

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050222\
 Data File : VW025762.D
 Acq On : 02 May 2022 13:47
 Operator : SY/MD
 Sample : N2612-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 03 05:23:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 05:22:31 2022
 Response via : Initial Calibration

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

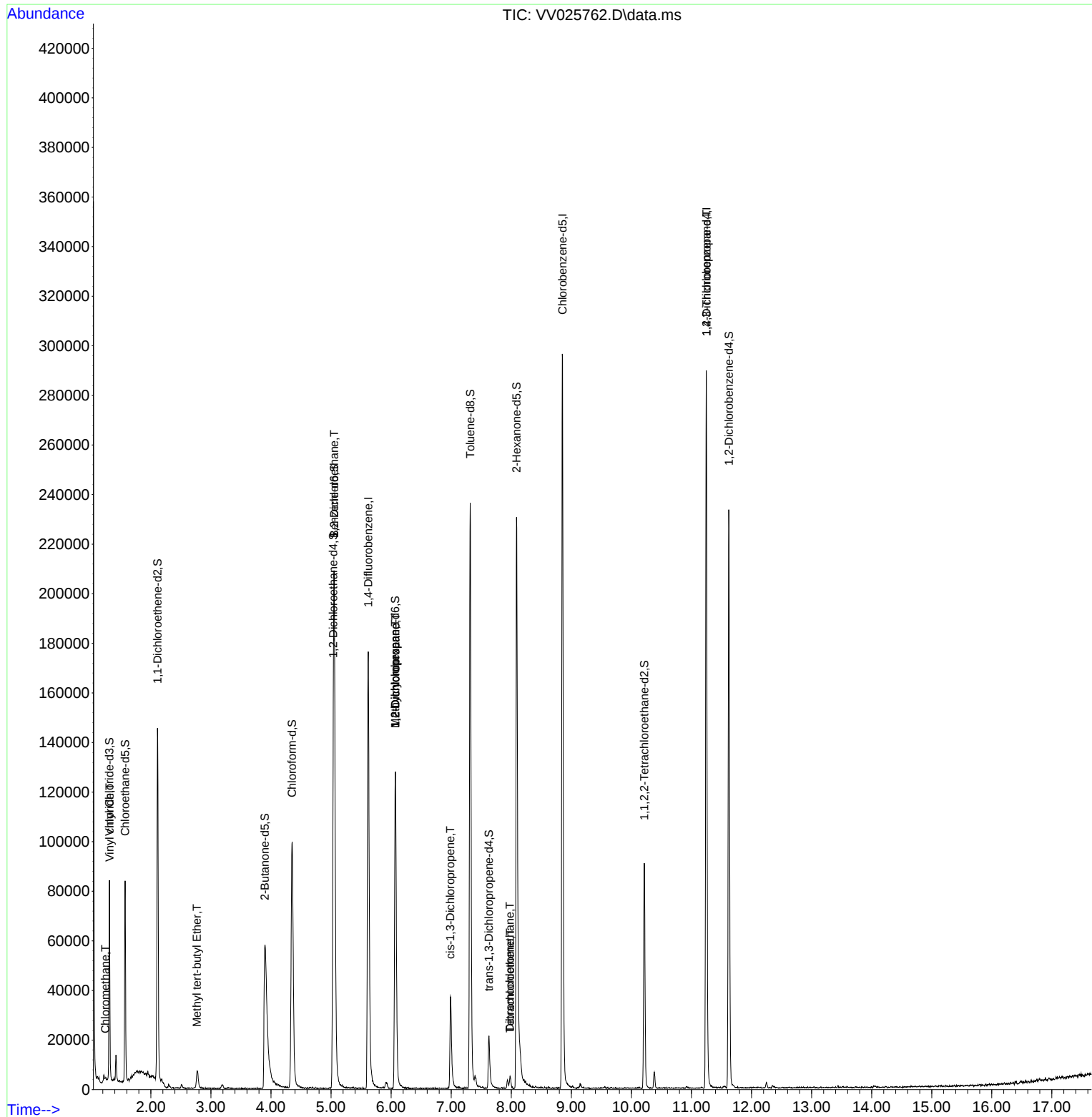
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	157148	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	162302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	45410	3.108	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.200%	
7) Chloroethane-d5	1.571	69	50035	3.219	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	64.400%#	
11) 1,1-Dichloroethene-d2	2.111	63	76198	2.603	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.000%#	
20) 2-Butanone-d5	3.899	46	103161	58.047	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.100%	
24) Chloroform-d	4.352	84	105137	4.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.037	65	49936	5.249	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.053	84	193330	4.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.069	67	62762	4.792	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.317	98	154860	3.554	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.000%	
43) trans-1,3-Dichloroprop...	7.628	79	13242	3.008	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	60.200%	
46) 2-Hexanone-d5	8.088	63	74826	48.433	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.860%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44185	5.340	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57947	4.707	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	634	0.041	ug/L #	51
5) Vinyl chloride	1.314	62	3468	0.199	ug/L #	80
17) Methyl tert-butyl Ether	2.767	73	3529	0.167	ug/L #	61
27) 1,2-Dichloroethane	5.053	62	1153	0.107	ug/L #	71
35) Methylcyclohexane	6.069	83	15081	0.742	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6804	0.613	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1203	0.083	ug/L	92
47) Tetrachloroethene	7.982	164	1113	0.112	ug/L	88
49) Dibromochloromethane	7.979	129	1200	0.147	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	9280	1.919	ug/L #	65

