

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030285.D
 Acq On : 21 Mar 2023 18:35
 Operator : SY/MD
 Sample : 01947-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Mar 22 06:09:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

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

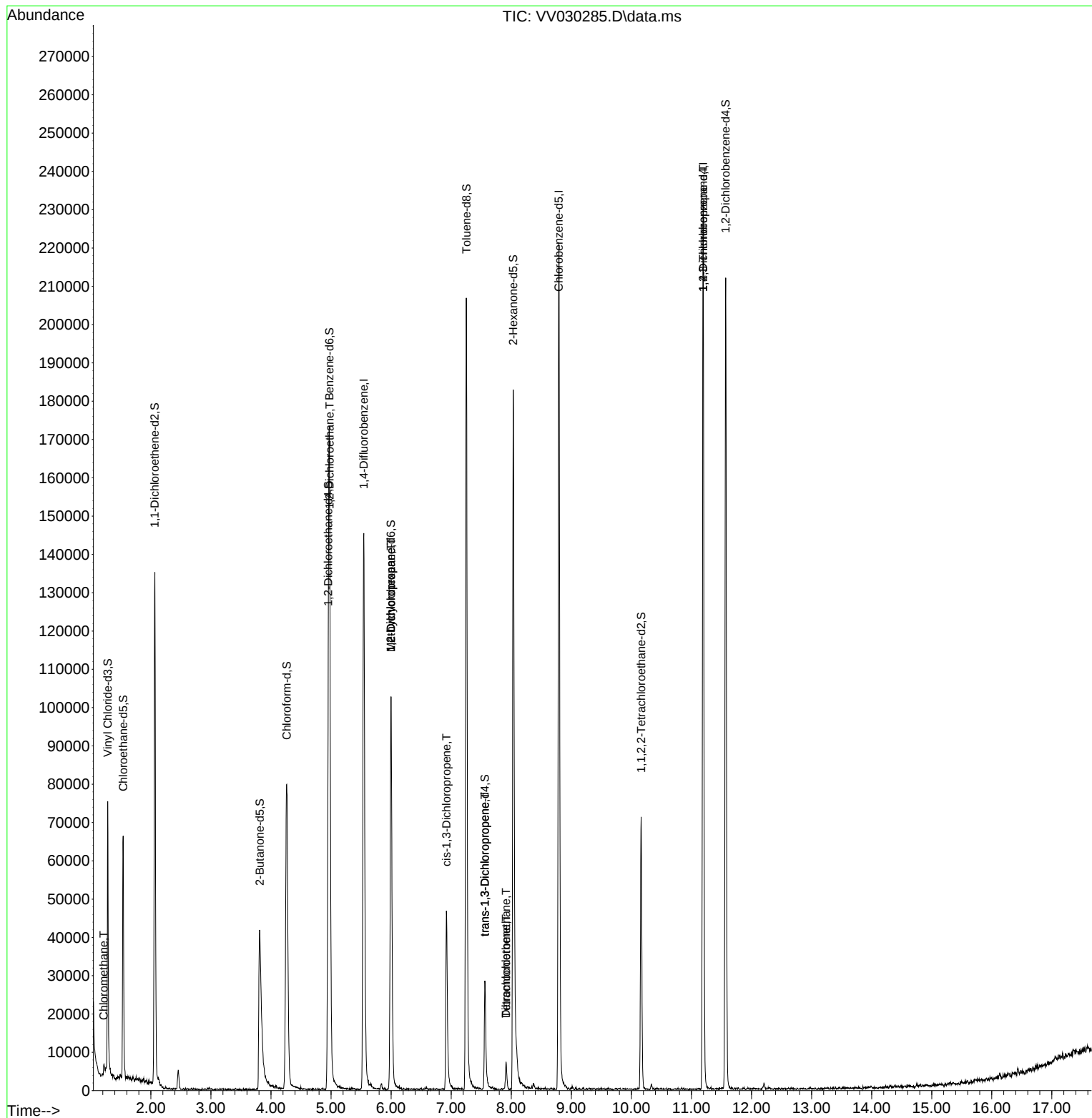
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	128667	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	123534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63496	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	44245	5.314	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.200%		
7) Chloroethane-d5	1.539	69	39565	5.063	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 101.200%		
11) 1,1-Dichloroethene-d2	2.066	63	70790	4.136	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 82.800%		
20) 2-Butanone-d5	3.812	46	78177	50.931	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 101.860%		
24) Chloroform-d	4.262	84	86117	5.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.200%		
26) 1,2-Dichloroethane-d4	4.953	65	45204	6.511	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 130.200%#		
32) Benzene-d6	4.973	84	156017	4.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 93.800%		
36) 1,2-Dichloropropane-d6	5.998	67	42848	4.285	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 85.600%		
41) Toluene-d8	7.252	98	141878	4.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 90.000%		
43) trans-1,3-Dichloroprop...	7.561	79	16654	4.868	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.400%		
46) 2-Hexanone-d5	8.034	63	63095	44.576	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 89.160%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30306	4.260	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 85.200%		
66) 1,2-Dichlorobenzene-d4	11.571	152	55419	5.159	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.200%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1762	0.107	ug/L	90
27) 1,2-Dichloroethane	4.979	62	1130	0.136	ug/L #	71
35) Methylcyclohexane	5.998	83	12004	0.839	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	5510	0.642	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1434	0.114	ug/L #	44
44) trans-1,3-Dichloropropene	7.561	75	985	0.100	ug/L	98
47) Tetrachloroethene	7.915	164	1477	0.182	ug/L	91
49) Dibromochloromethane	7.915	129	1338	0.186	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6725	1.582	ug/L #	62

