

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032023\
 Data File : VW030251.D
 Acq On : 20 Mar 2023 12:18
 Operator : SY/MD
 Sample : 02005-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMA1

Quant Time: Mar 20 13:06:38 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)

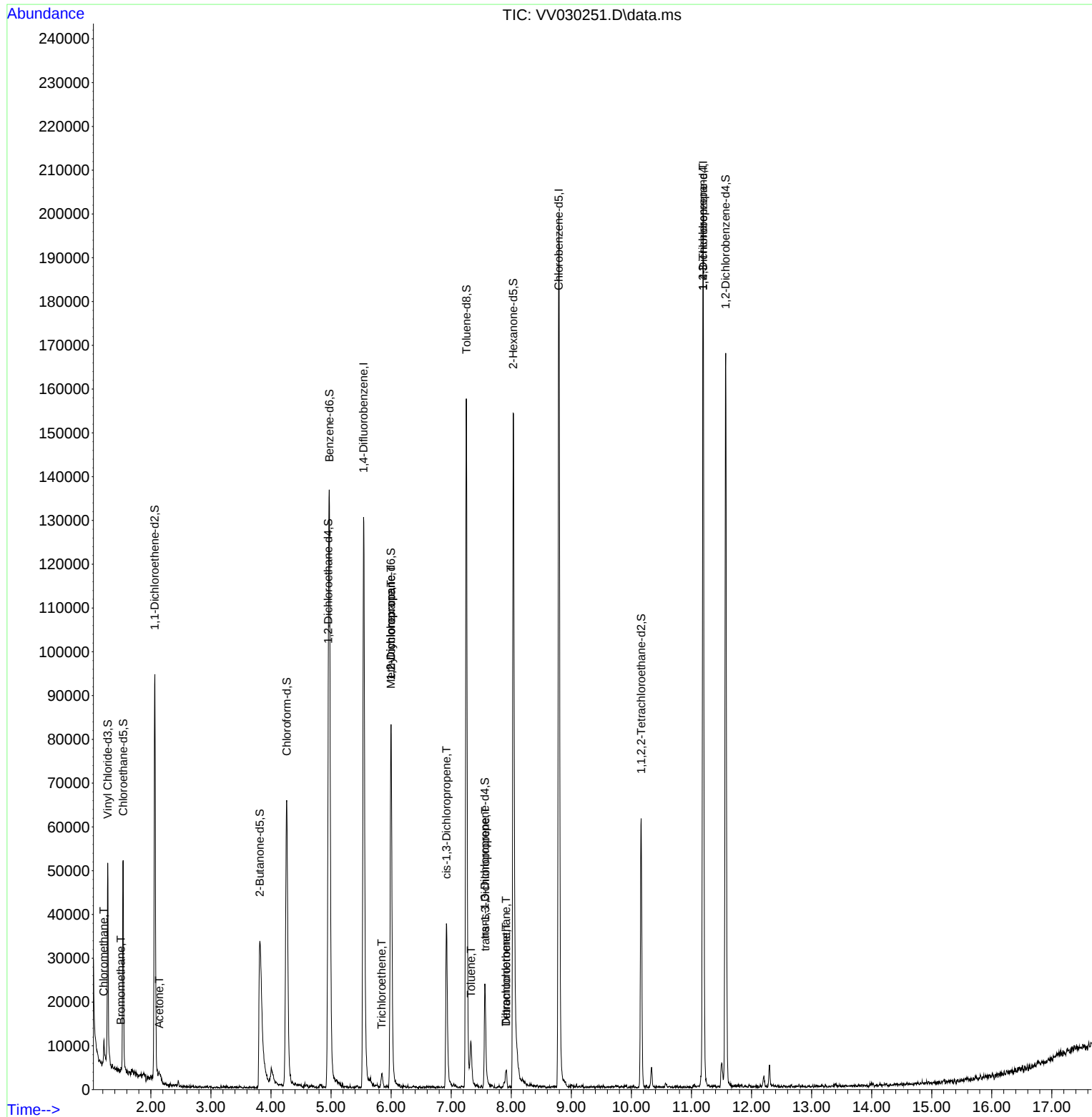
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	110980	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	111878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	54706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	29161	4.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.539	69	29324	4.350	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.066	63	50619	3.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.815	46	70945	53.586	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.180%
24) Chloroform-d	4.262	84	68856	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.954	65	34344	5.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.800%
32) Benzene-d6	4.973	84	121305	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	5.998	67	37041	4.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.252	98	106097	3.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.561	79	14234	4.594	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.034	63	56391	43.991	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.980%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	27939	4.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	43296	4.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3058	0.215	ug/L	97
6) Bromomethane	1.500	94	201	0.118	ug/L	82
13) Acetone	2.140	43	3193	3.263	ug/L #	51
34) Trichloroethene	5.844	95	958	0.112	ug/L	92
35) Methylcyclohexane	5.995	83	9486	0.732	ug/L #	21
37) 1,2-Dichloropropane	5.998	63	4701	0.605	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1029	0.090	ug/L #	39
42) Toluene	7.330	91	6619	0.200	ug/L	93
44) trans-1,3-Dichloropropene	7.568	75	776	0.087	ug/L	90
47) Tetrachloroethene	7.915	164	816	0.111	ug/L	93
49) Dibromochloromethane	7.915	129	918	0.141	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	5941	1.623	ug/L #	65

