

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030252.D
 Acq On : 20 Mar 2023 12:42
 Operator : SY/MD
 Sample : 02005-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMA2

Quant Time: Mar 20 13:06:45 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)

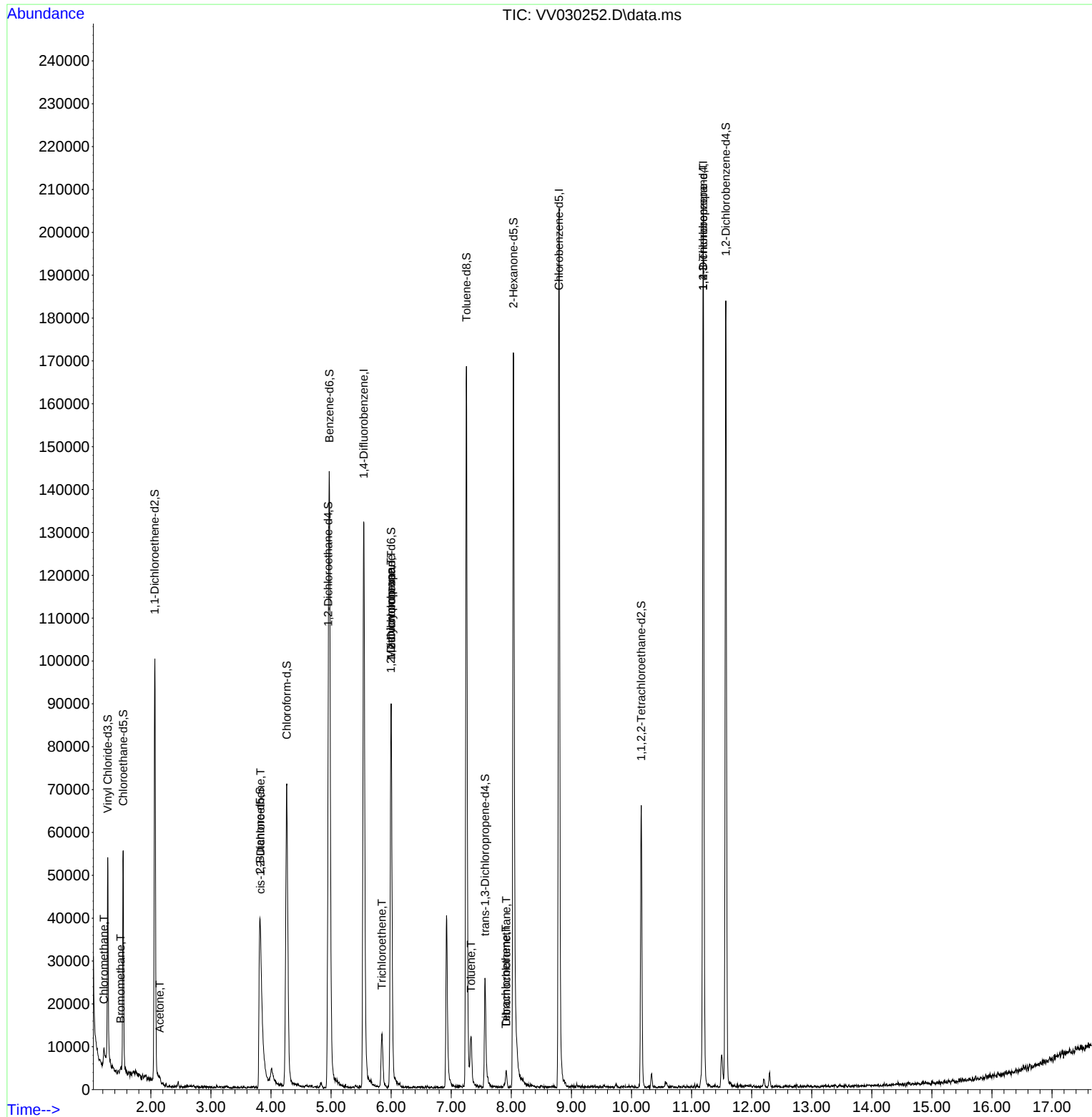
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	114333	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	113558	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30868	4.172	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.539	69	30996	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.066	63	52499	3.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.815	46	77524	56.838	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.680%
24) Chloroform-d	4.262	84	71401	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	4.953	65	36956	5.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.800%
32) Benzene-d6	4.973	84	127694	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.998	67	39006	4.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.252	98	111005	3.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.564	79	14760	4.693	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.034	63	62706	48.193	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.380%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30308	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	46432	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3272	0.223	ug/L	84
6) Bromomethane	1.497	94	304	0.174	ug/L	82
13) Acetone	2.146	43	1751	1.737	ug/L	99
22) cis-1,2-Dichloroethene	3.828	96	1785	0.221	ug/L	97
34) Trichloroethene	5.847	95	4651	0.535	ug/L	90
35) Methylcyclohexane	5.998	83	10532	0.801	ug/L #	21
37) 1,2-Dichloropropane	5.995	63	5390	0.683	ug/L #	87
42) Toluene	7.329	91	7631	0.227	ug/L	92
47) Tetrachloroethene	7.908	164	863	0.116	ug/L	79
49) Dibromochloromethane	7.915	129	710	0.107	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	5919	1.606	ug/L #	61

