

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074311.D
 Acq On : 15 Sep 2022 16:33
 Operator : VA/SY
 Sample : N4538-01
 Misc : 5.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MBD-SB-1-1-2

Quant Time: Sep 16 05:54:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

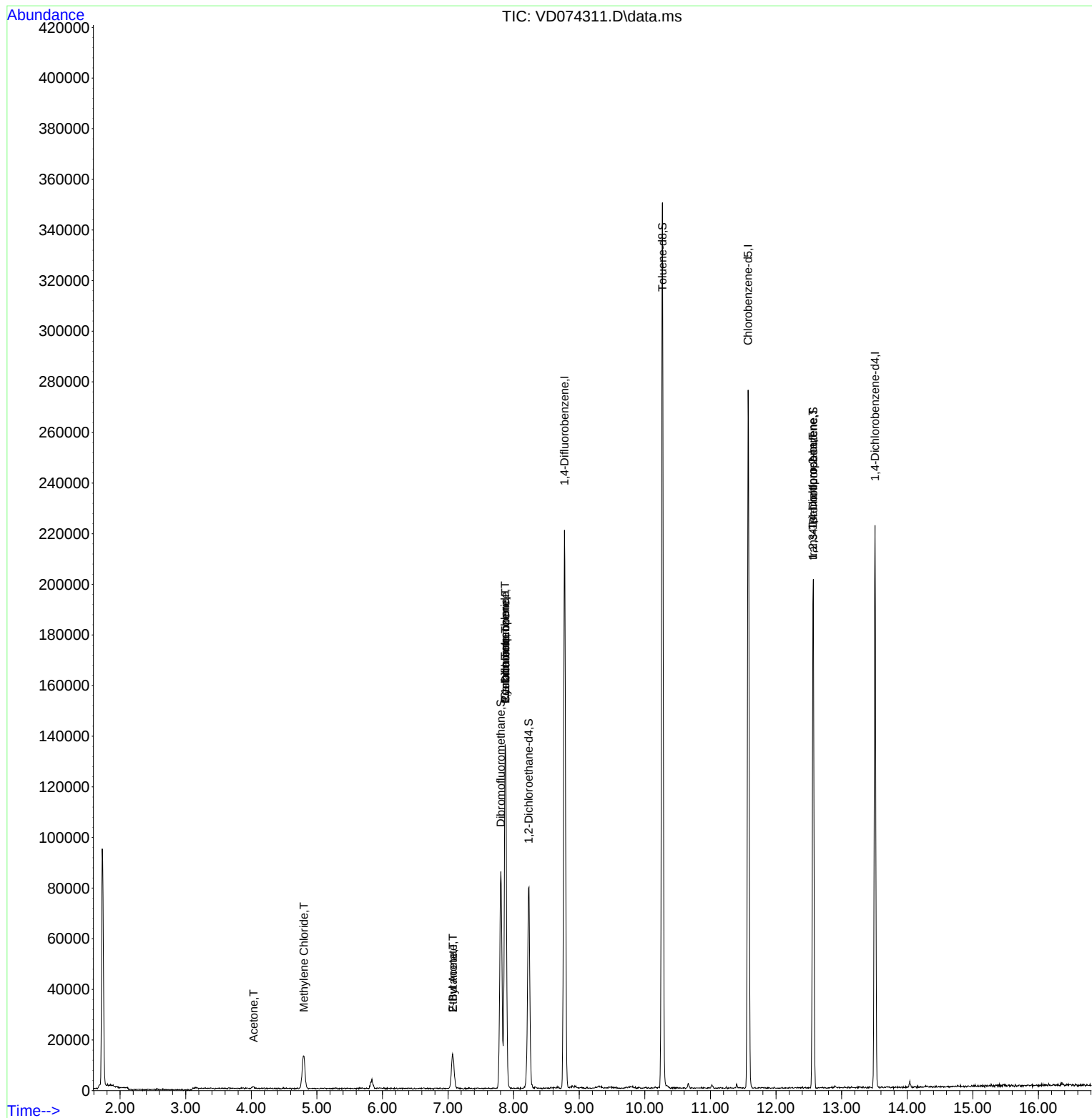
Internal Standards						
1) Pentafluorobenzene	7.875	168	108671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	195669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	158534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	57636	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61864	55.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.680%
35) Dibromofluoromethane	7.804	113	62013	47.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.340%
50) Toluene-d8	10.269	98	241349	50.318	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.640%
62) 4-Bromofluorobenzene	12.569	95	60981	34.219	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.440%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	1284	5.615	ug/l #	42
20) Methylene Chloride	4.805	84	10484	1.656	ug/l	95
25) 2-Butanone	7.075	43	1089	2.855	ug/l #	48
31) Cyclohexane	7.875	56	2385	1.042	ug/l #	8
36) 1,1-Dichloropropene	7.875	75	8264	3.902	ug/l #	50
37) Ethyl Acetate	7.075	43	1089	1.186	ug/l #	33
38) Carbon Tetrachloride	7.869	117	11008	5.745	ug/l #	16
76) 1,2,3-Trichloropropane	12.563	75	32736	55.404	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	32736	136.603	ug/l #	100