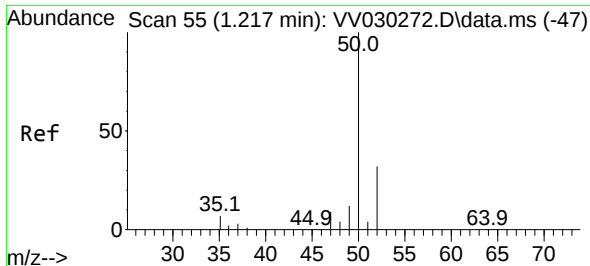
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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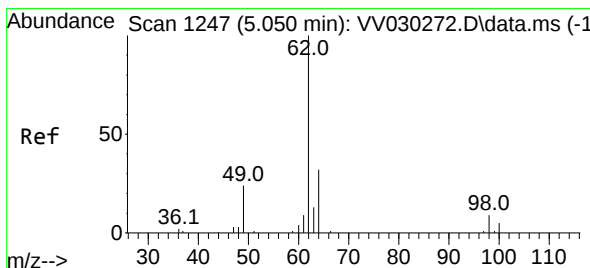
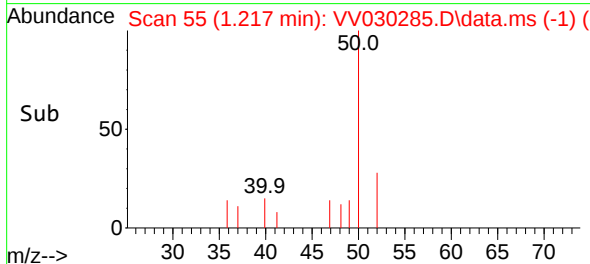
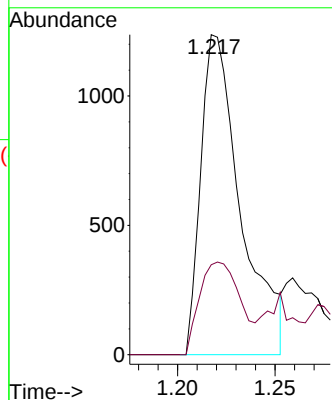
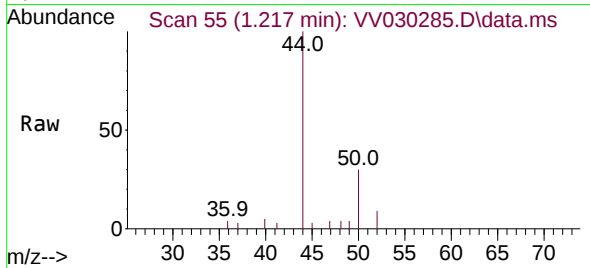




#3
Chloromethane
Concen: 0.107 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030285.D
Acq: 21 Mar 2023 18:35