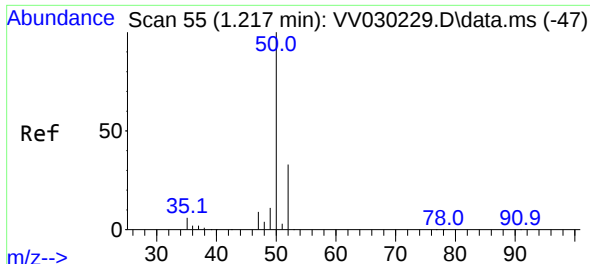
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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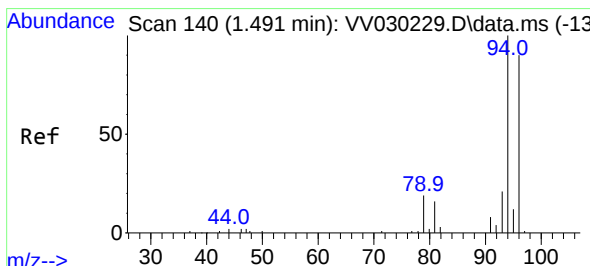
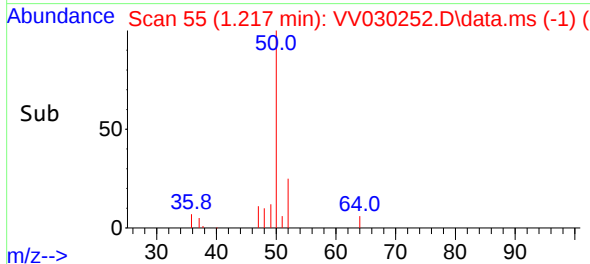
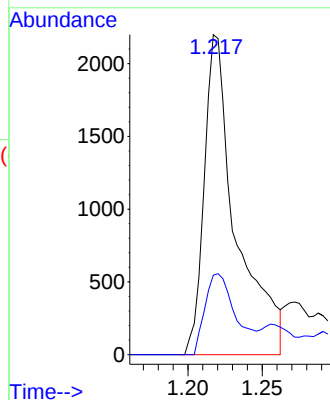
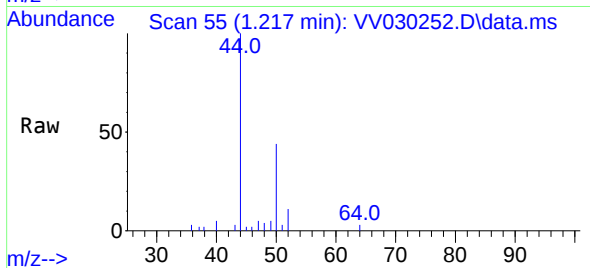




#3
Chloromethane
Concen: 0.223 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030252.D
Acq: 20 Mar 2023 12:42

