

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030250.D
 Acq On : 20 Mar 2023 11:53
 Operator : SY/MD
 Sample : 02005-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMA0

Quant Time: Mar 20 12:35:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

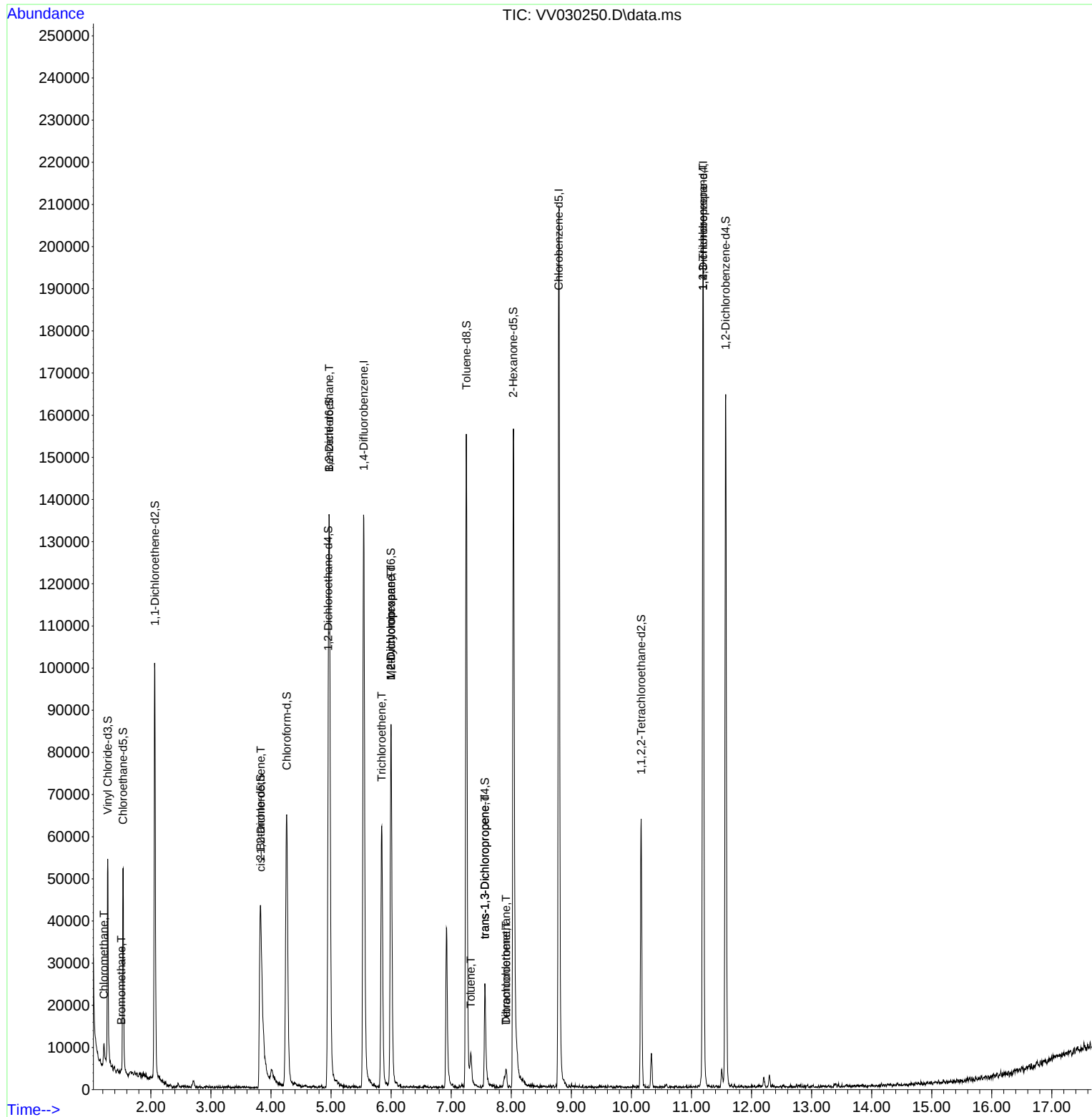
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	117426	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	114973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	30184	3.973	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.536	69	28751	4.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.066	63	52920	3.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	3.825	46	73914	52.764	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.520%
24) Chloroform-d	4.262	84	68395	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.954	65	34350	5.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	4.970	84	121005	3.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	5.998	67	38006	4.084	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.252	98	105274	3.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.561	79	14102	4.429	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.034	63	58429	44.353	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.700%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	28666	4.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	42894	4.501	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
3) Chloromethane	1.221	50	3177	0.211	ug/L	97
6) Bromomethane	1.507	94	335	0.187	ug/L #	54
22) cis-1,2-Dichloroethene	3.831	96	7228	0.872	ug/L	90
27) 1,2-Dichloroethane	4.970	62	895	0.118	ug/L #	71
34) Trichloroethene	5.844	95	21601	2.455	ug/L	97
35) Methylcyclohexane	5.998	83	10007	0.752	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	4813	0.602	ug/L #	86
42) Toluene	7.326	91	4516	0.133	ug/L	95
44) trans-1,3-Dichloropropene	7.561	75	723	0.079	ug/L #	74
47) Tetrachloroethene	7.915	164	1129	0.149	ug/L	83
49) Dibromochloromethane	7.915	129	885	0.132	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	5935	1.574	ug/L #	63