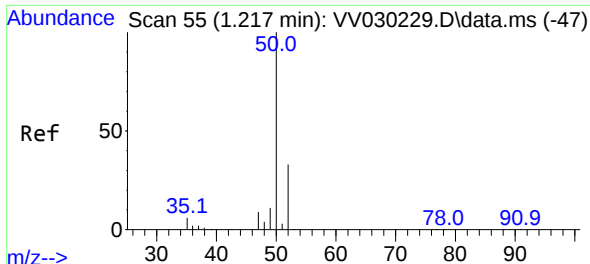
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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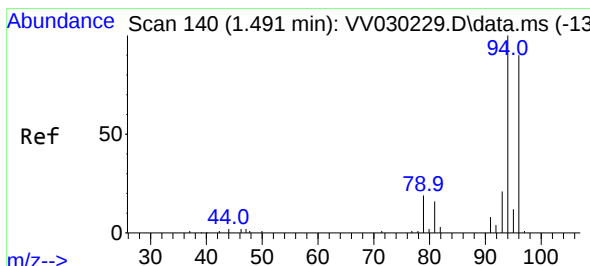
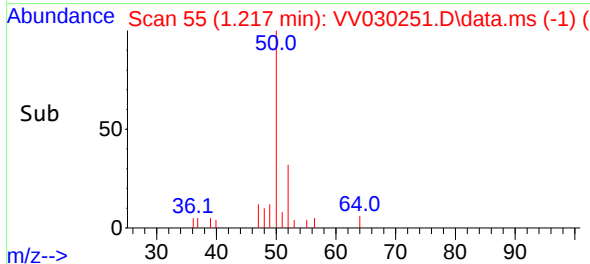
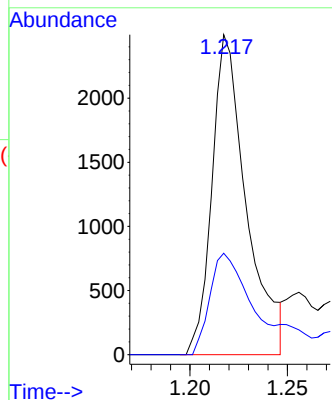
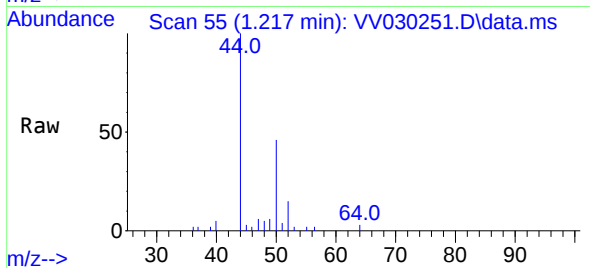




#3
Chloromethane
Concen: 0.215 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030251.D
Acq: 20 Mar 2023 12:18

