

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031023\
 Data File : VV030163.D
 Acq On : 10 Mar 2023 18:28
 Operator : SY/MD
 Sample : 01868-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBD0

Quant Time: Mar 11 00:10:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 11 00:01:55 2023
 Response via : Initial Calibration

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

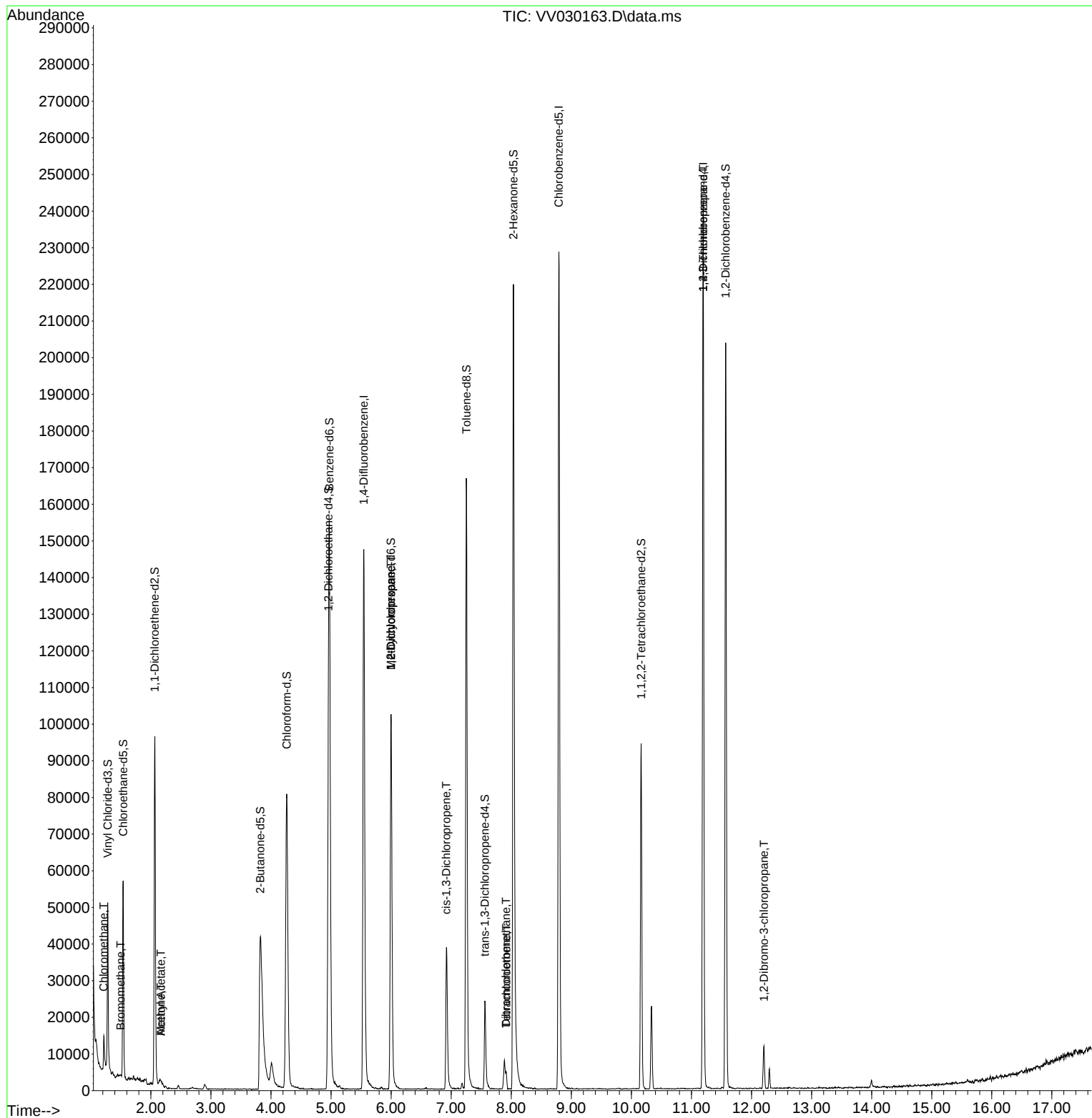
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	138121	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	138555	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68621	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	29058	3.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.539	69	35517	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.066	63	49679	2.704	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.000%#
20) 2-Butanone-d5	3.822	46	97197	58.988	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.980%
24) Chloroform-d	4.262	84	93513	5.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	4.957	65	40868	5.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	4.973	84	149262	4.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	5.998	67	53727	4.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.252	98	120187	3.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	7.561	79	16155	4.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.037	63	86888	54.731	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.460%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46329	5.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	11.571	152	57579	4.959	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	6150	0.347	ug/L	91
6) Bromomethane	1.497	94	176	0.083	ug/L	87
13) Acetone	2.166	43	2685	2.205	ug/L	84
15) Methyl Acetate	2.166	43	2685	0.944	ug/L #	50
35) Methylcyclohexane	5.998	83	13332	0.831	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	5609	0.583	ug/L #	86
39) cis-1,3-Dichloropropene	6.918	75	931	0.066	ug/L #	22
47) Tetrachloroethene	7.918	164	1067	0.117	ug/L	87
49) Dibromochloromethane	7.915	129	975	0.121	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6541	1.424	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.207	75	236	0.230	ug/L #	1