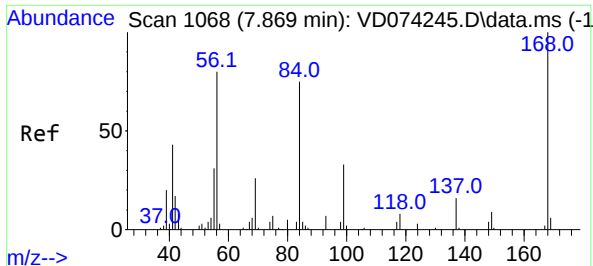
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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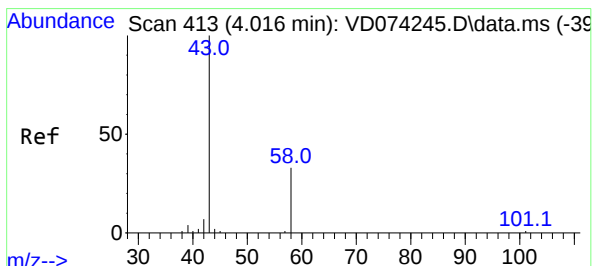
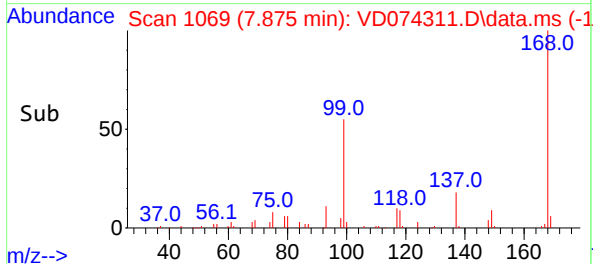
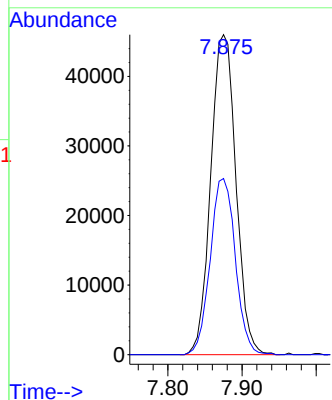
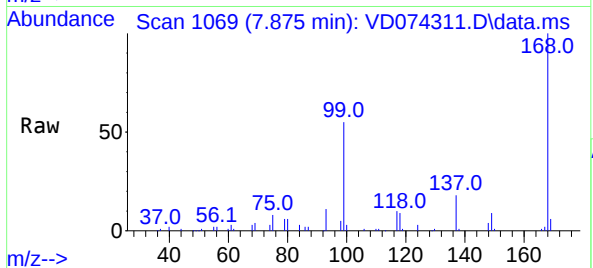




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

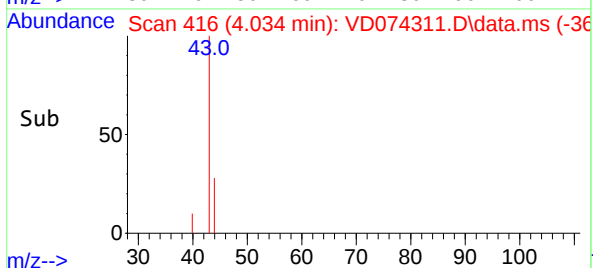
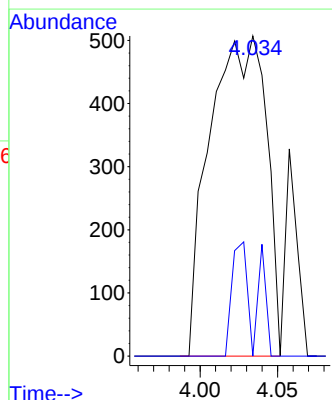
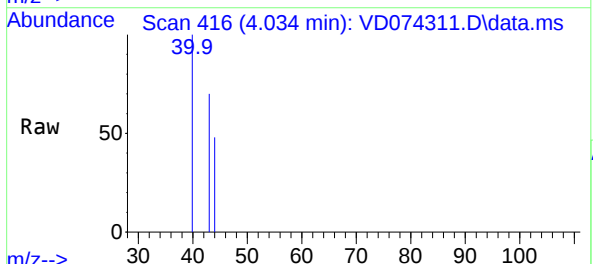
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-1-1-2

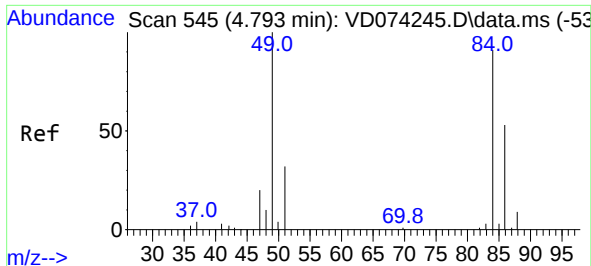
Tgt Ion:168 Resp: 108671
Ion Ratio Lower Upper
168 100
99 55.1 43.0 64.6



#16
Acetone
Concen: 5.615 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.018 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



