

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032023\
 Data File : VW030258.D
 Acq On : 20 Mar 2023 15:07
 Operator : SY/MD
 Sample : 01997-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC9

Quant Time: Mar 21 02:56:41 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

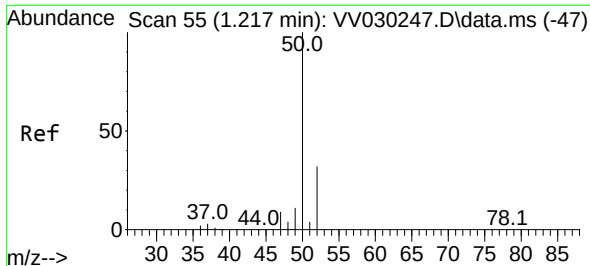
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	119898	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	116433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57865	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	27205	3.507	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.536	69	26802	3.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.066	63	48083	3.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	3.822	46	70131	49.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.060%
24) Chloroform-d	4.259	84	64625	4.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	4.953	65	33977	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	4.970	84	113570	3.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
36) 1,2-Dichloropropane-d6	5.998	67	35639	3.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.600%
41) Toluene-d8	7.252	98	100206	3.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	7.564	79	12927	4.009	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.034	63	54709	41.009	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.020%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	27105	4.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	42309	4.322	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3259	0.212	ug/L	99
27) 1,2-Dichloroethane	4.973	62	832	0.107	ug/L #	71
35) Methylcyclohexane	5.998	83	8924	0.662	ug/L #	20
37) 1,2-Dichloropropane	6.002	63	4718	0.583	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	1147	0.097	ug/L #	72
47) Tetrachloroethene	7.915	164	9909	1.296	ug/L	95
49) Dibromochloromethane	7.915	129	8778	1.296	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6517	1.683	ug/L #	63

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

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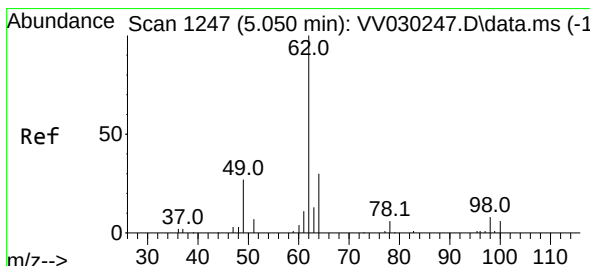
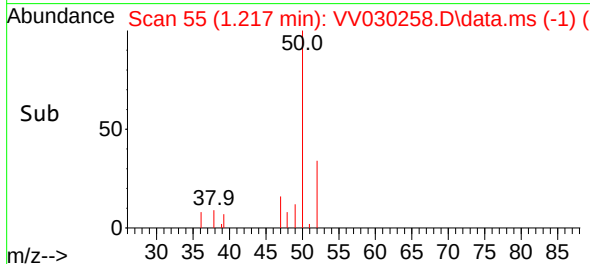
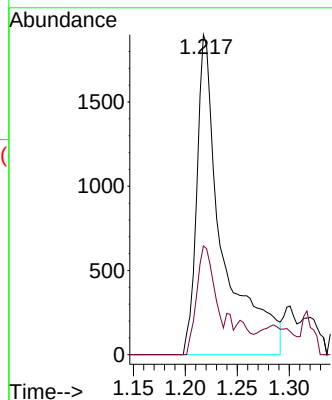
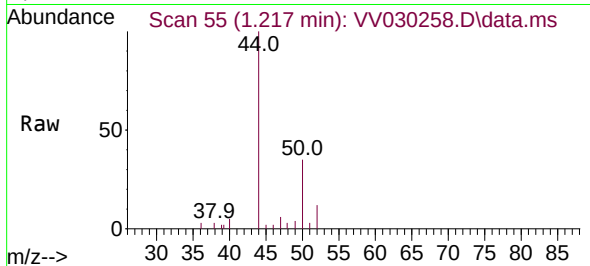




#3
Chloromethane
Concen: 0.212 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030258.D
Acq: 20 Mar 2023 15:07