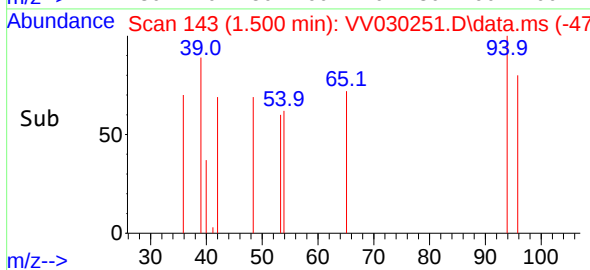
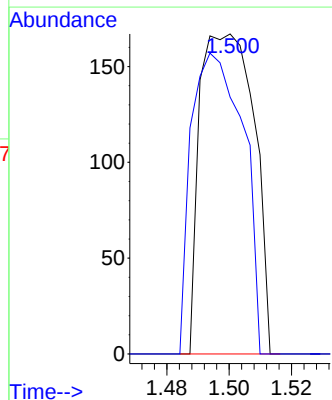
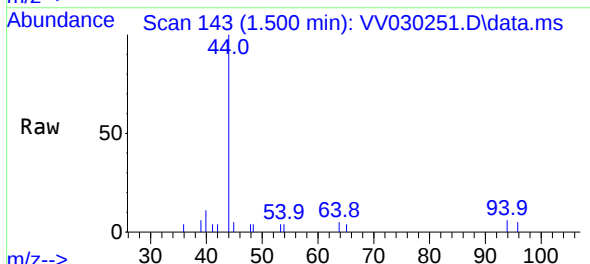
Instrument :
MSVOA_V
ClientSampleId :
COMA1

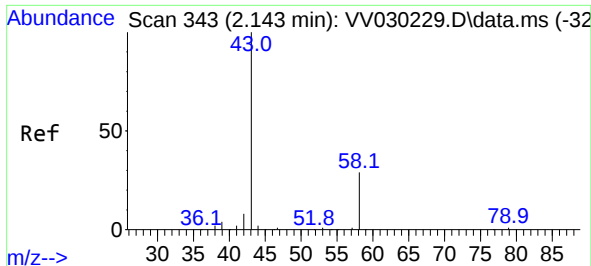
Tgt Ion: 50 Resp: 3058
Ion Ratio Lower Upper
50 100
52 31.7 23.6 43.8



#6
Bromomethane
Concen: 0.118 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.010 min
Lab File: VV030251.D
Acq: 20 Mar 2023 12:18

Tgt Ion: 94 Resp: 201
Ion Ratio Lower Upper
94 100
96 80.2 68.4 127.0





#13

Acetone

Concen: 3.263 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV030251.D

Acq: 20 Mar 2023 12:18

Instrument :

MSVOA_V

ClientSampleId :

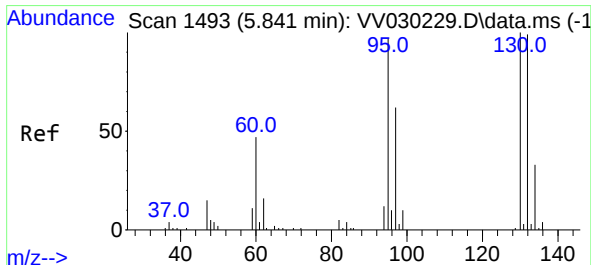
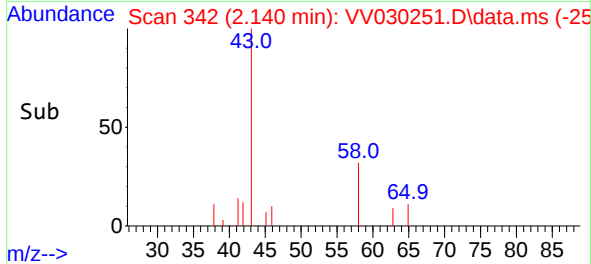
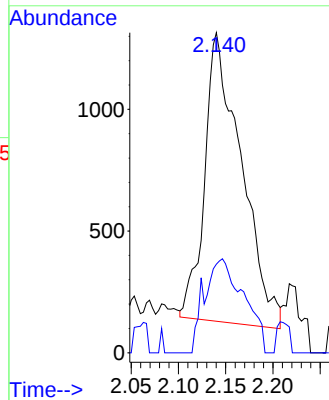
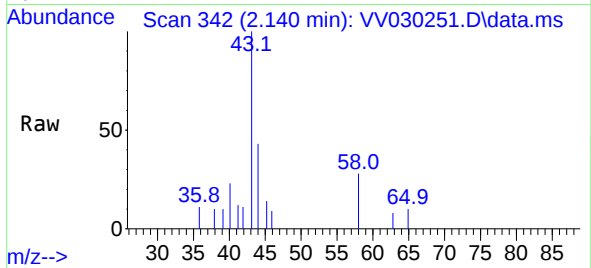
COMA1