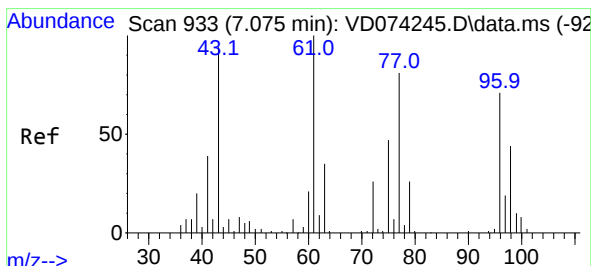
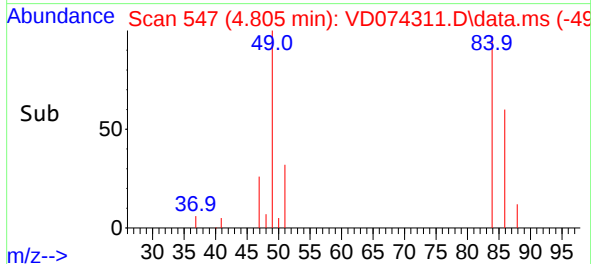
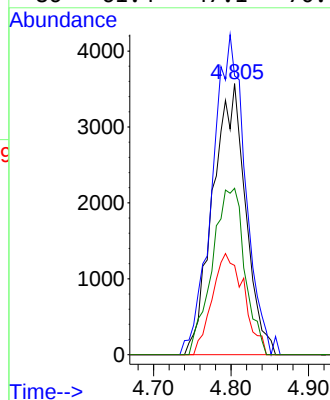
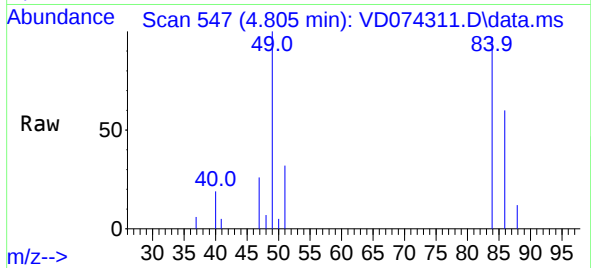


#20
Methylene Chloride
Concen: 1.656 ug/l
RT: 4.805 min Scan# 545
Delta R.T. 0.012 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-1-1-2

Tgt Ion: 84 Resp: 10484

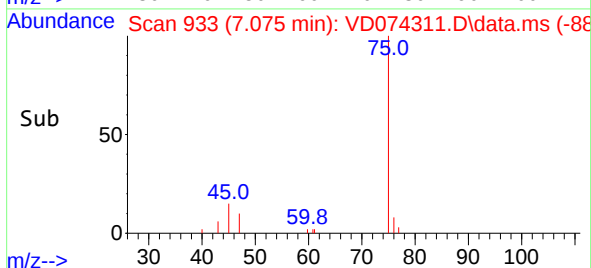
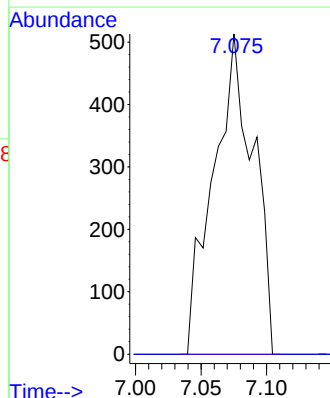
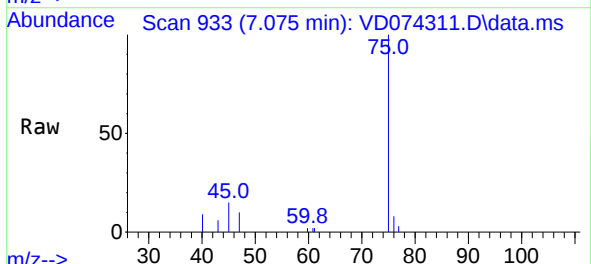
Ion	Ratio	Lower	Upper
84	100		
49	102.9	88.4	132.6
51	32.9	28.0	42.0
86	61.4	47.1	70.7

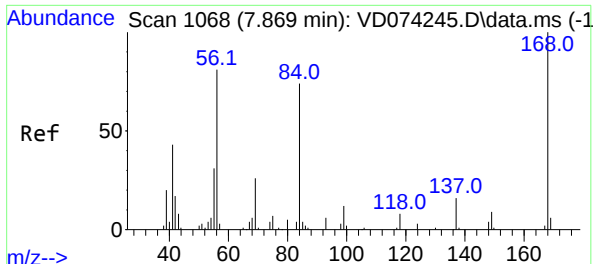


#25
2-Butanone
Concen: 2.855 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

Tgt Ion: 43 Resp: 1089

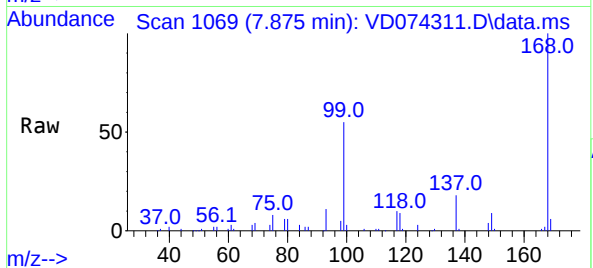
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#