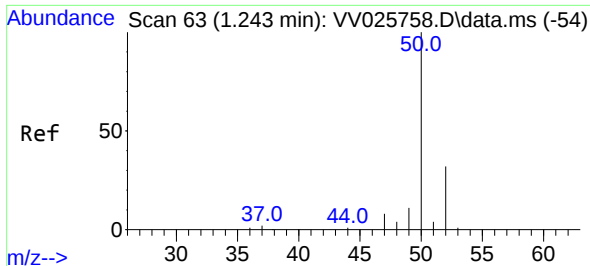
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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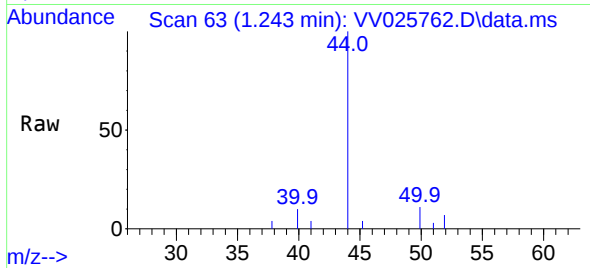
Quant Time: May 03 05:23:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
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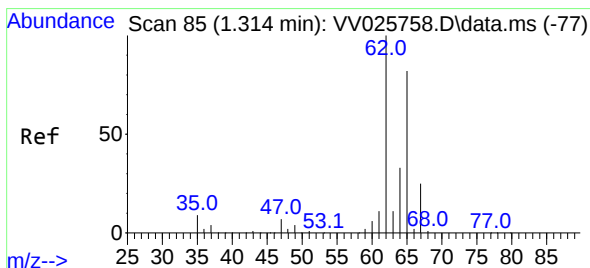
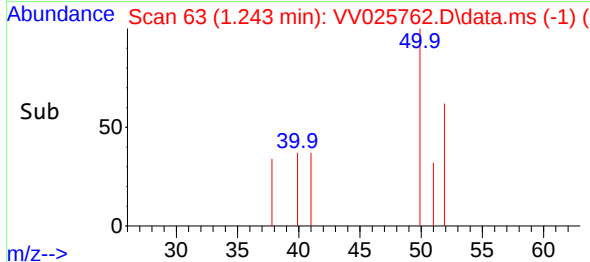
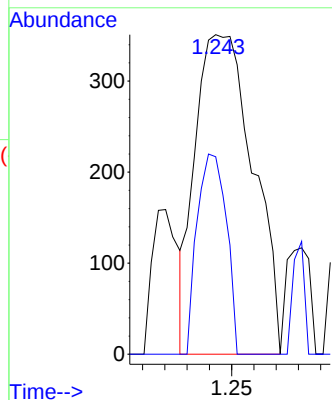