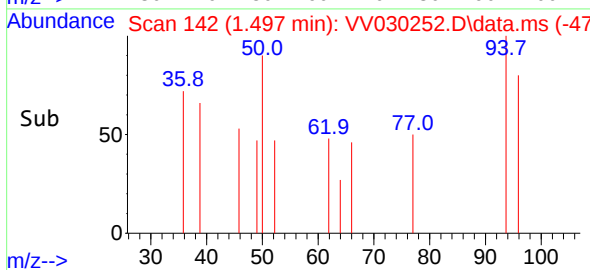
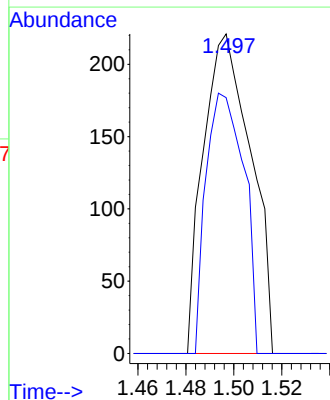
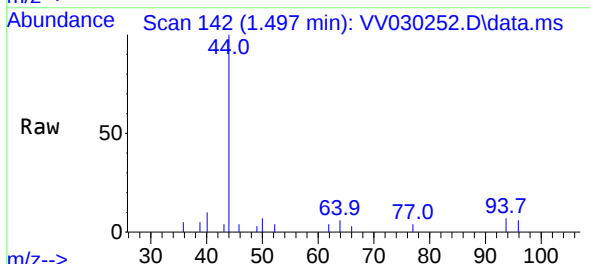
Instrument :
MSVOA_V
ClientSampleId :
COMA2

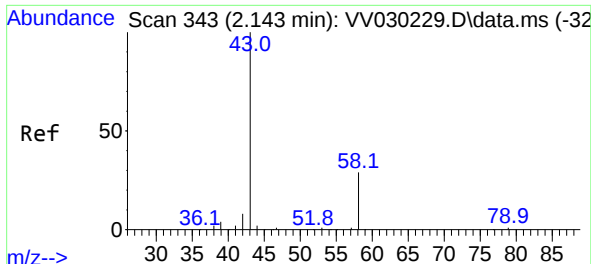
Tgt Ion: 50 Resp: 3272
Ion Ratio Lower Upper
50 100
52 24.8 23.6 43.8



#6
Bromomethane
Concen: 0.174 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030252.D
Acq: 20 Mar 2023 12:42

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 80.1 68.4 127.0





#13

Acetone

Concen: 1.737 ug/L

RT: 2.146 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV030252.D

Acq: 20 Mar 2023 12:42

Instrument :

MSVOA_V

ClientSampleId :

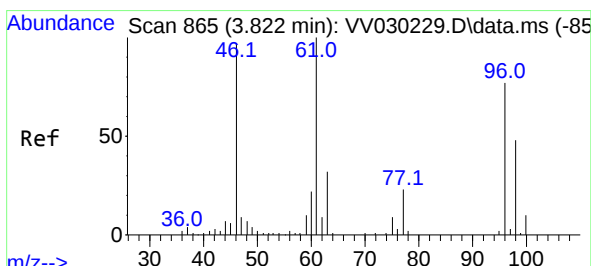
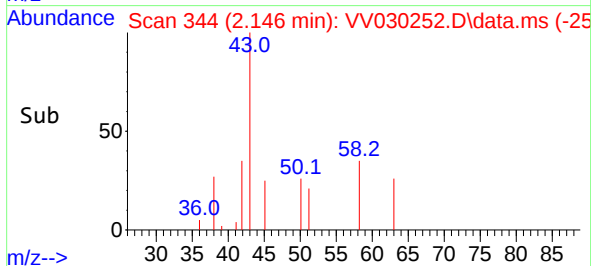
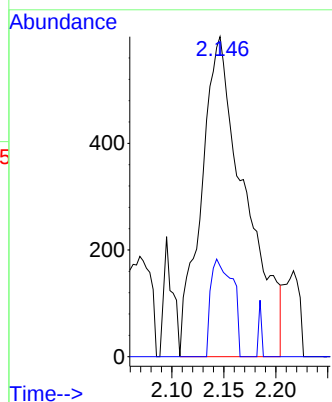
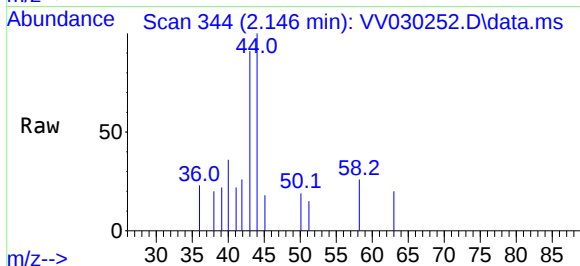
COMA2