Tgt Ion: 43 Resp: 3193

Ion Ratio Lower Upper

43 100

58 34.9 0.0 29.4#



#34

Trichloroethene

Concen: 0.112 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030251.D

Acq: 20 Mar 2023 12:18

Tgt Ion: 95 Resp: 958

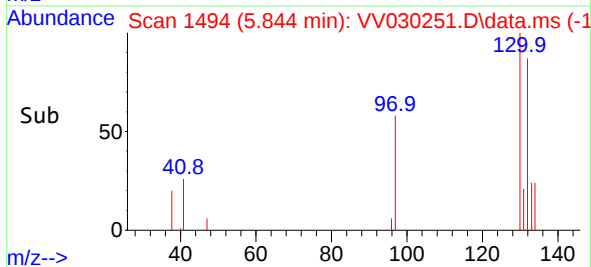
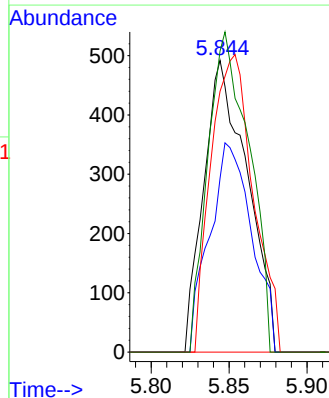
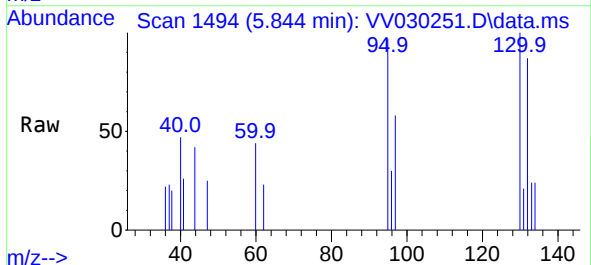
Ion Ratio Lower Upper