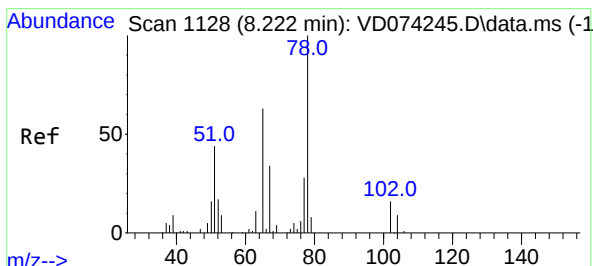
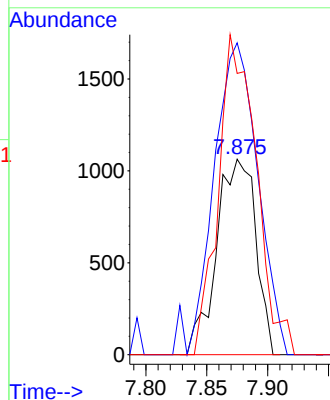
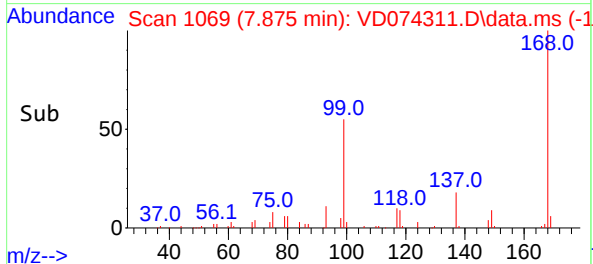


#31
Cyclohexane
Concen: 1.042 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-1-1-2

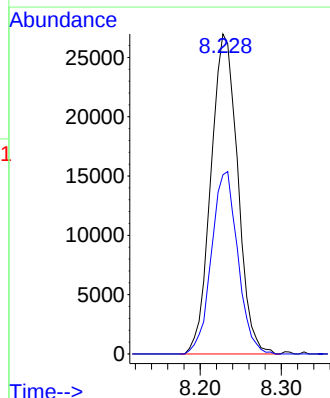
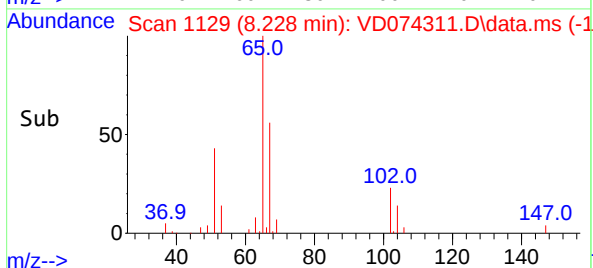
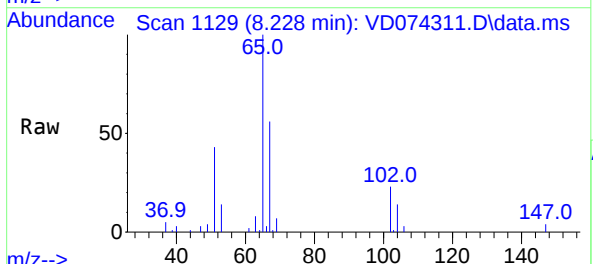


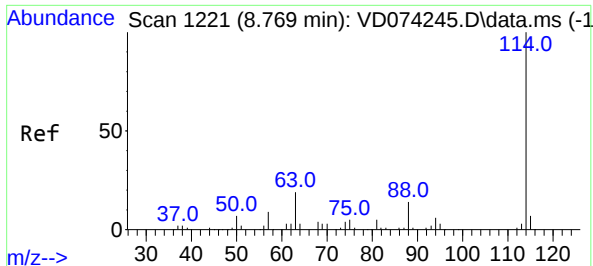
Tgt Ion: 56 Resp: 2385
Ion Ratio Lower Upper
56 100
69 144.4 25.7 38.5#
84 143.8 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 55.838 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

Tgt Ion: 65 Resp: 61864
Ion Ratio Lower Upper
65 100
67 56.0 0.0 110.6

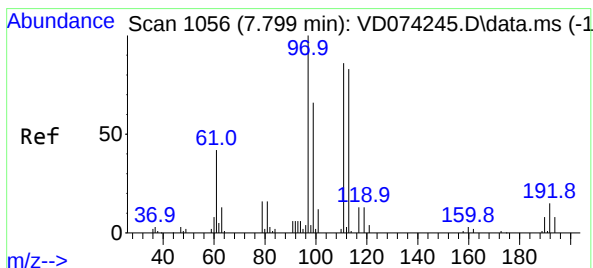
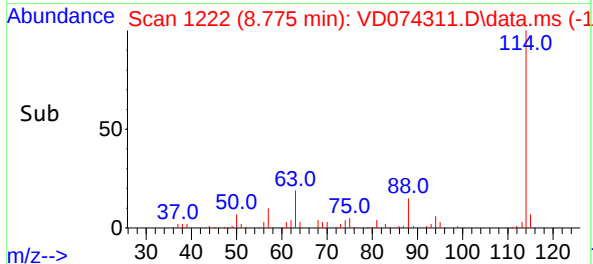
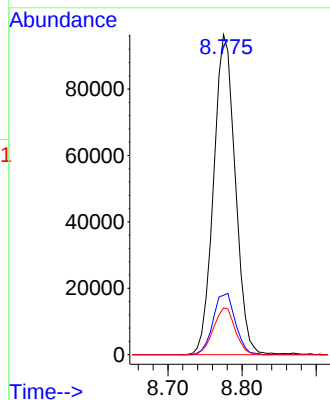
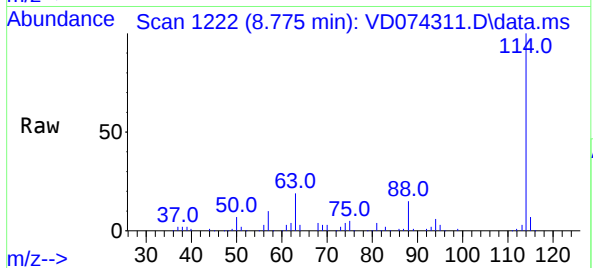