Tgt Ion: 43 Resp: 1751

Ion Ratio Lower Upper

43 100

58 15.2 0.0 29.4



#22

cis-1,2-Dichloroethene

Concen: 0.221 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.006 min

Lab File: VV030252.D

Acq: 20 Mar 2023 12:42

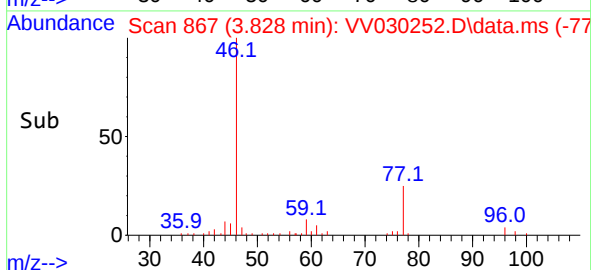
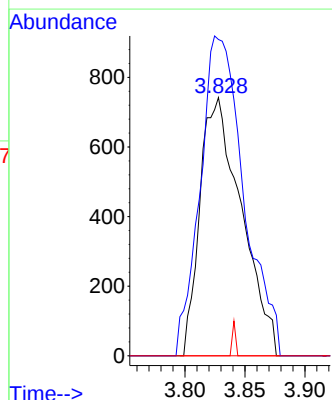
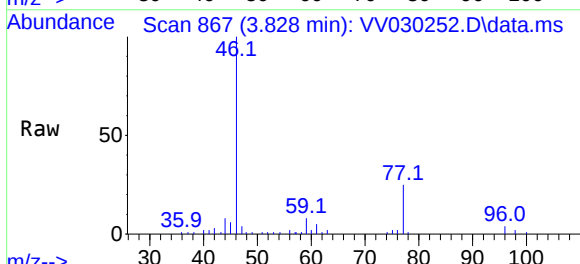
Tgt Ion: 96 Resp: 1785

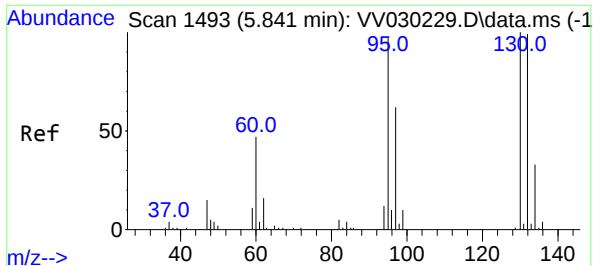
Ion Ratio Lower Upper

96 100

61 122.5 83.4 154.8

68 0.0 0.0 0.0



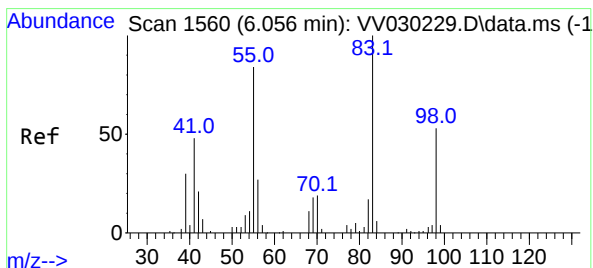
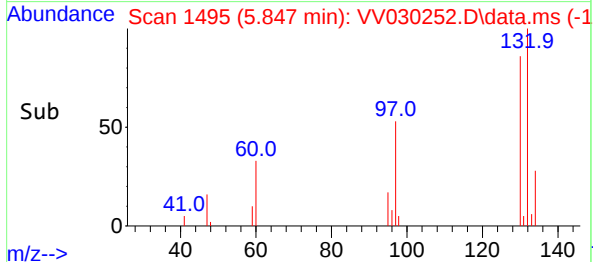
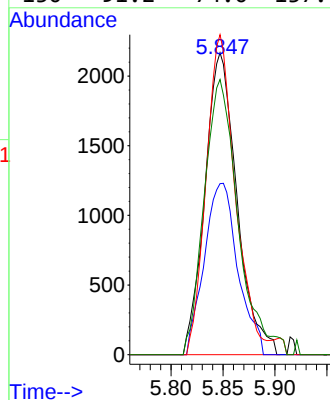
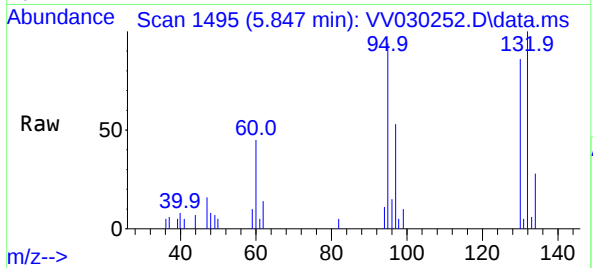