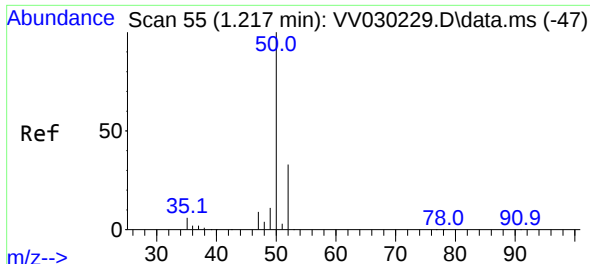
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
Data File : VV030250.D
Acq On : 20 Mar 2023 11:53
Operator : SY/MD
Sample : 02005-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMA0

Quant Time: Mar 20 12:35:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 17 22:49:08 2023
Response via : Initial Calibration

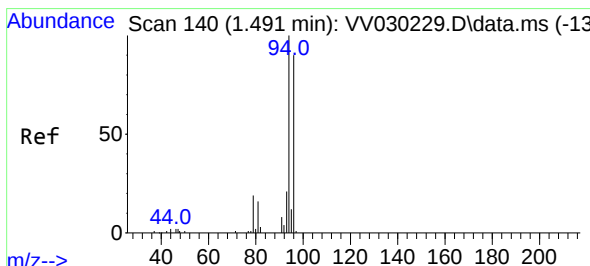
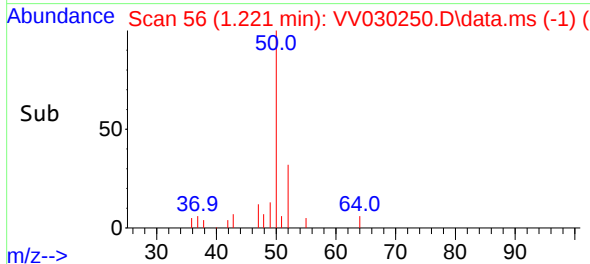
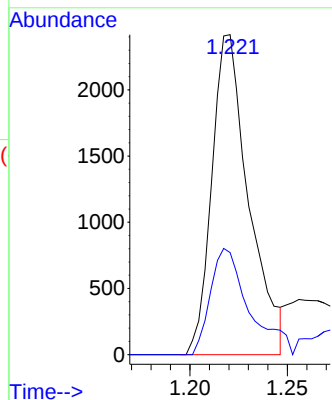
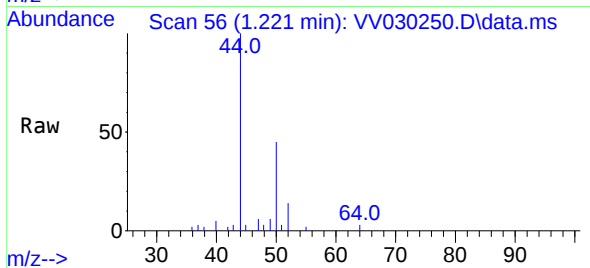