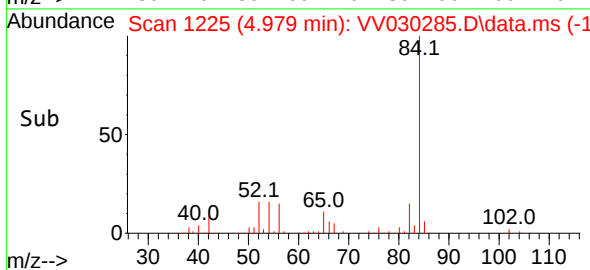
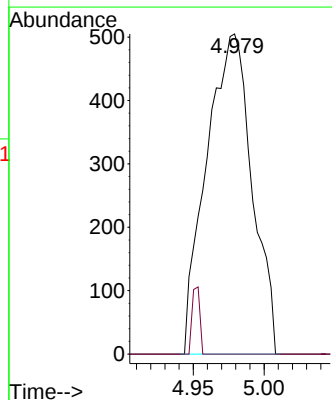
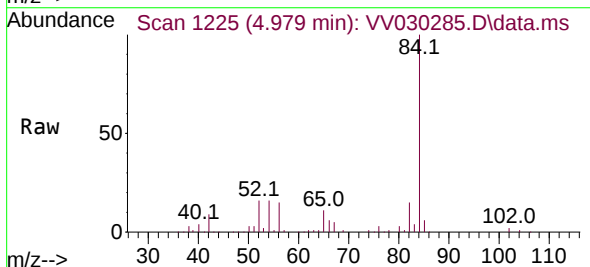
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

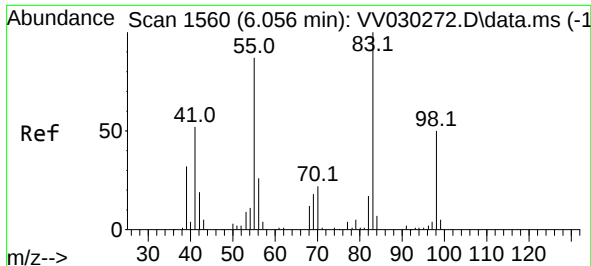
Tgt Ion: 50 Resp: 1762
Ion Ratio Lower Upper
50 100
52 28.1 23.6 43.8



#27
1,2-Dichloroethane
Concen: 0.136 ug/L
RT: 4.979 min Scan# 1225
Delta R.T. -0.071 min
Lab File: VV030285.D
Acq: 21 Mar 2023 18:35

Tgt Ion: 62 Resp: 1130
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

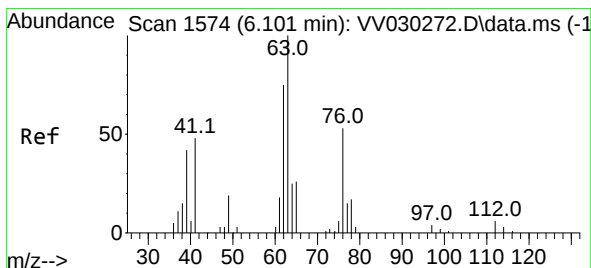
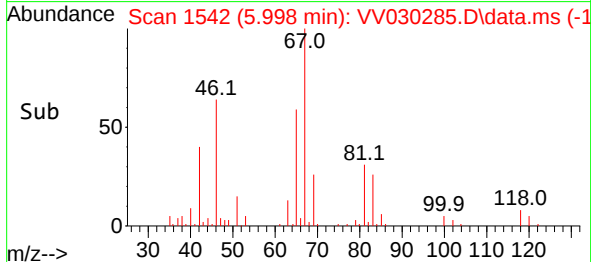
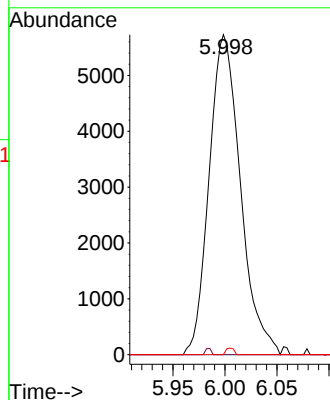
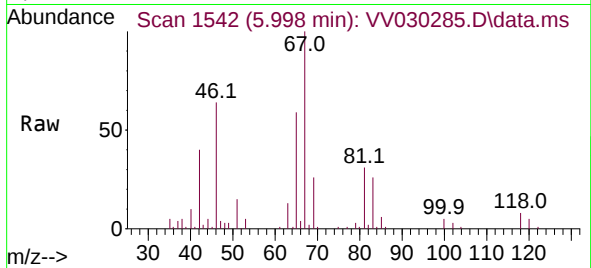