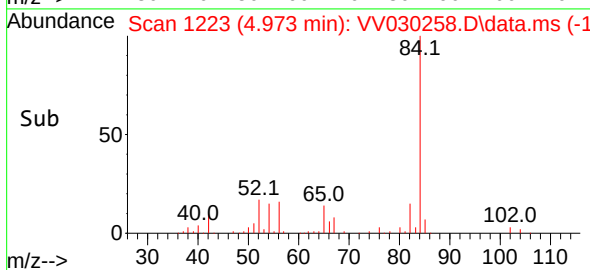
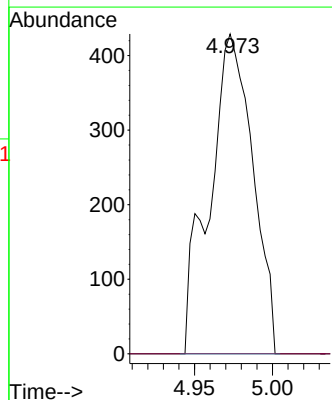
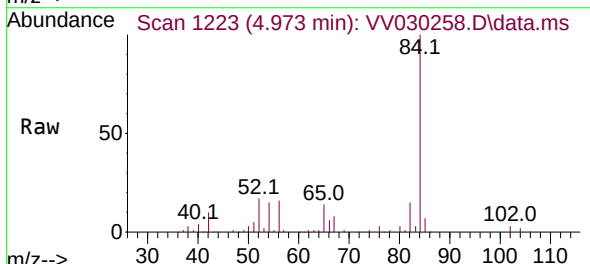
Instrument :
MSVOA_V
ClientSampleId :
C0BC9

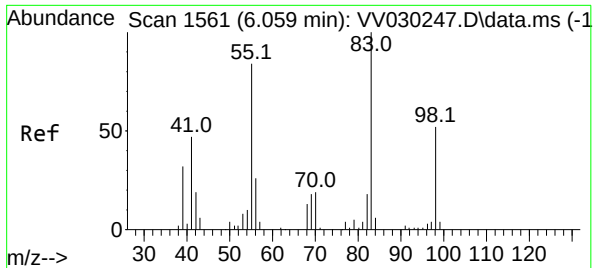
Tgt Ion: 50 Resp: 3259
Ion Ratio Lower Upper
50 100
52 34.0 23.6 43.8



#27
1,2-Dichloroethane
Concen: 0.107 ug/L
RT: 4.973 min Scan# 1223
Delta R.T. -0.077 min
Lab File: VV030258.D
Acq: 20 Mar 2023 15:07

Tgt Ion: 62 Resp: 832
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

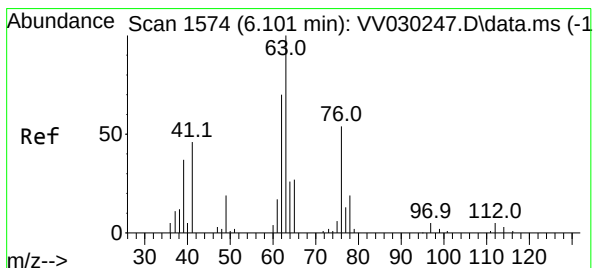
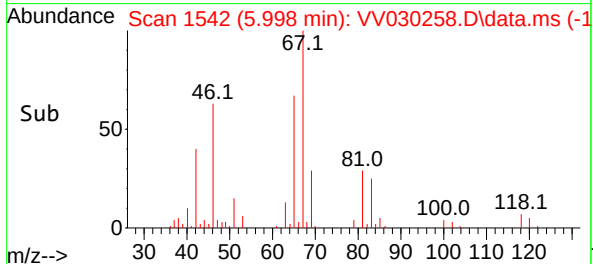
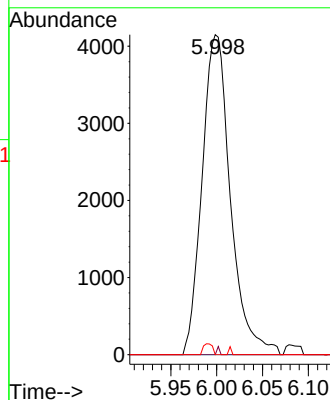
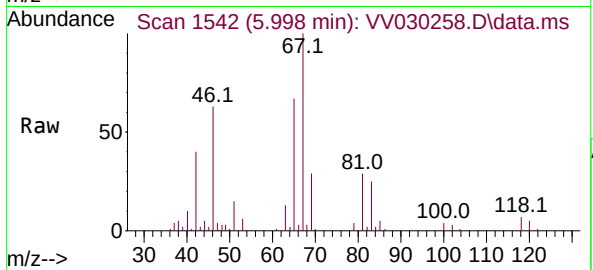




#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030258.D
Acq: 20 Mar 2023 15:07