#3
Chloromethane
Concen: 0.211 ug/L
RT: 1.221 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030250.D
Acq: 20 Mar 2023 11:53

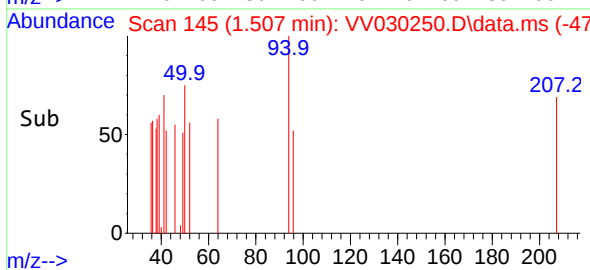
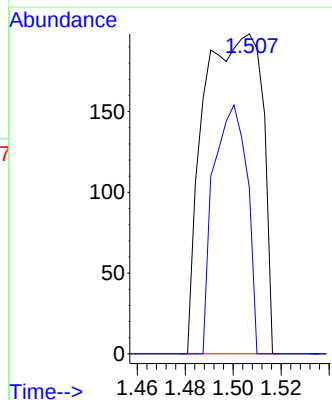
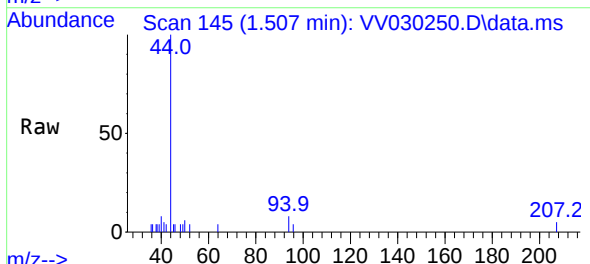
Instrument :
MSVOA_V
ClientSampleId :
COMA0

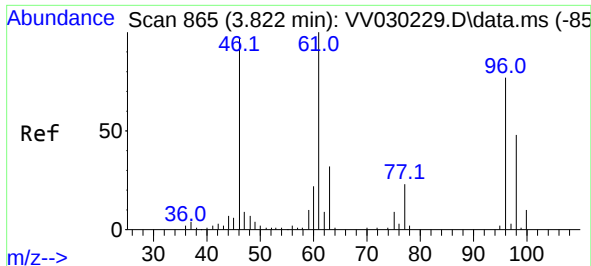
Tgt Ion: 50 Resp: 3177
Ion Ratio Lower Upper
50 100
52 31.9 23.6 43.8



#6
Bromomethane
Concen: 0.187 ug/L
RT: 1.507 min Scan# 145
Delta R.T. 0.016 min
Lab File: VV030250.D
Acq: 20 Mar 2023 11:53

Tgt Ion: 94 Resp: 335
Ion Ratio Lower Upper
94 100
96 52.0 68.4 127.0#

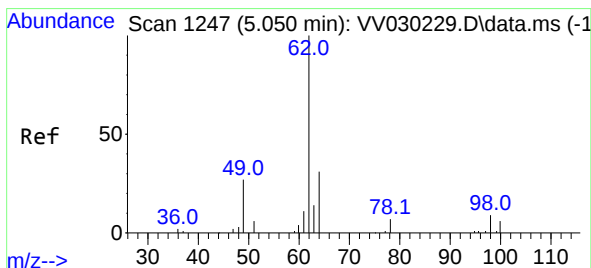
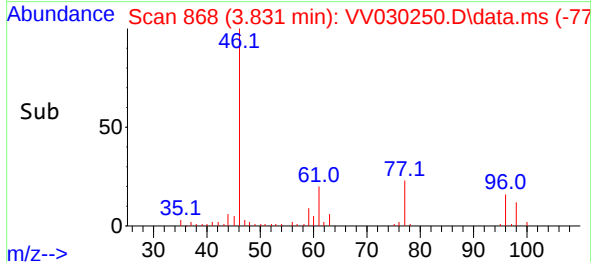
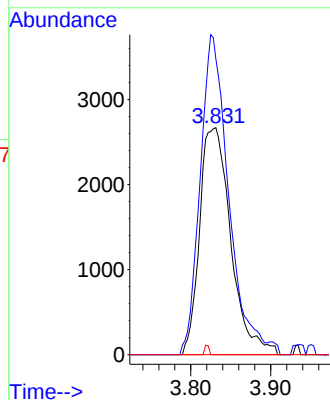
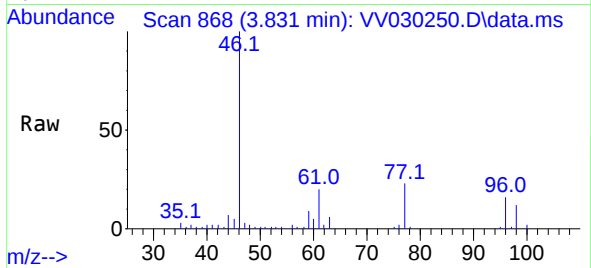