#34
Trichloroethene
Concen: 0.535 ug/L
RT: 5.847 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV030252.D
Acq: 20 Mar 2023 12:42

Instrument :
MSVOA_V
ClientSampleId :
COMA2

Tgt Ion: 95 Resp: 4651

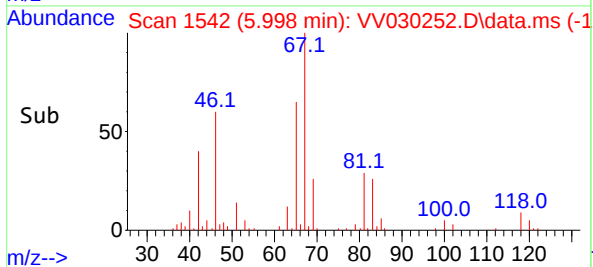
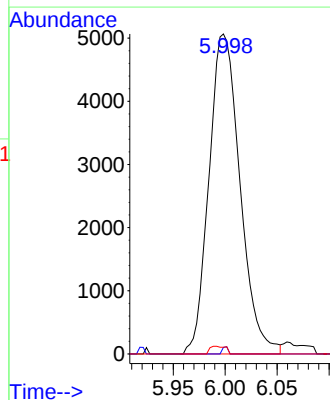
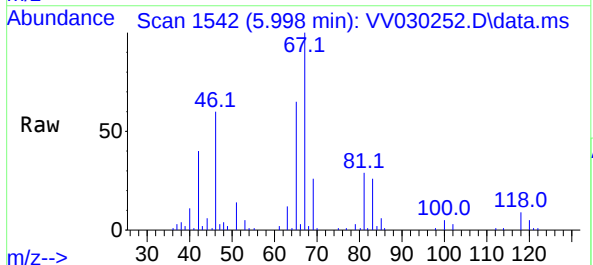
Ion	Ratio	Lower	Upper
95	100		
97	56.7	46.5	86.5
132	106.0	71.7	133.3
130	91.2	74.0	137.4

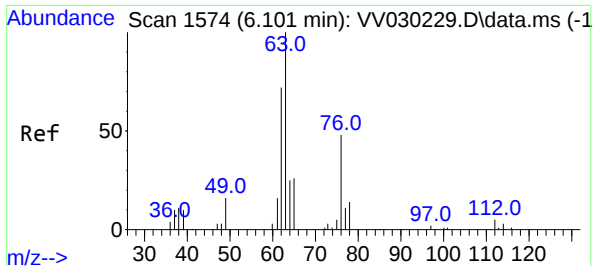


#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030252.D
Acq: 20 Mar 2023 12:42

Tgt Ion: 83 Resp: 10532

Ion	Ratio	Lower	Upper
83	100		
55	0.4	57.6	86.4#
98	1.2	38.8	58.2#

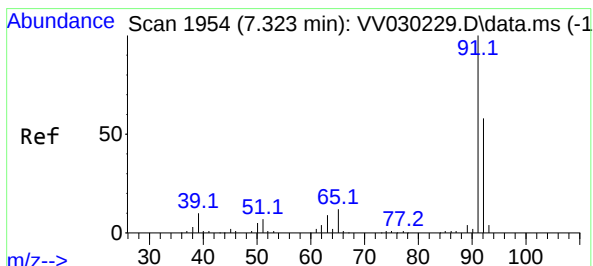
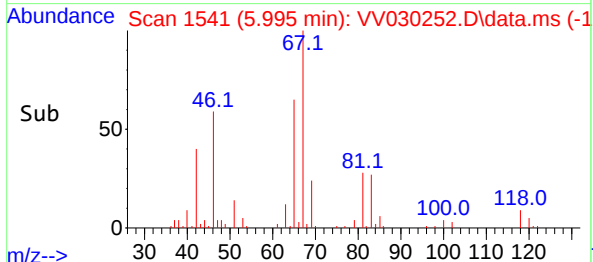
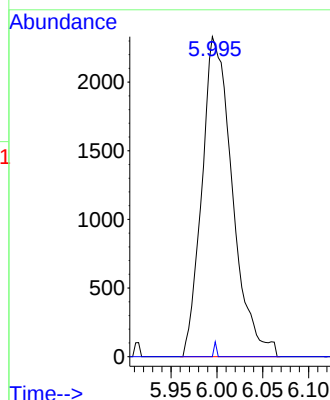
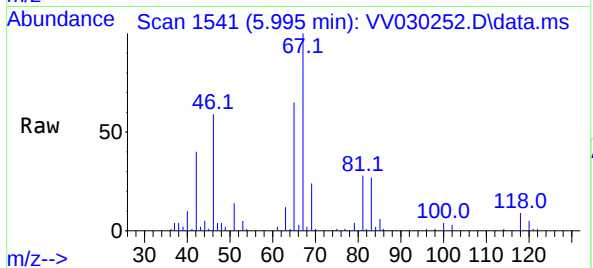