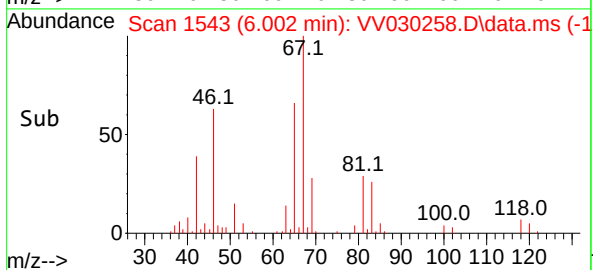
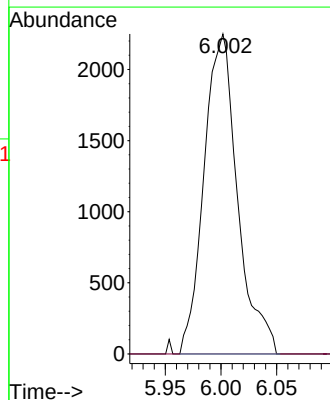
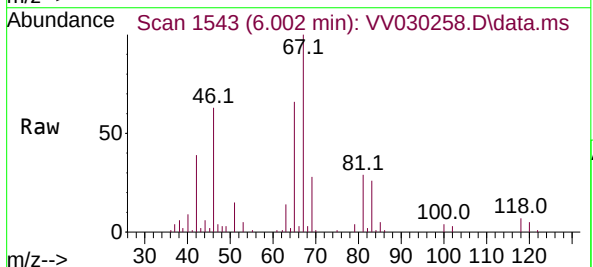
Instrument :
MSVOA_V
ClientSampleId :
C0BC9

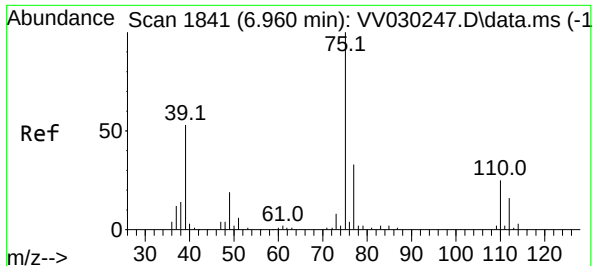
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.6	86.4#
98	1.1	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.100 min
Lab File: VV030258.D
Acq: 20 Mar 2023 15:07

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





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV030258.D

Acq: 20 Mar 2023 15:07

Instrument :

MSVOA_V

ClientSampleId :

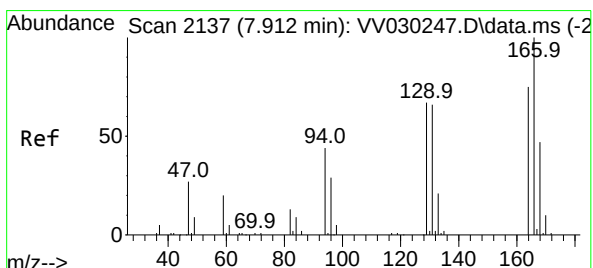
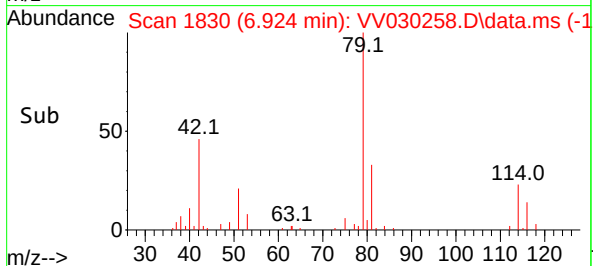
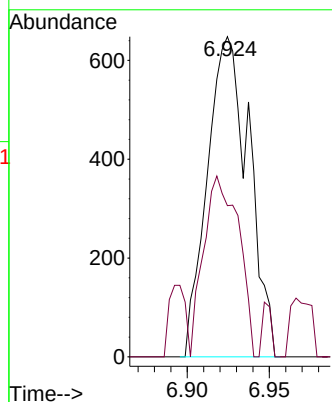
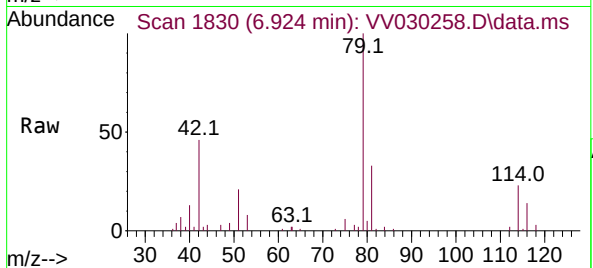
C0BC9