#22
cis-1,2-Dichloroethene
Concen: 0.872 ug/L
RT: 3.831 min Scan# 865
Delta R.T. 0.010 min
Lab File: VV030250.D
Acq: 20 Mar 2023 11:53

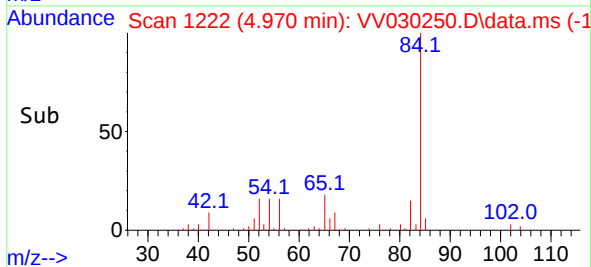
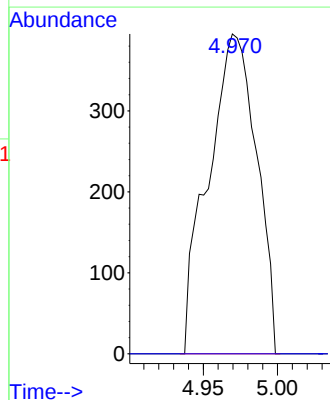
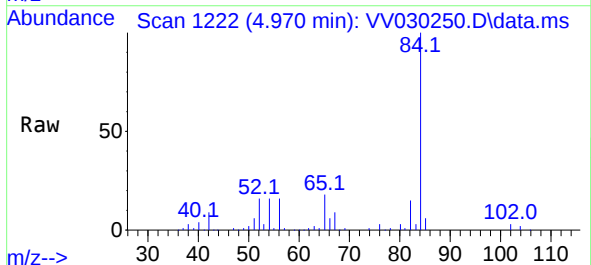
Instrument :
MSVOA_V
ClientSampleId :
COMA0

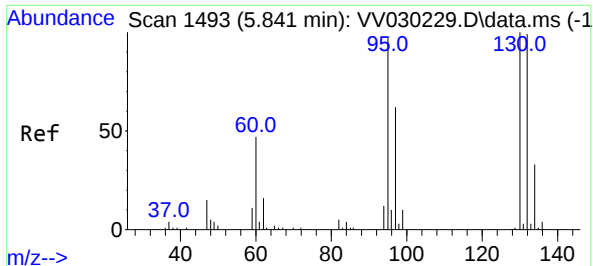
Tgt Ion: 96 Resp: 7228
Ion Ratio Lower Upper
96 100
61 130.3 83.4 154.8
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.118 ug/L
RT: 4.970 min Scan# 1222
Delta R.T. -0.080 min
Lab File: VV030250.D
Acq: 20 Mar 2023 11:53