#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030285.D
Acq: 21 Mar 2023 18:35

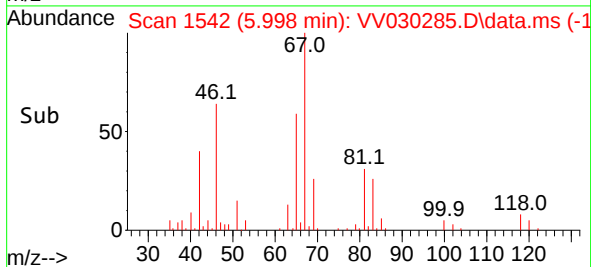
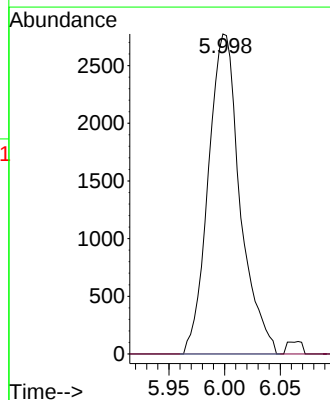
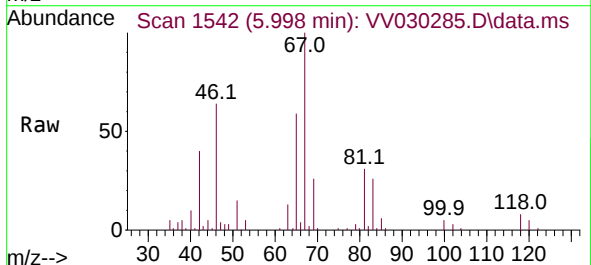
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

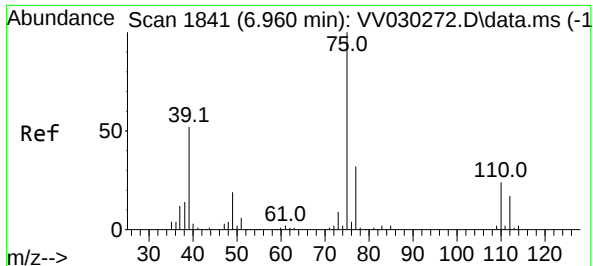
Tgt Ion: 83 Resp: 12004
Ion Ratio Lower Upper
83 100
55 0.3 57.6 86.4#
98 0.5 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030285.D
Acq: 21 Mar 2023 18:35

Tgt Ion: 63 Resp: 5510
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV030285.D

Acq: 21 Mar 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

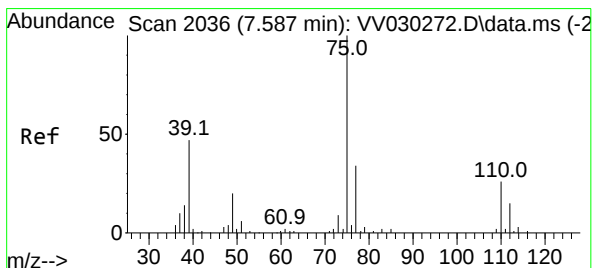
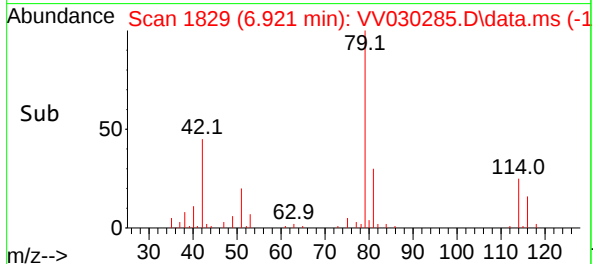
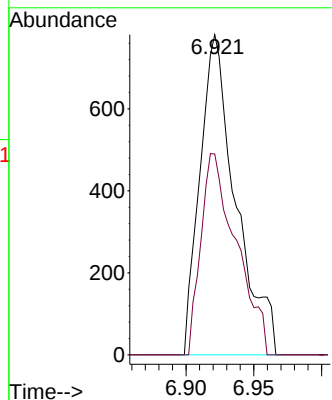
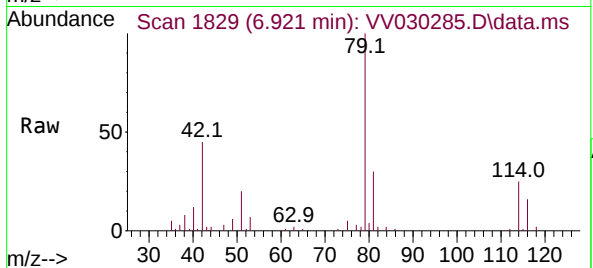
VHBLK001