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

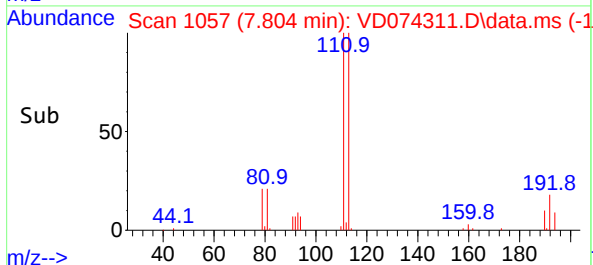
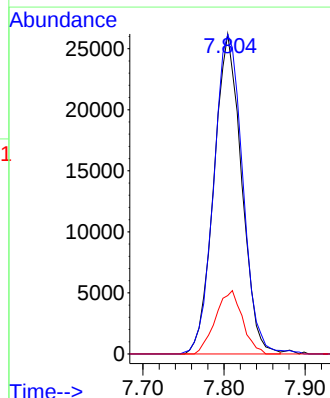
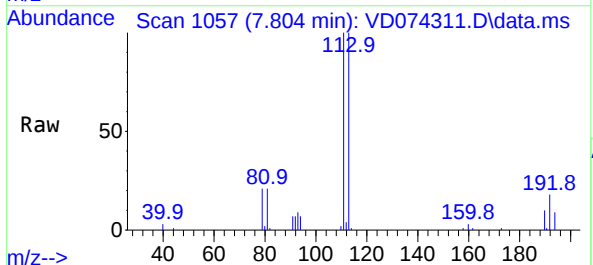
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-1-1-2

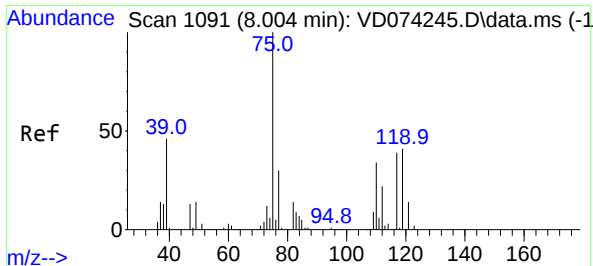
Tgt Ion:114 Resp: 195669
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.6
88 14.6 0.0 28.4



#35
Dibromofluoromethane
Concen: 47.172 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

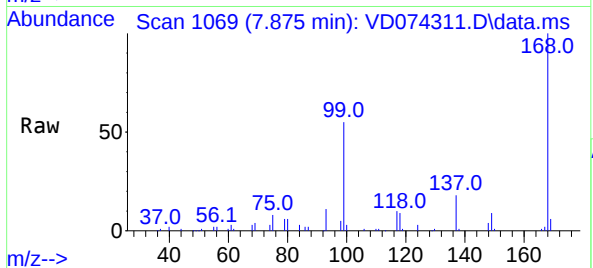
Tgt Ion:113 Resp: 62013
Ion Ratio Lower Upper
113 100
111 104.5 83.0 124.6
192 19.3 16.2 24.2



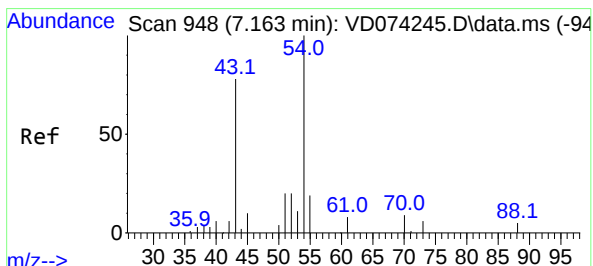
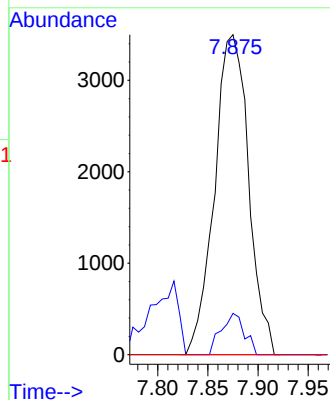
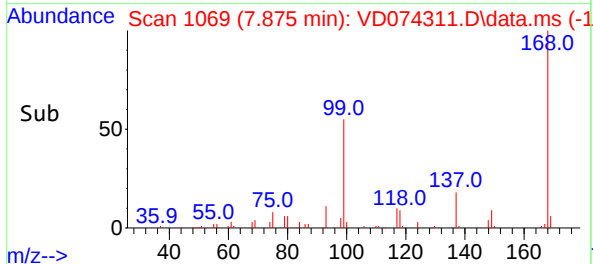


#36
1,1-Dichloropropene
Concen: 3.902 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-1-1-2