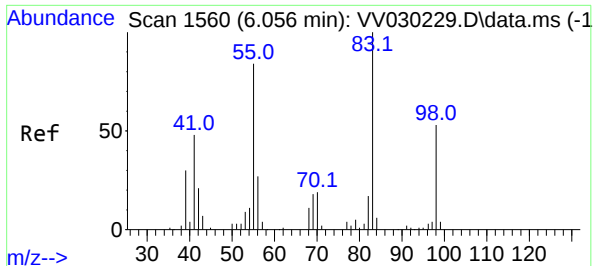
95 100

97 59.6 46.5 86.5

132 89.4 71.7 133.3

130 103.3 74.0 137.4

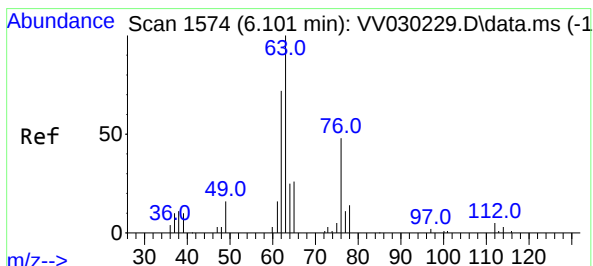
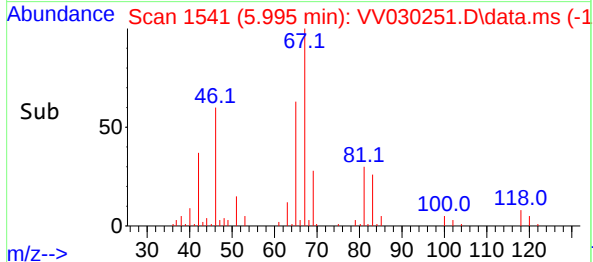
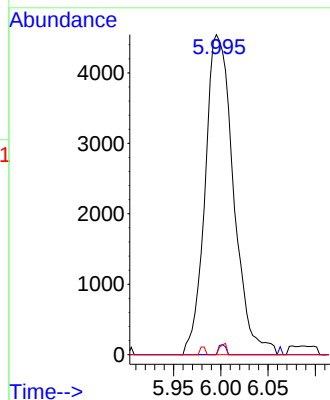
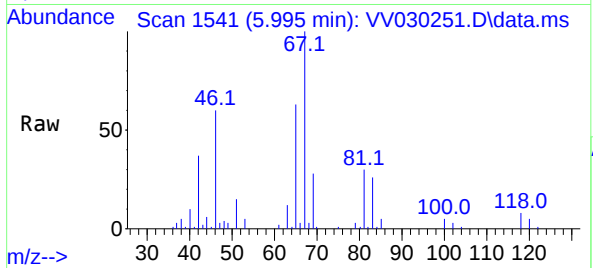




#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.061 min
Lab File: VV030251.D
Acq: 20 Mar 2023 12:18

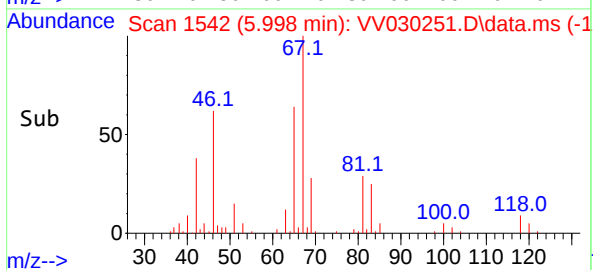
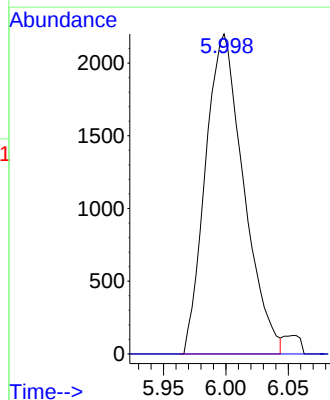
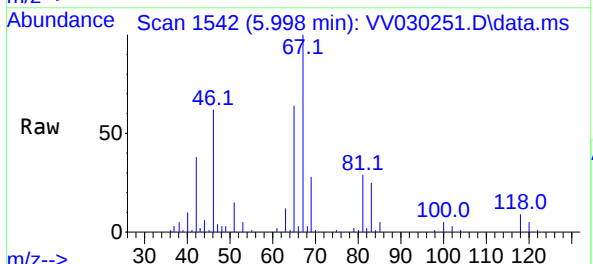
Instrument :
MSVOA_V
ClientSampleId :
COMA1

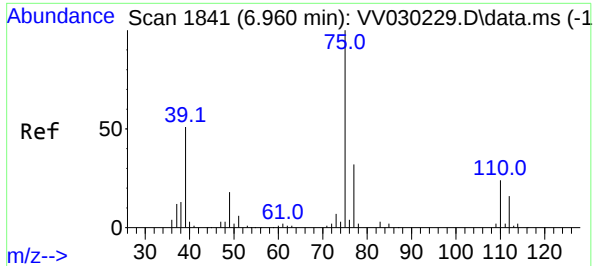
Tgt Ion: 83 Resp: 9486
Ion Ratio Lower Upper
83 100
55 0.8 57.6 86.4#
98 0.8 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030251.D
Acq: 20 Mar 2023 12:18