Tgt Ion: 62 Resp: 895
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

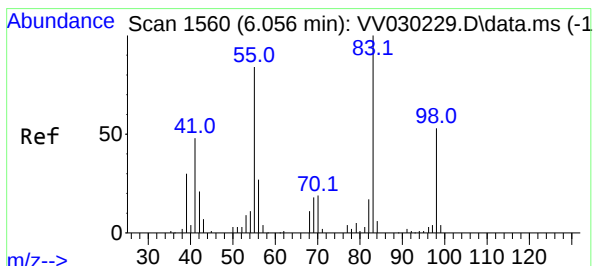
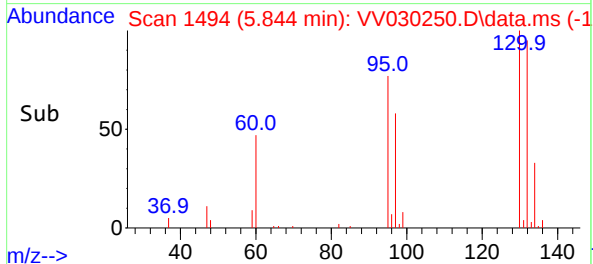
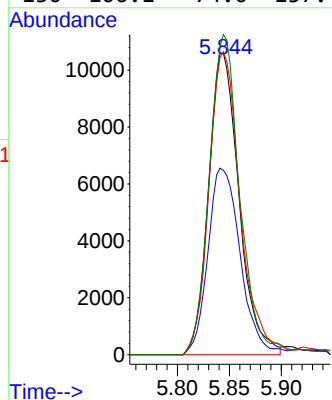
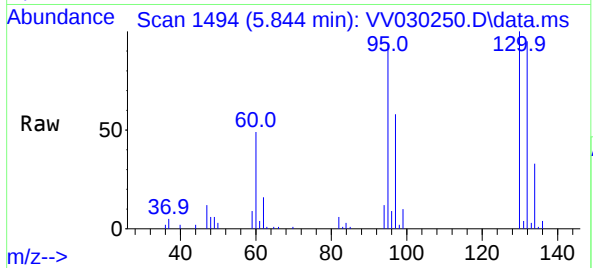




#34
Trichloroethene
Concen: 2.455 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030250.D
Acq: 20 Mar 2023 11:53

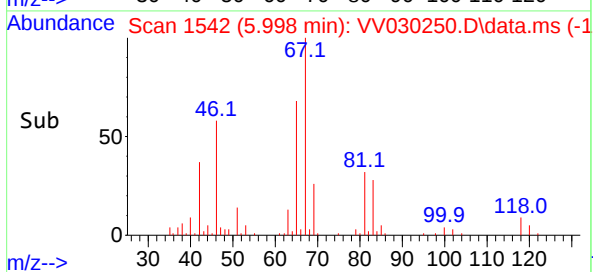
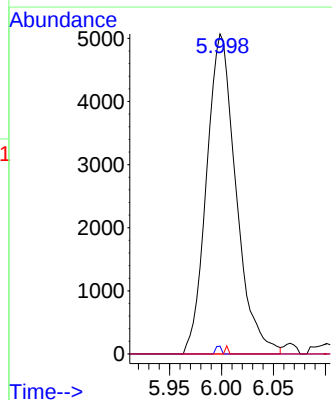
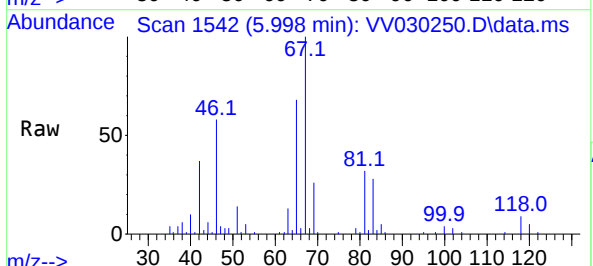
Instrument :
MSVOA_V
ClientSampleId :
COMA0

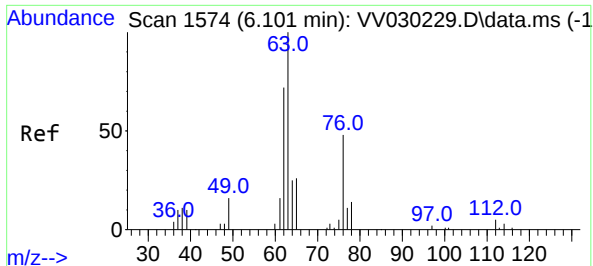
Tgt Ion: 95 Resp: 21601
Ion Ratio Lower Upper
95 100
97 61.1 46.5 86.5
132 100.5 71.7 133.3
130 106.1 74.0 137.4