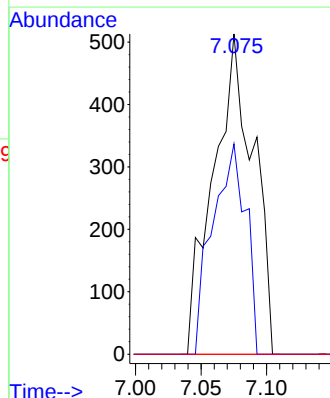
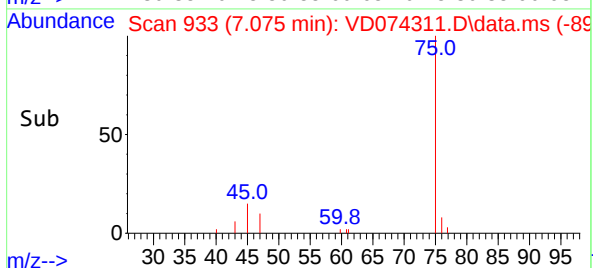
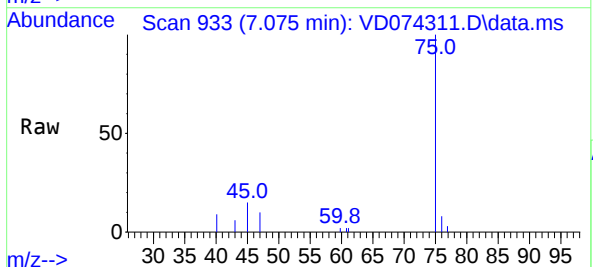


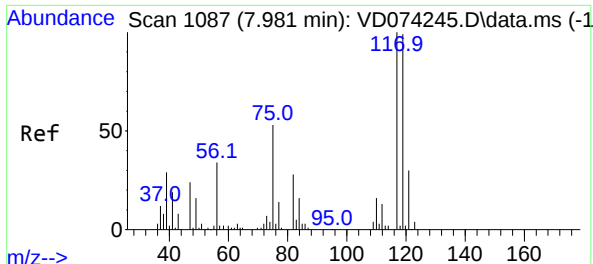
Tgt Ion: 75 Resp: 8264
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.186 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.088 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
61 54.5 12.1 18.1#
70 0.0 8.5 12.7#

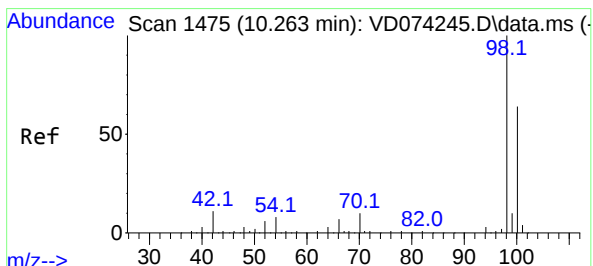
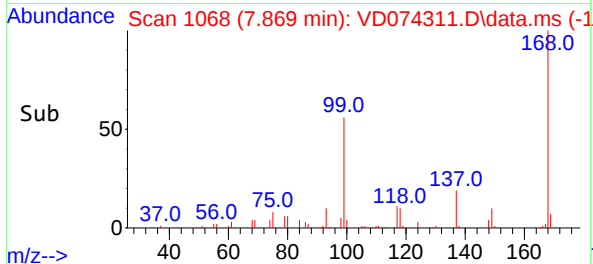
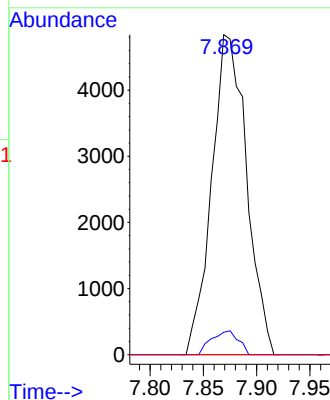
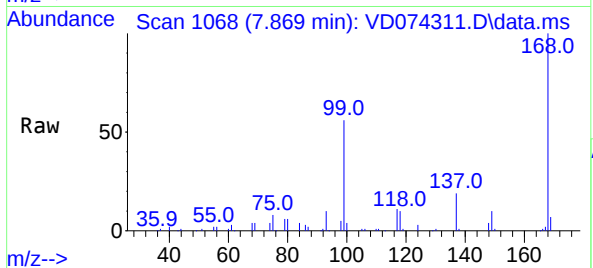




#38
Carbon Tetrachloride
Concen: 5.745 ug/l
RT: 7.869 min Scan# 11008
Delta R.T. -0.112 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

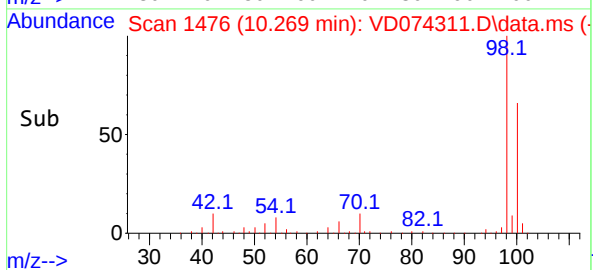
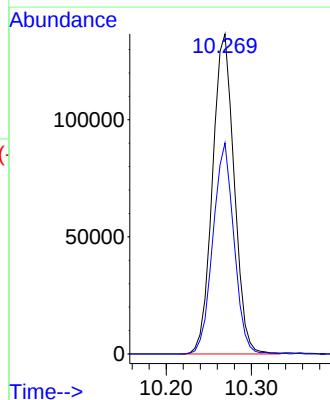
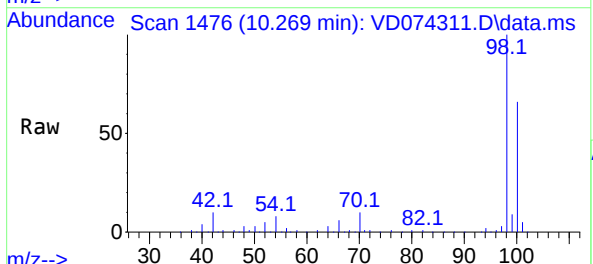
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MBD-SB-1-1-2