Tgt Ion: 75 Resp: 1434

Ion Ratio Lower Upper

75 100

77 62.7 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV030285.D

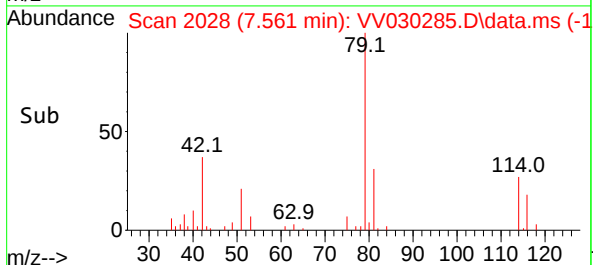
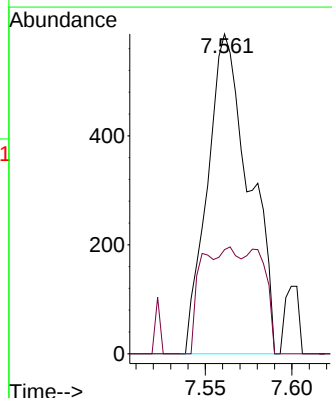
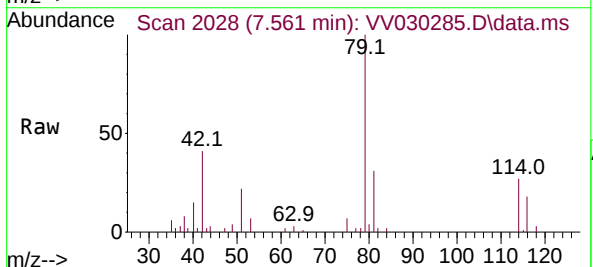
Acq: 21 Mar 2023 18:35

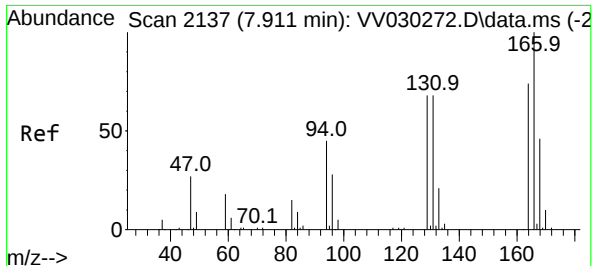
Tgt Ion: 75 Resp: 985

Ion Ratio Lower Upper

75 100

77 32.5 22.1 41.1





#47

Tetrachloroethene

Concen: 0.182 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030285.D

Acq: 21 Mar 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

Tgt Ion:164 Resp: 1477

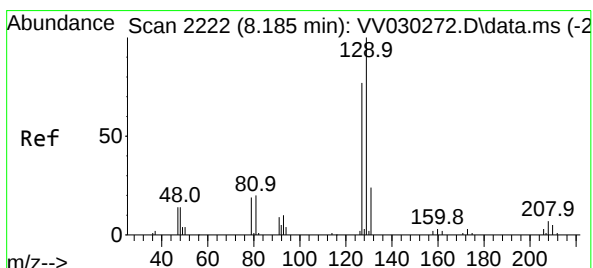
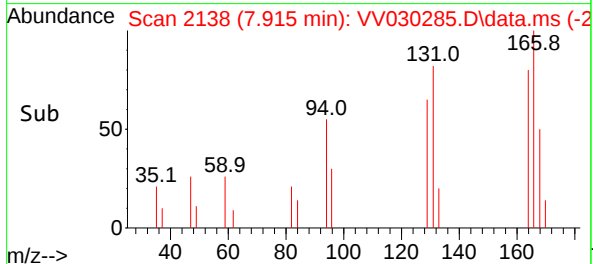
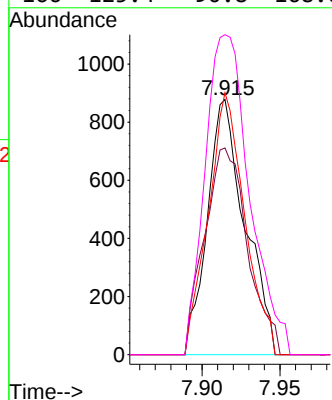
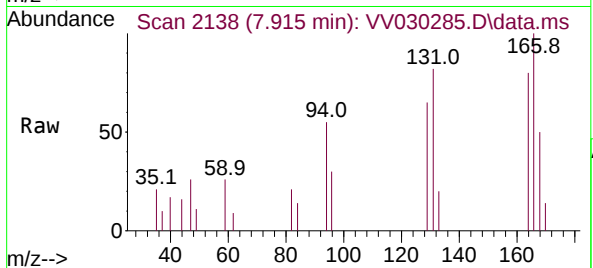
Ion Ratio Lower Upper