#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030250.D
Acq: 20 Mar 2023 11:53

Tgt Ion: 83 Resp: 10007
Ion Ratio Lower Upper
83 100
55 0.5 57.6 86.4#
98 0.2 38.8 58.2#

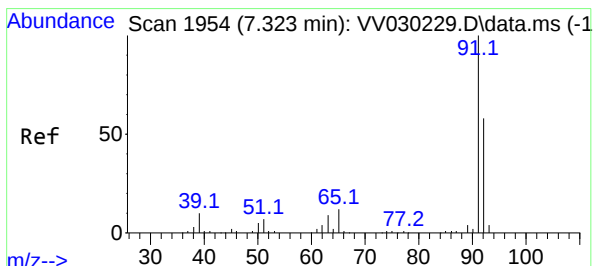
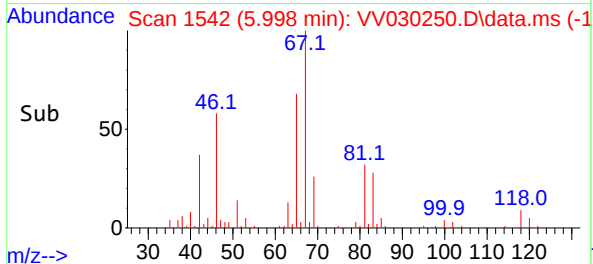
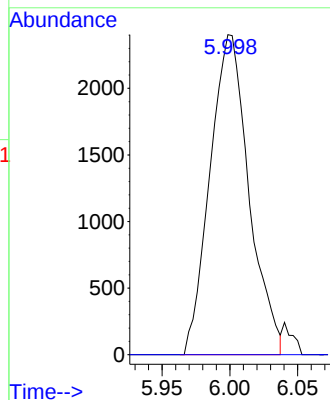
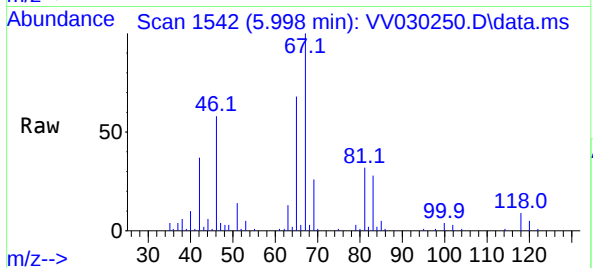




#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV030250.D
Acq: 20 Mar 2023 11:53

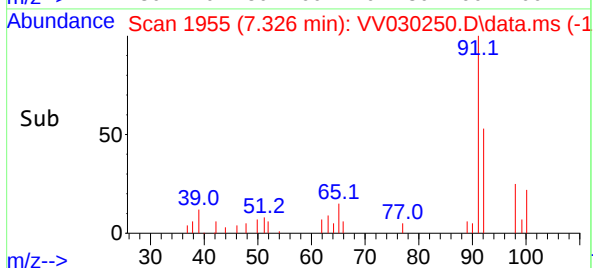
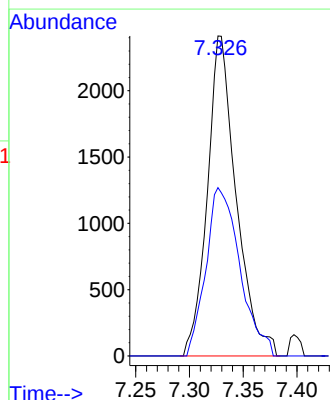
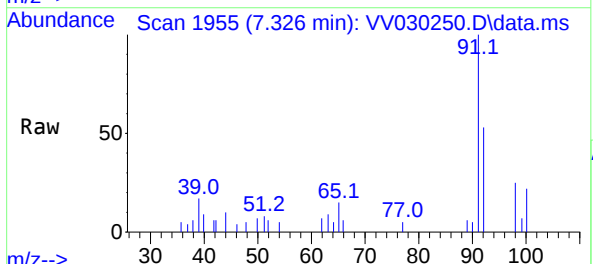
Instrument :
MSVOA_V
ClientSampleId :
COMA0