Tgt Ion: 63 Resp: 4701
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

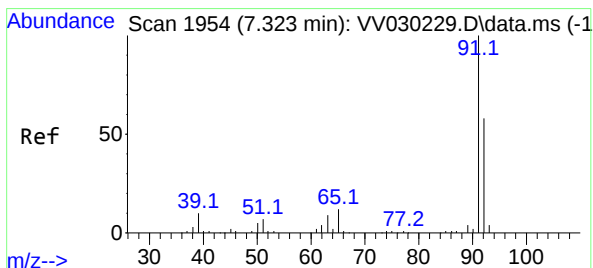
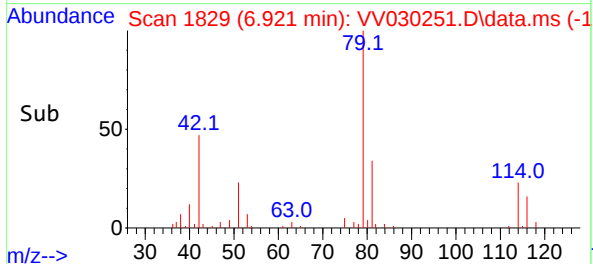
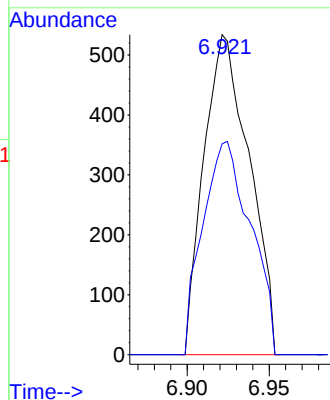
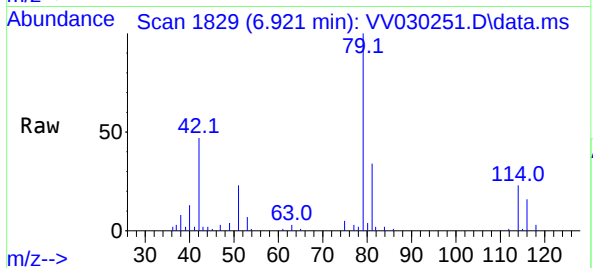




#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 6.921 min Scan# 1829
Delta R.T. -0.038 min
Lab File: VV030251.D
Acq: 20 Mar 2023 12:18

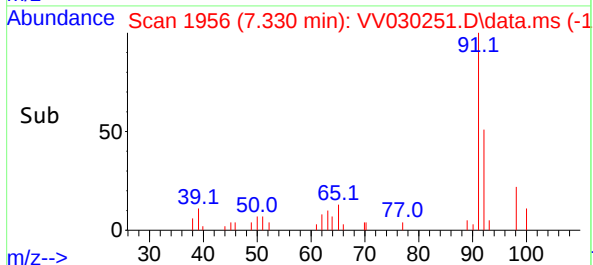
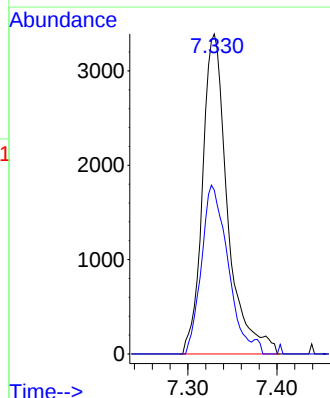
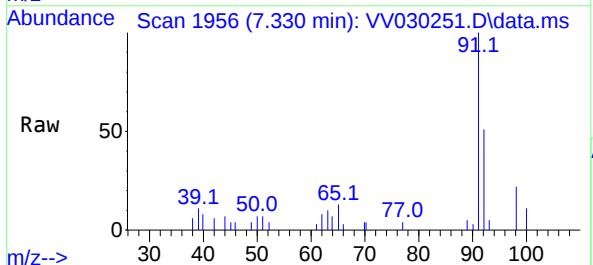
Instrument :
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ClientSampleId :
COMA1