#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025762.D
Acq: 02 May 2022 13:47

Instrument :
MSVOA_V
ClientSampleId :

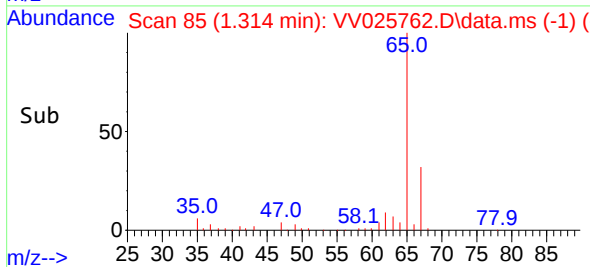
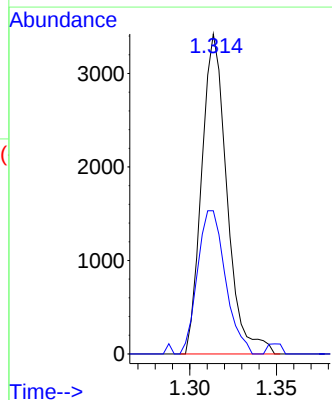
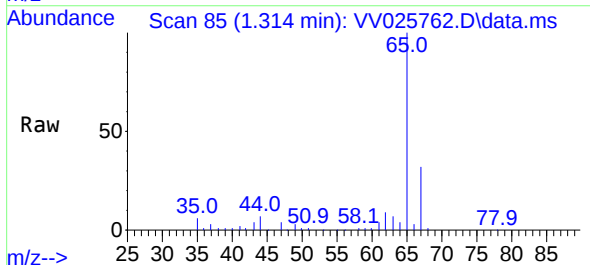


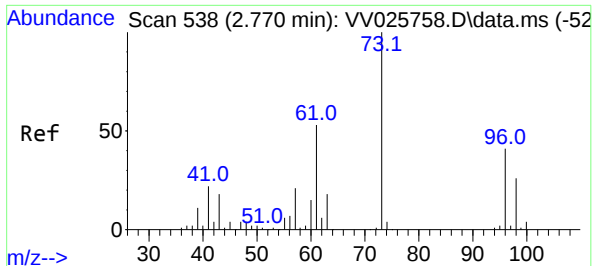
Tgt Ion: 50 Resp: 634
Ion Ratio Lower Upper
50 100
52 61.8 23.7 43.9#



#5
Vinyl chloride
Concen: 0.199 ug/L
RT: 1.314 min Scan# 85
Delta R.T. -0.000 min
Lab File: VV025762.D
Acq: 02 May 2022 13:47