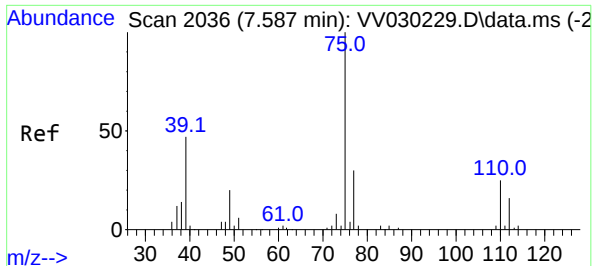
Tgt Ion: 63 Resp: 4813
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#42
Toluene
Concen: 0.133 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.003 min
Lab File: VV030250.D
Acq: 20 Mar 2023 11:53

Tgt Ion: 91 Resp: 4516
Ion Ratio Lower Upper
91 100
92 52.6 39.6 73.6

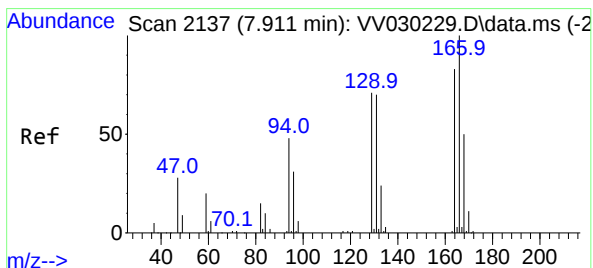
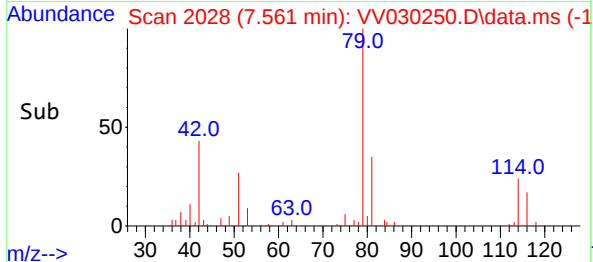
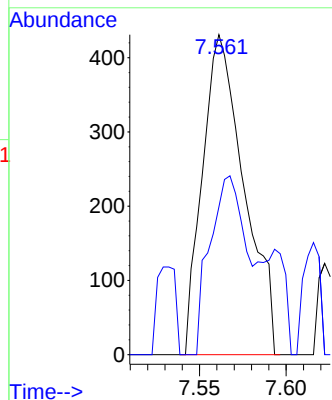
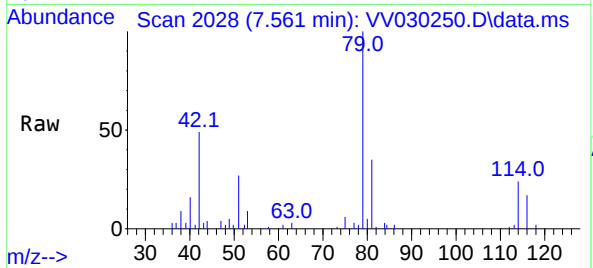




#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.561 min Scan# 2036
Delta R.T. -0.026 min
Lab File: VV030250.D
Acq: 20 Mar 2023 11:53

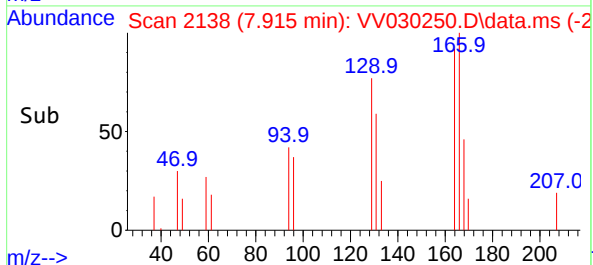
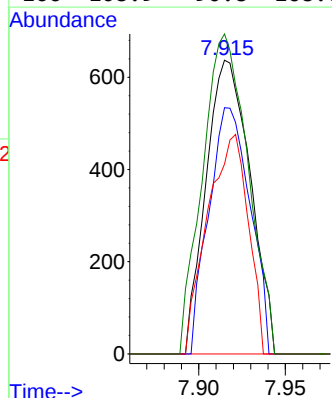
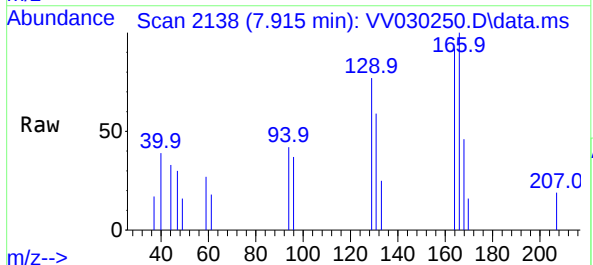
Instrument :
MSVOA_V
ClientSampleId :
COMA0