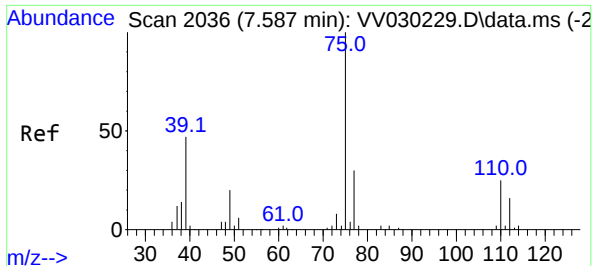
Tgt Ion: 75 Resp: 1029
Ion Ratio Lower Upper
75 100
77 65.9 22.3 41.3#



#42
Toluene
Concen: 0.200 ug/L
RT: 7.330 min Scan# 1956
Delta R.T. 0.007 min
Lab File: VV030251.D
Acq: 20 Mar 2023 12:18

Tgt Ion: 91 Resp: 6619
Ion Ratio Lower Upper
91 100
92 51.2 39.6 73.6

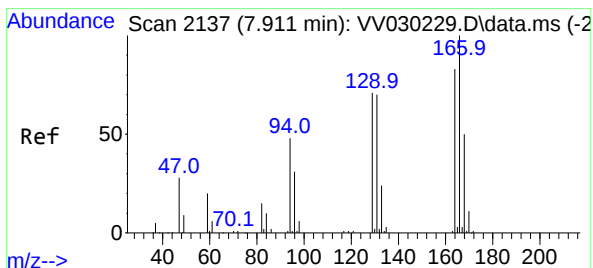
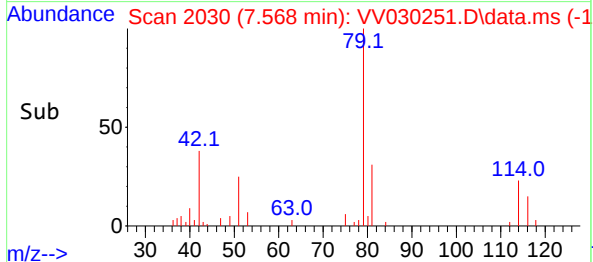
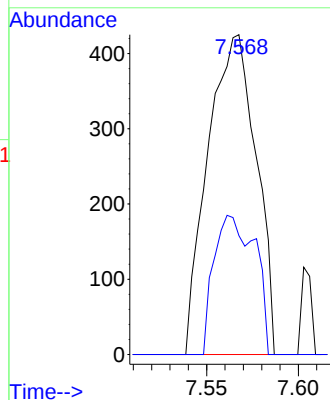
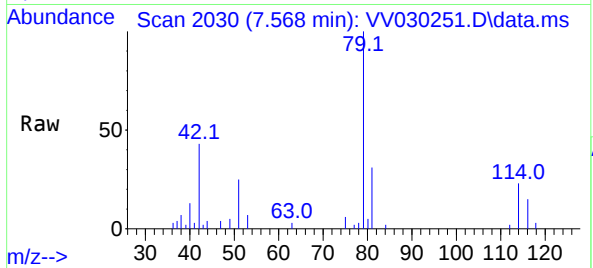




#44
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.568 min Scan# 2030
Delta R.T. -0.019 min
Lab File: VV030251.D
Acq: 20 Mar 2023 12:18