Tgt Ion: 62 Resp: 3468
Ion Ratio Lower Upper
62 100
64 44.7 23.2 43.2#

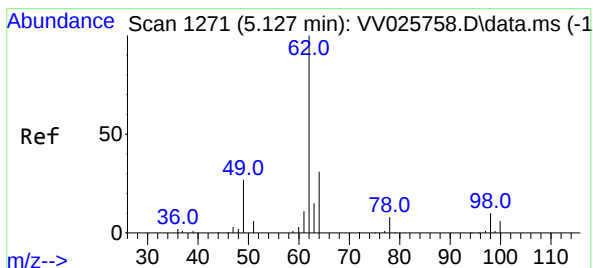
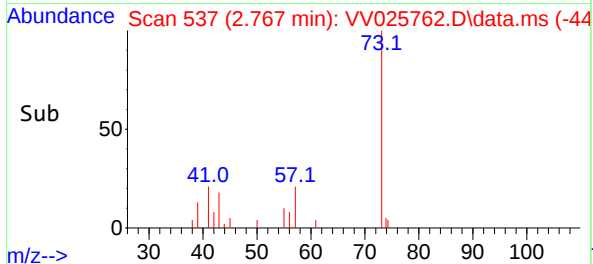
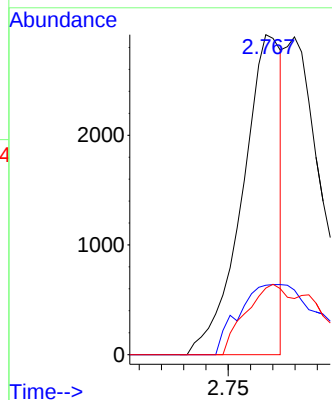
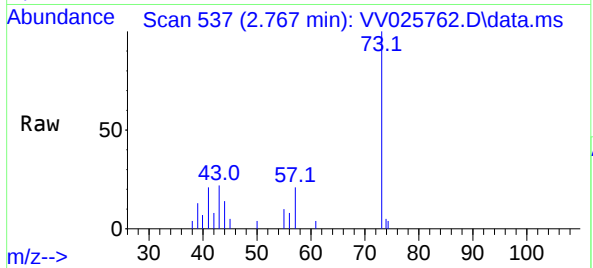




#17
Methyl tert-butyl Ether
Concen: 0.167 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025762.D
Acq: 02 May 2022 13:47

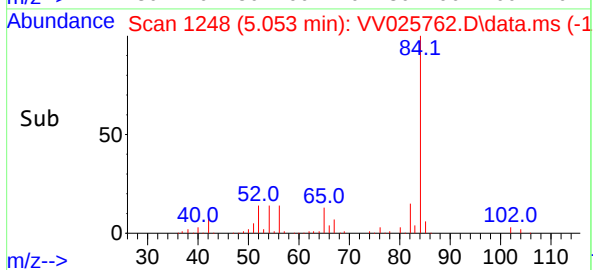
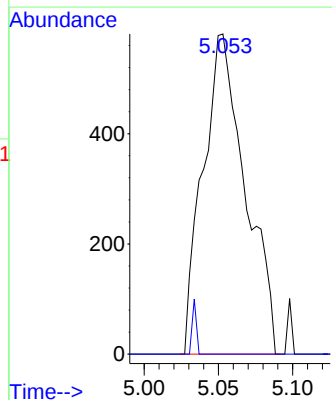
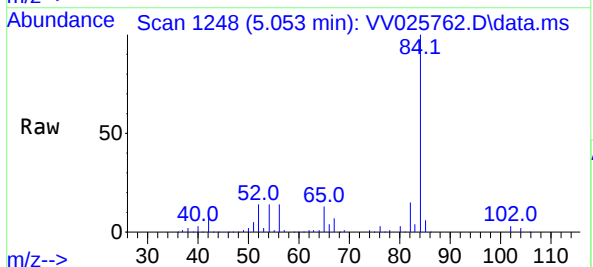
Instrument :
MSVOA_V
ClientSampleId :

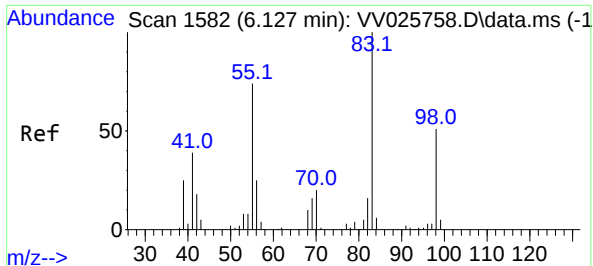
Tgt Ion: 73 Resp: 3529
Ion Ratio Lower Upper
73 100
43 48.1 14.2 21.4#
57 25.8 16.1 24.1#



#27
1,2-Dichloroethane
Concen: 0.107 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.074 min
Lab File: VV025762.D
Acq: 02 May 2022 13:47

Tgt Ion: 62 Resp: 1153
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.742 ug/L