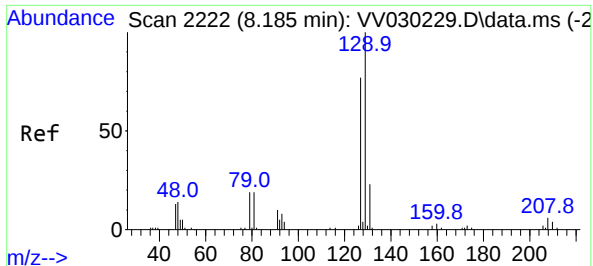
Tgt Ion: 75 Resp: 723
Ion Ratio Lower Upper
75 100
77 46.2 22.1 41.1#



#47
Tetrachloroethene
Concen: 0.149 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030250.D
Acq: 20 Mar 2023 11:53

Tgt Ion: 164 Resp: 1129
Ion Ratio Lower Upper
164 100
129 83.8 63.6 118.2
131 64.7 61.7 114.7
166 108.9 90.8 168.6





#49

Dibromochloromethane

Concen: 0.132 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030250.D

Acq: 20 Mar 2023 11:53

Instrument :

MSVOA_V

ClientSampleId :

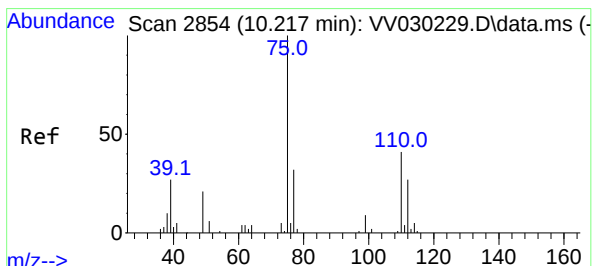
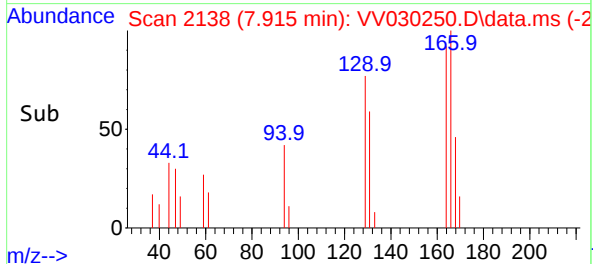
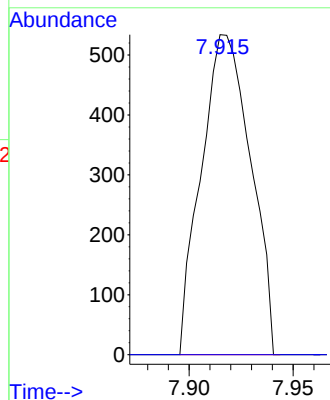
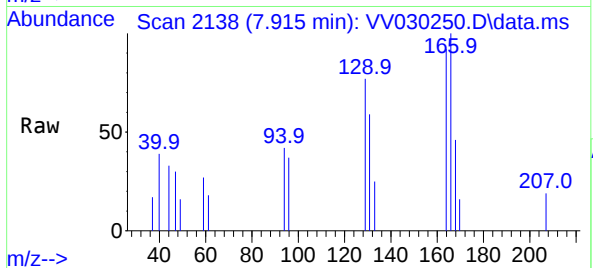
COMA0

Tgt Ion:129 Resp: 885

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.574 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030250.D

Acq: 20 Mar 2023 11:53

Tgt Ion: 75 Resp: 5935

Ion Ratio Lower Upper

75 100

77 38.5 26.5 39.7

110 3.0 31.8 47.6#