#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV030252.D
Acq: 20 Mar 2023 12:42

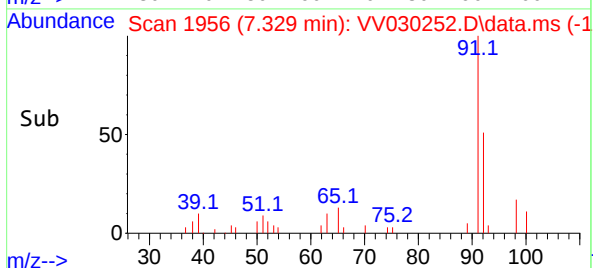
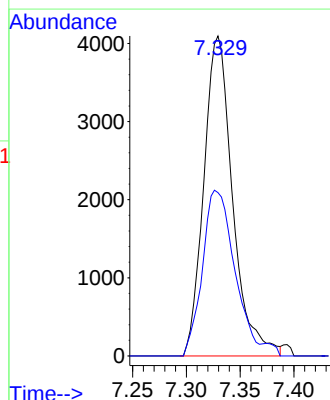
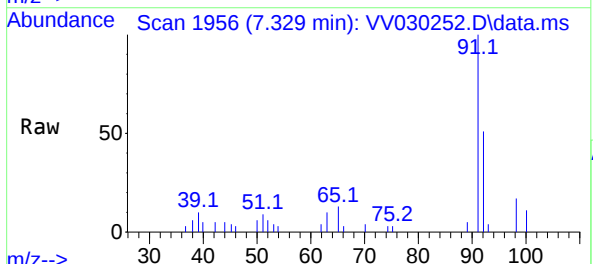
Instrument :
MSVOA_V
ClientSampleId :
COMA2

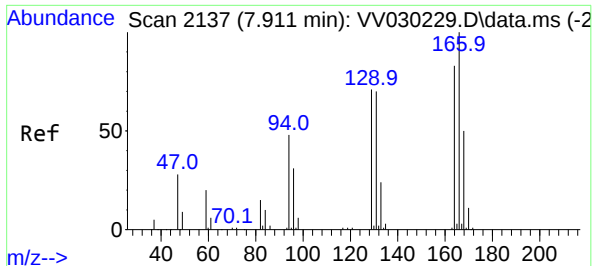
Tgt Ion: 63 Resp: 5390
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.6#



#42
Toluene
Concen: 0.227 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VV030252.D
Acq: 20 Mar 2023 12:42

Tgt Ion: 91 Resp: 7631
Ion Ratio Lower Upper
91 100
92 51.0 39.6 73.6



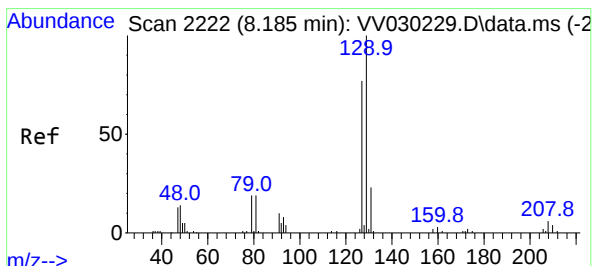
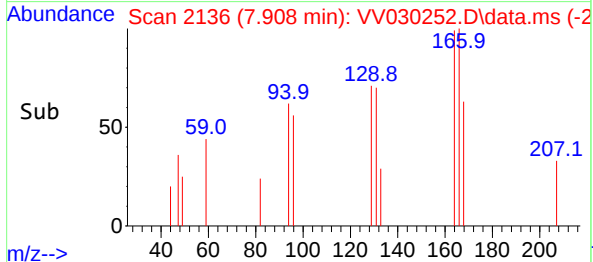
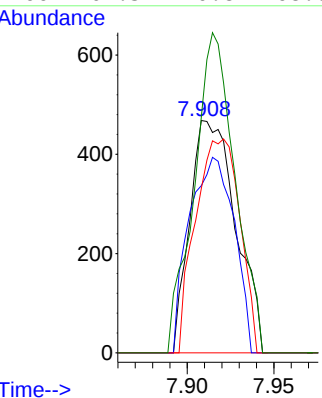
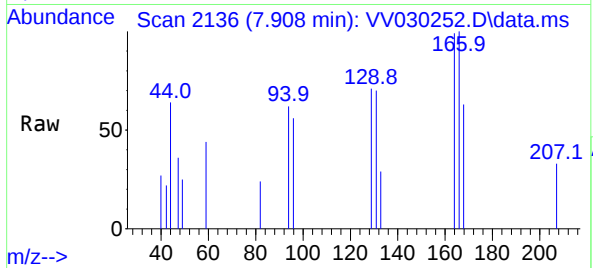