RT: 6.069 min Scan# 15081

Delta R.T. -0.058 min

Lab File: VV025762.D

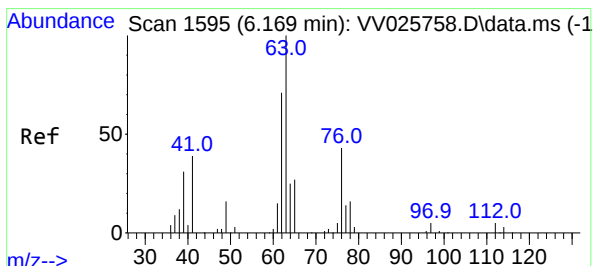
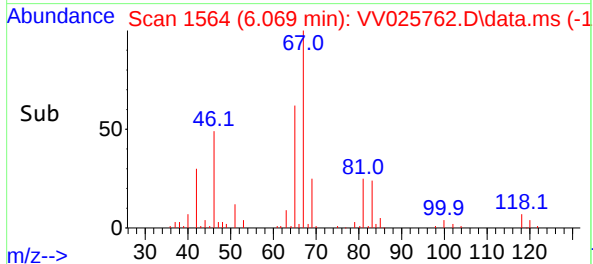
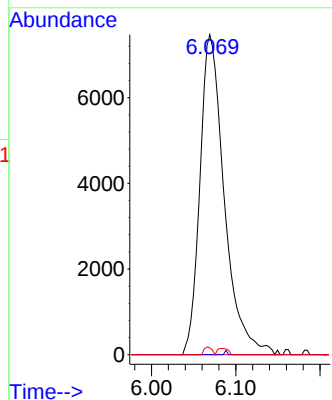
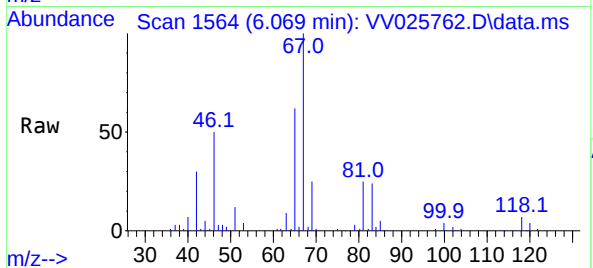
Acq: 02 May 2022 13:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	15081
Ion	Ratio	Lower	Upper
83	100		
55	0.0	53.7	80.5#
98	0.7	39.6	59.4#



#37

1,2-Dichloropropane

Concen: 0.613 ug/L

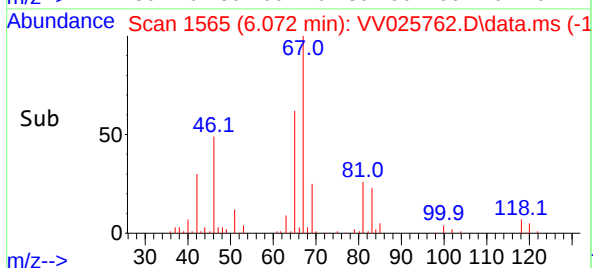
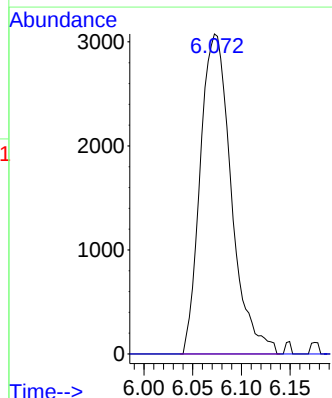
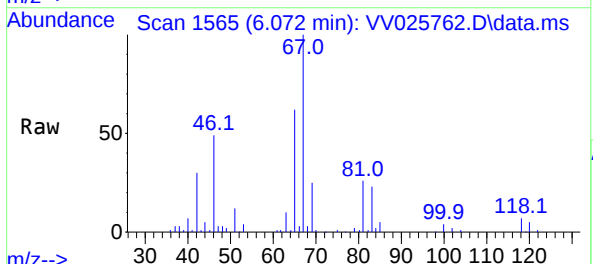
RT: 6.072 min Scan# 1565