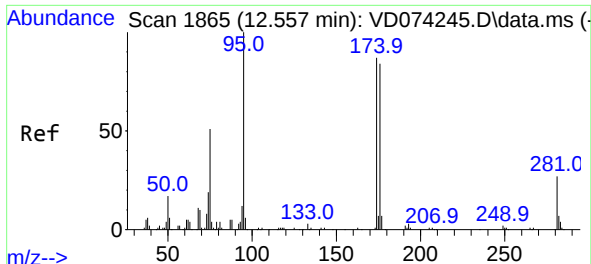
Tgt Ion:117 Resp: 11008
Ion Ratio Lower Upper
117 100
119 7.0 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 50.318 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

Tgt Ion: 98 Resp: 241349
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8

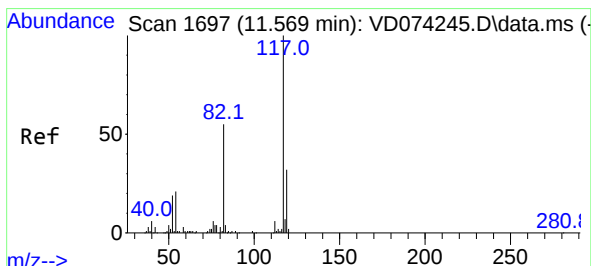
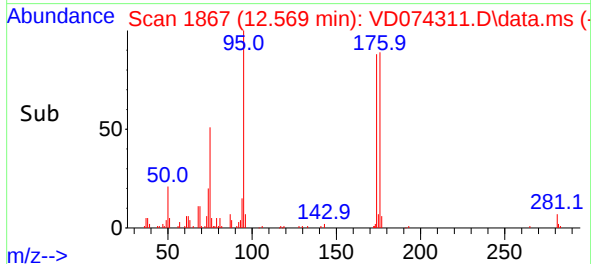
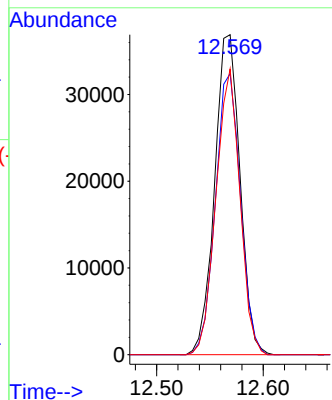
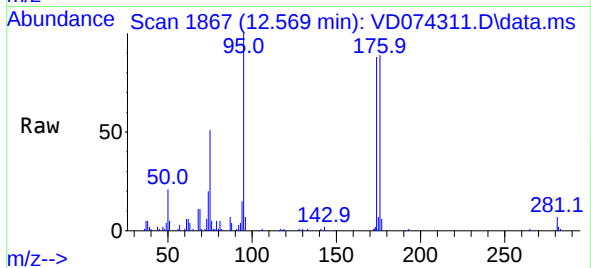




#62
4-Bromofluorobenzene
Concen: 34.219 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

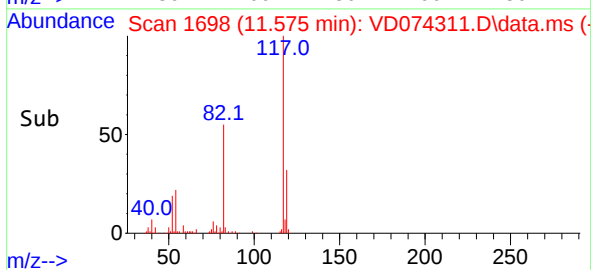
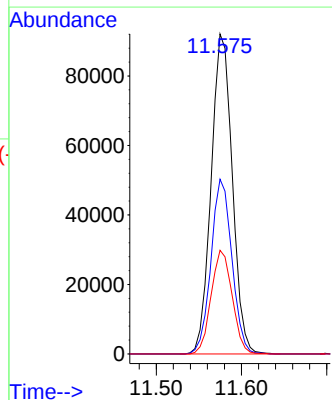
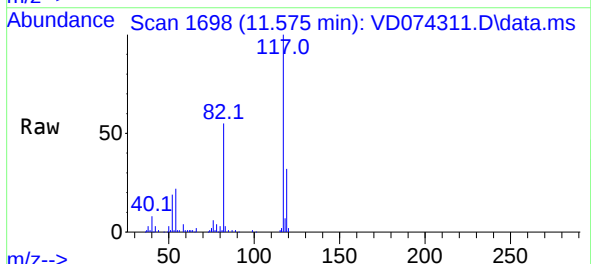
Instrument :
MSVOA_Y
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MBD-SB-1-1-2

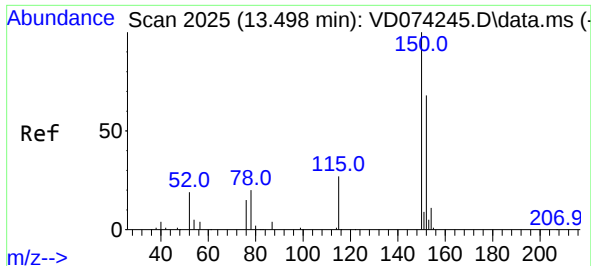
Tgt Ion: 95 Resp: 60981
Ion Ratio Lower Upper
95 100
174 86.9 0.0 179.2
176 84.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074311.D
Acq: 15 Sep 2022 16:33

