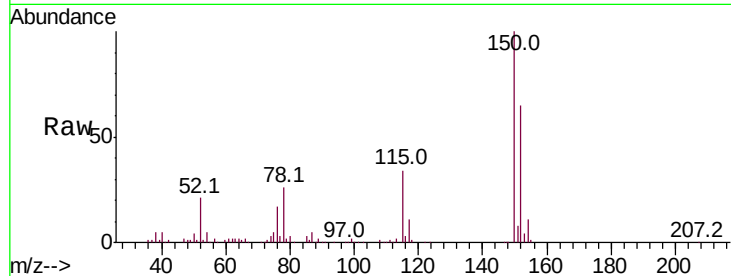
Ion 118.90 (118.60 to 119.60): V



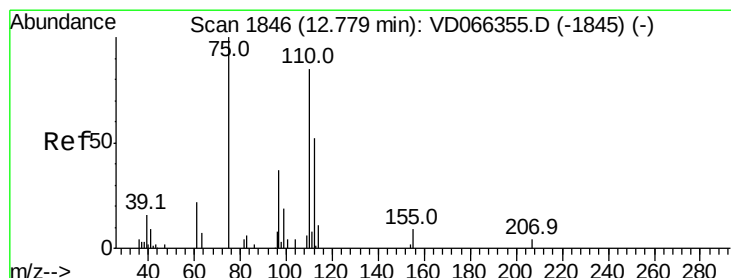
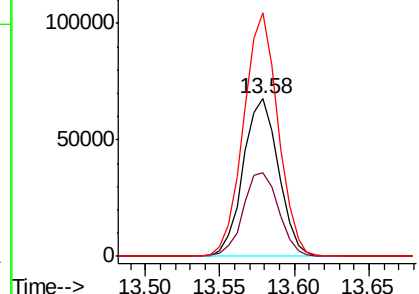
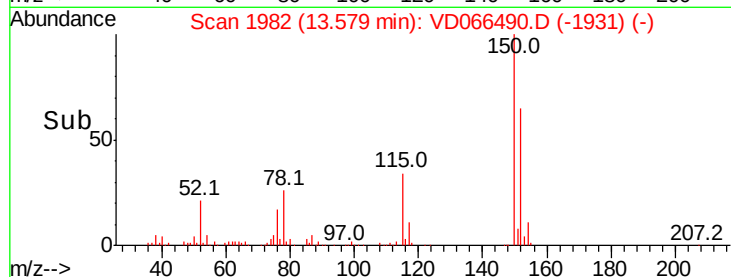


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD066490.D
 Acq: 31 Aug 2020 18:29

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.6	28.3	85.0
150	150.4	0.0	343.2

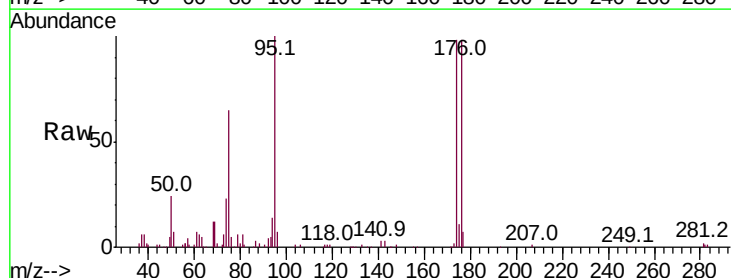


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

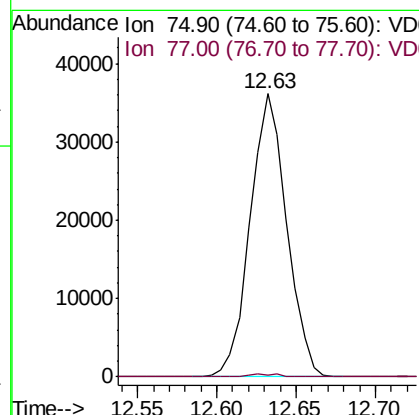
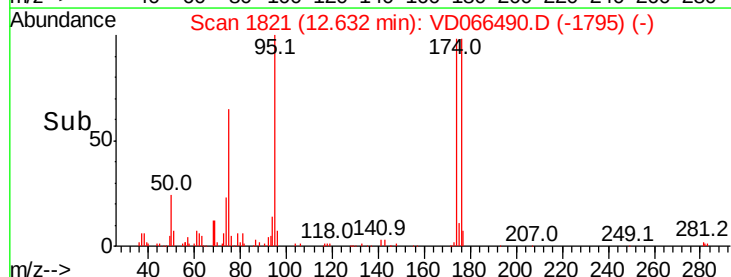


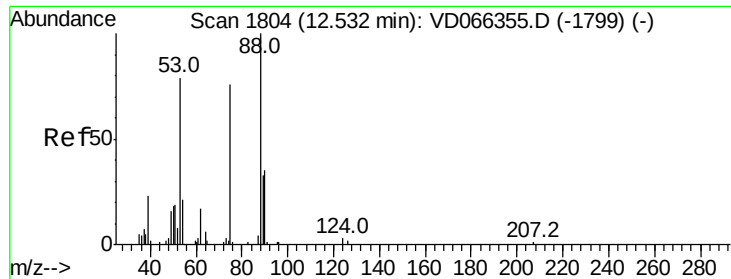
#76
 1,2,3-Trichloropropane
 Concen: 74.111 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066490.D
 Acq: 31 Aug 2020 18:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.8	182.9	548.9#



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: 157.313 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066490.D
 Acq: 31 Aug 2020 18:29

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.1	87.4	131.2#
89	0.0	39.4	59.0#