Tgt Ion: 75 Resp: 1147

Ion Ratio Lower Upper

75 100

77 47.2 22.3 41.3#



#47

Tetrachloroethene

Concen: 1.296 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030258.D

Acq: 20 Mar 2023 15:07

Tgt Ion: 164 Resp: 9909

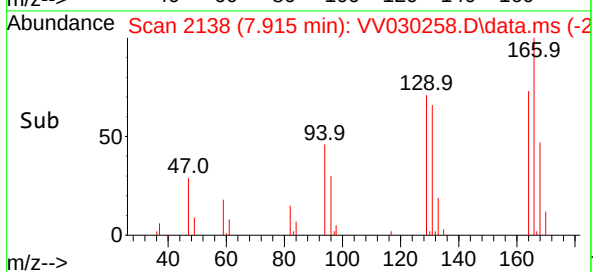
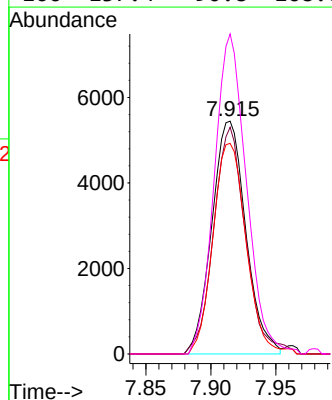
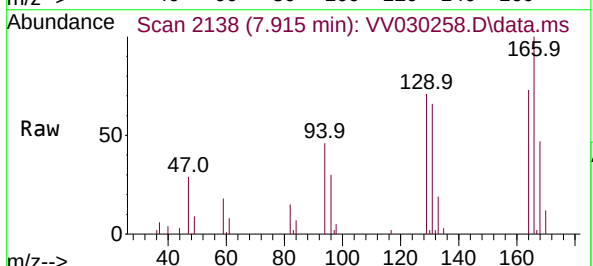
Ion Ratio Lower Upper

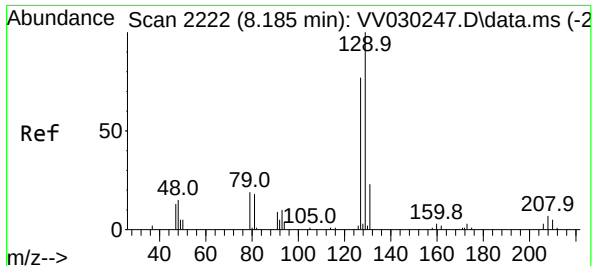
164 100

129 97.4 63.6 118.2

131 90.4 61.7 114.7

166 137.4 90.8 168.6





#49

Dibromochloromethane

Concen: 1.296 ug/L

RT: 7.915 min Scan# 21

Delta R.T. -0.270 min

Lab File: VV030258.D

Acq: 20 Mar 2023 15:07

Instrument :

MSVOA_V

ClientSampleId :

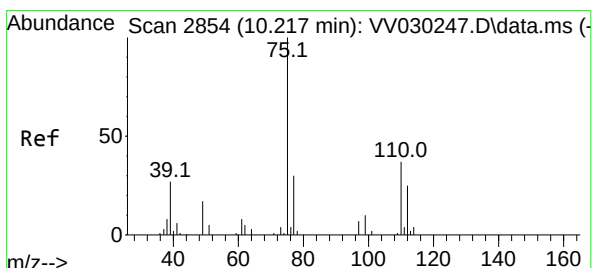
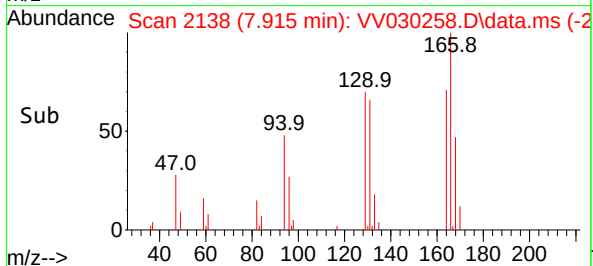
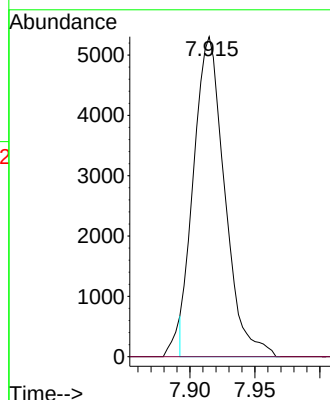
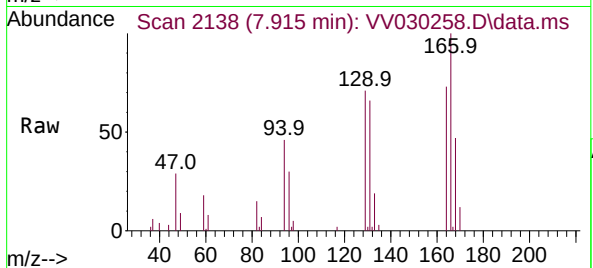
C0BC9

Tgt Ion:129 Resp: 8778

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.683 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV030258.D

Acq: 20 Mar 2023 15:07

Tgt Ion: 75 Resp: 6517

Ion Ratio Lower Upper

75 100

77 38.4 26.5 39.7

110 2.7 31.8 47.6#