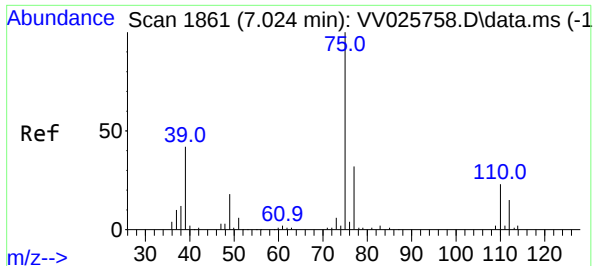
Delta R.T. -0.097 min

Lab File: VV025762.D

Acq: 02 May 2022 13:47

Tgt Ion:	63	Resp:	6804
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025762.D

Acq: 02 May 2022 13:47

Instrument :

MSVOA_V

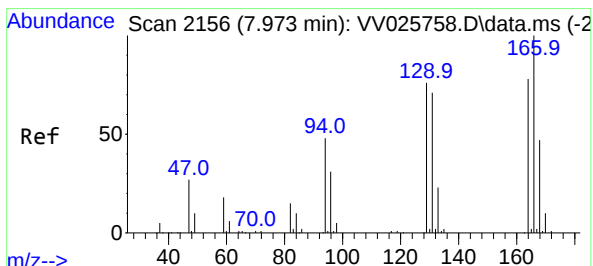
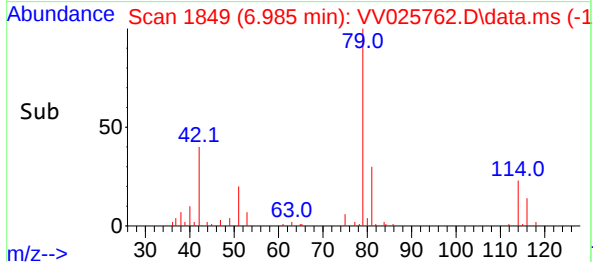
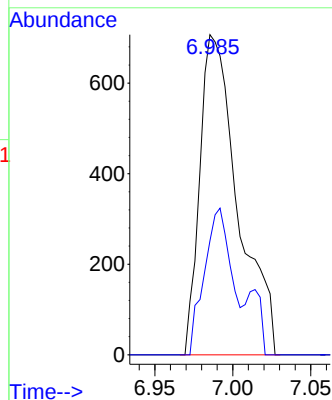
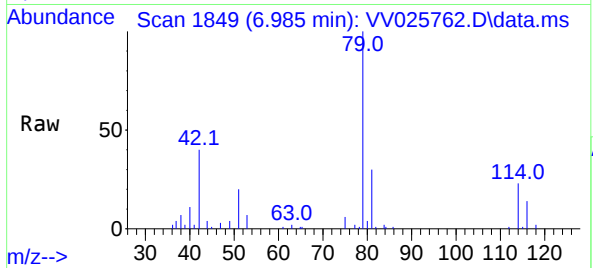
ClientSampleId :