#47
Tetrachloroethene
Concen: 0.116 ug/L
RT: 7.908 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030252.D
Acq: 20 Mar 2023 12:42

Instrument :
MSVOA_V
ClientSampleId :
COMA2

Tgt Ion:164 Resp: 863

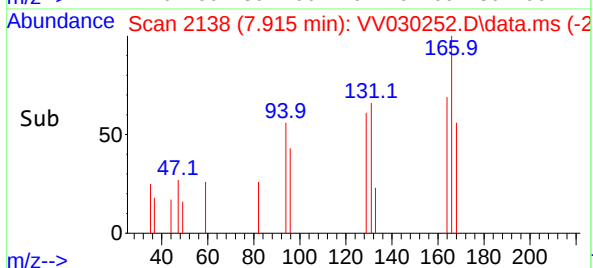
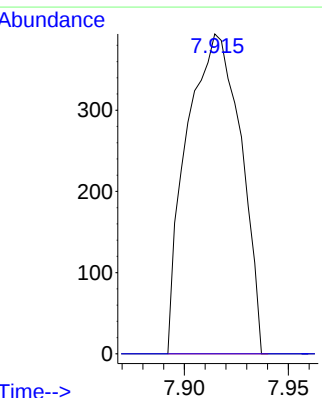
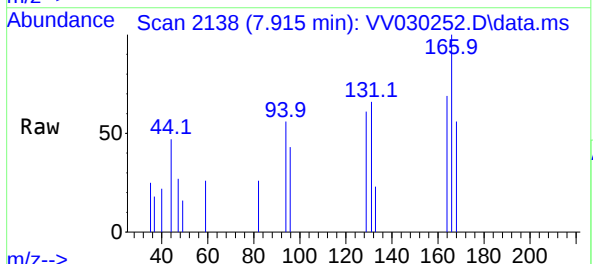
Ion	Ratio	Lower	Upper
164	100		
129	72.0	63.6	118.2
131	70.7	61.7	114.7
166	101.5	90.8	168.6

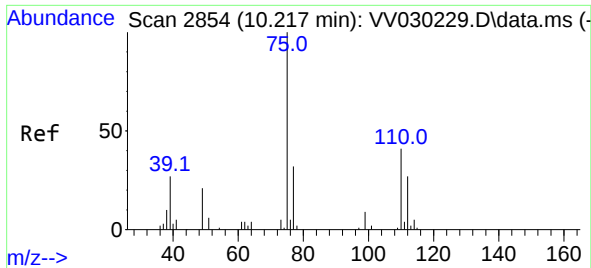


#49
Dibromochloromethane
Concen: 0.107 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030252.D
Acq: 20 Mar 2023 12:42

Tgt Ion:129 Resp: 710

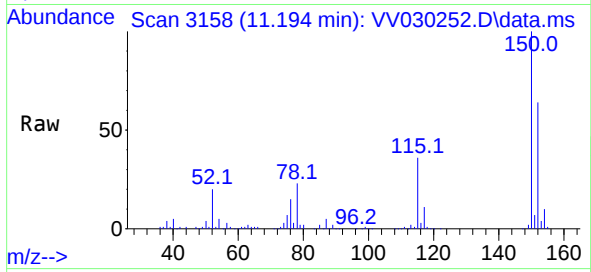
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.606 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030252.D
 Acq: 20 Mar 2023 12:42

Instrument :
 MSVOA_V
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Tgt Ion: 75 Resp: 5919

Ion	Ratio	Lower	Upper
75	100		
77	39.6	26.5	39.7
110	1.2	31.8	47.6#