Tgt Ion: 117 Resp: 158534
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.4 25.4 38.0

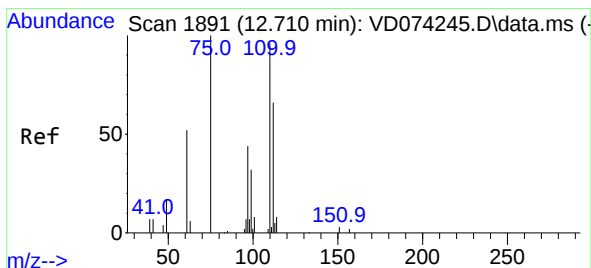
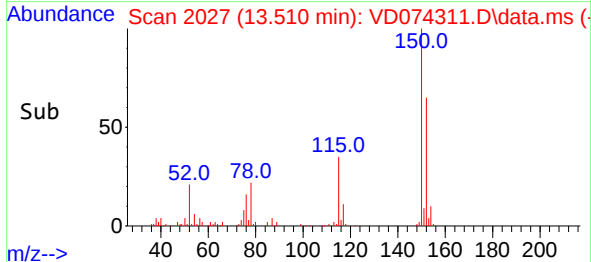
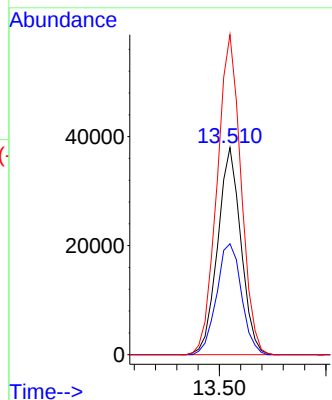
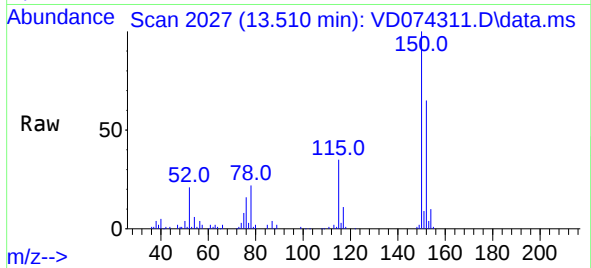




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074311.D
 Acq: 15 Sep 2022 16:33

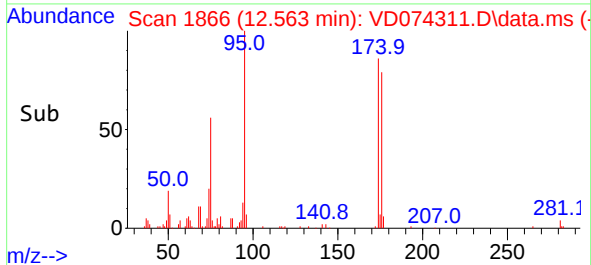
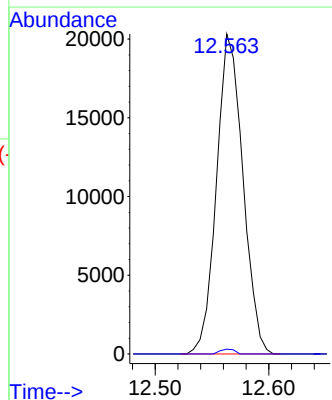
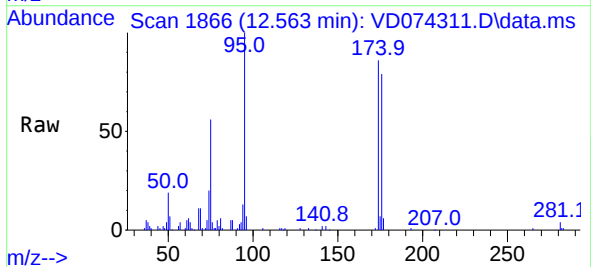
Instrument :
 MSVOA_Y
 ClientSampleId :
 MBD-SB-1-1-2

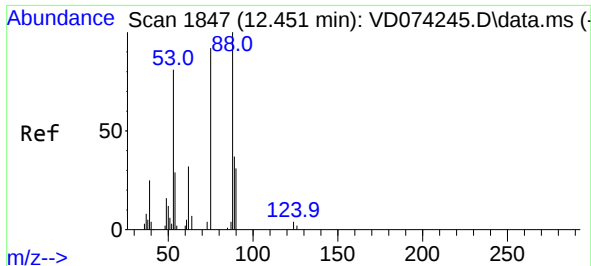
Tgt Ion:152 Resp: 57636
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.4 85.2
 150 158.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 55.404 ug/l
 RT: 12.563 min Scan# 1866
 Delta R.T. -0.147 min
 Lab File: VD074311.D
 Acq: 15 Sep 2022 16:33

Tgt Ion: 75 Resp: 32736
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.603 ug/l
 RT: 12.563 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD074311.D
 Acq: 15 Sep 2022 16:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 MBD-SB-1-1-2

Tgt Ion: 75 Resp: 32736
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