164 100

129 81.0 63.6 118.2

131 102.6 61.7 114.7

166 125.4 90.8 168.6



#49

Dibromochloromethane

Concen: 0.186 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030285.D

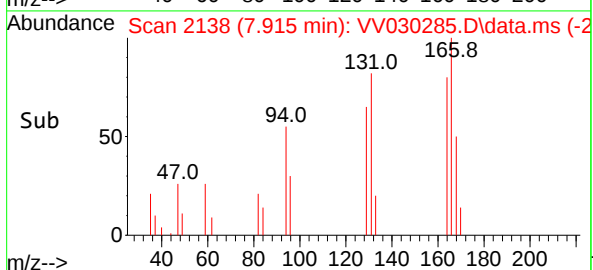
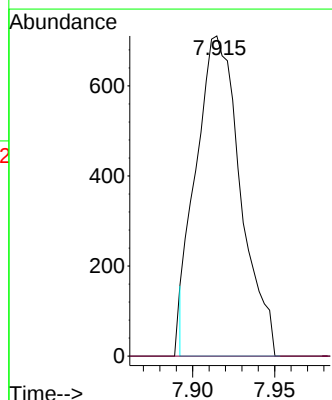
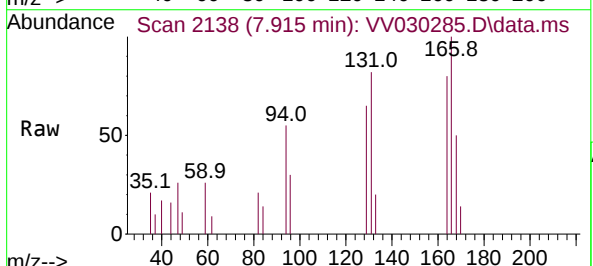
Acq: 21 Mar 2023 18:35

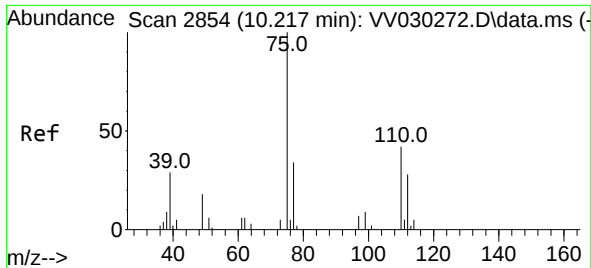
Tgt Ion:129 Resp: 1338

Ion Ratio Lower Upper

129 100

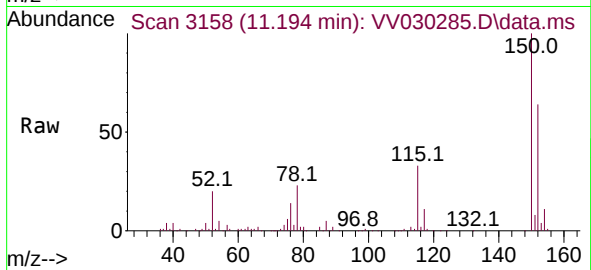
127 0.0 54.7 101.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.582 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030285.D
 Acq: 21 Mar 2023 18:35

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 MSVOA_V
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Tgt Ion: 75 Resp: 6725
 Ion Ratio Lower Upper
 75 100
 77 37.6 26.5 39.7
 110 1.3 31.8 47.6#