Tgt Ion: 75 Resp: 1203

Ion Ratio Lower Upper

75 100

77 35.6 21.8 40.6



#47

Tetrachloroethene

Concen: 0.112 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.009 min

Lab File: VV025762.D

Acq: 02 May 2022 13:47

Tgt Ion:164 Resp: 1113

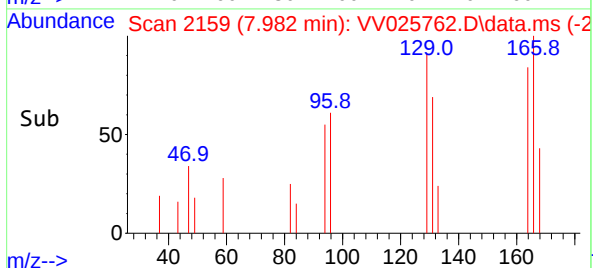
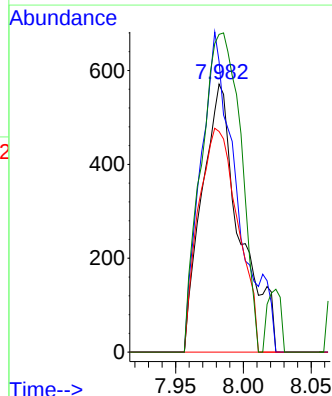
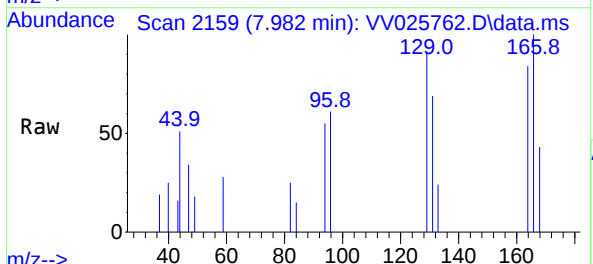
Ion Ratio Lower Upper

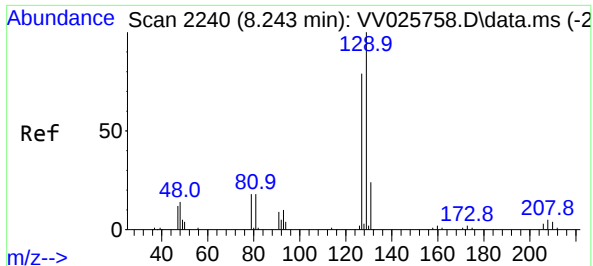
164 100

129 108.4 66.8 124.2

131 82.3 66.4 123.4

166 118.6 91.7 170.3





#49

Dibromochloromethane

Concen: 0.147 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025762.D

Acq: 02 May 2022 13:47

Instrument :

MSVOA_V

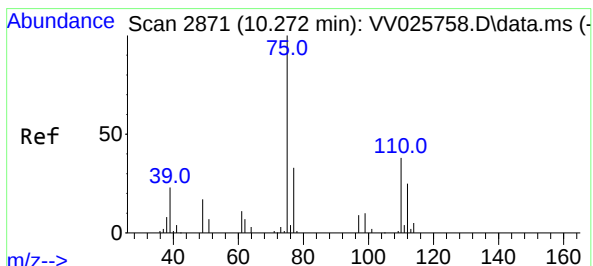
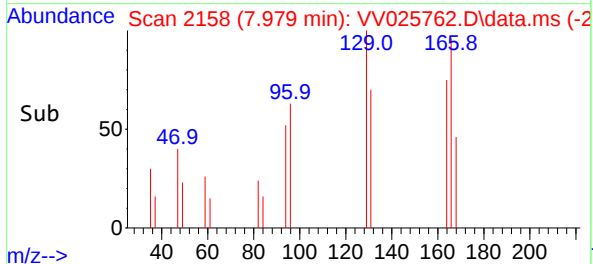
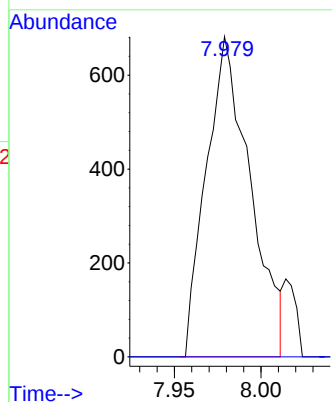
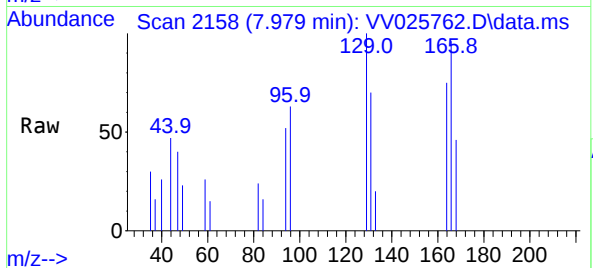
ClientSampleId :

Tgt Ion:129 Resp: 1200

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.919 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025762.D

Acq: 02 May 2022 13:47

Tgt Ion: 75 Resp: 9280

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

110 4.0 34.7 52.1#