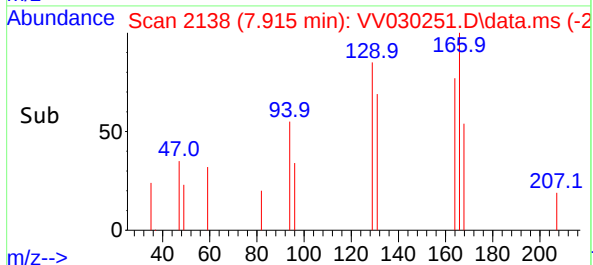
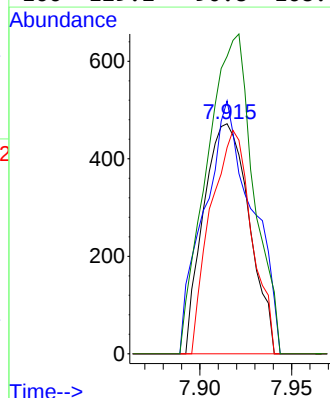
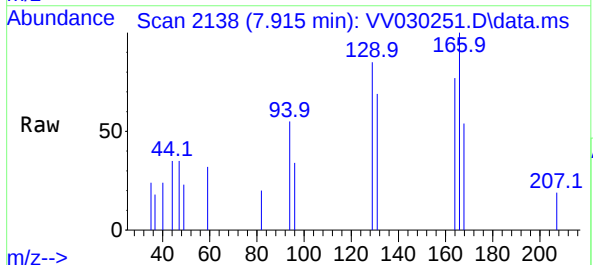
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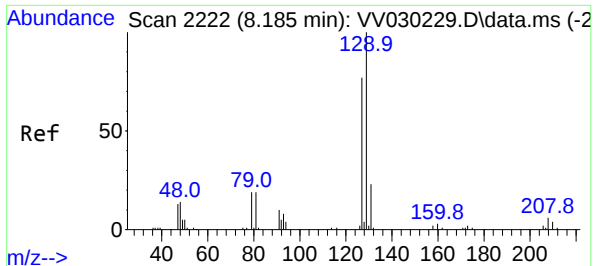
Tgt Ion: 75 Resp: 776
Ion Ratio Lower Upper
75 100
77 37.2 22.1 41.1



#47
Tetrachloroethene
Concen: 0.111 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030251.D
Acq: 20 Mar 2023 12:18

Tgt Ion: 164 Resp: 816
Ion Ratio Lower Upper
164 100
129 110.0 63.6 118.2
131 89.6 61.7 114.7
166 129.2 90.8 168.6





#49

Dibromochloromethane

Concen: 0.141 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030251.D

Acq: 20 Mar 2023 12:18

Instrument :

MSVOA_V

ClientSampleId :

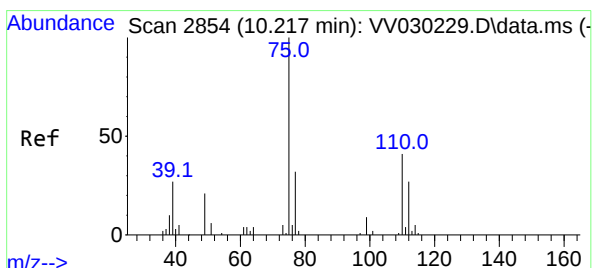
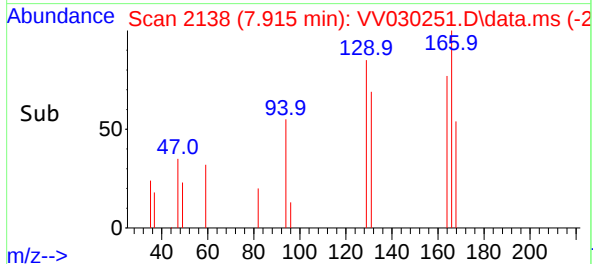
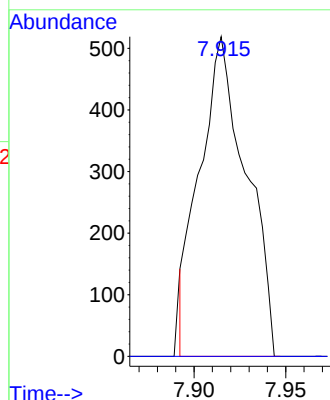
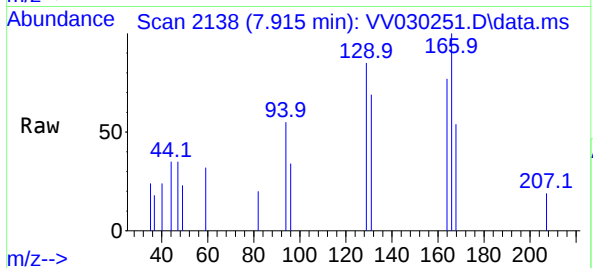
COMA1

Tgt Ion:129 Resp: 918

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.623 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030251.D

Acq: 20 Mar 2023 12:18

Tgt Ion: 75 Resp: 5941

Ion Ratio Lower Upper

75 100

77 34.7 26.5 39.7

110 1.6 31.8 47.6#