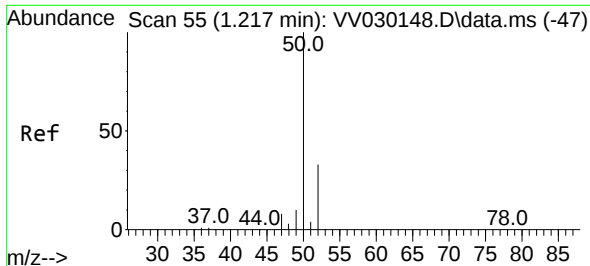
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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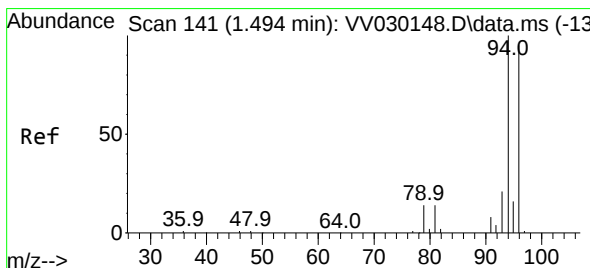
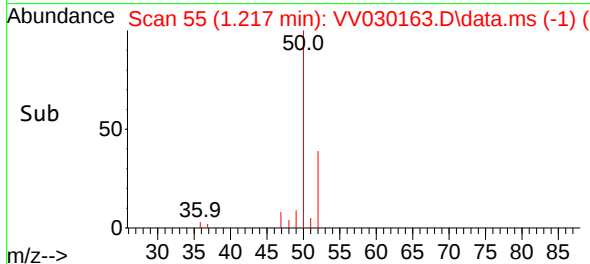
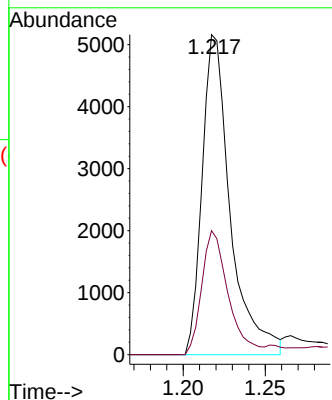
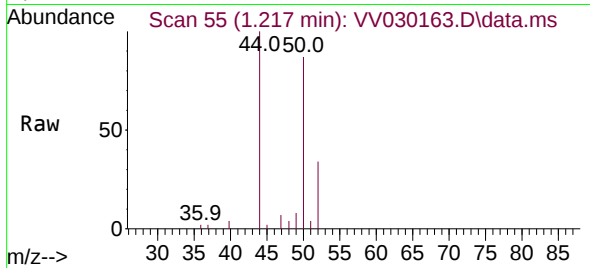




#3
Chloromethane
Concen: 0.347 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030163.D
Acq: 10 Mar 2023 18:28

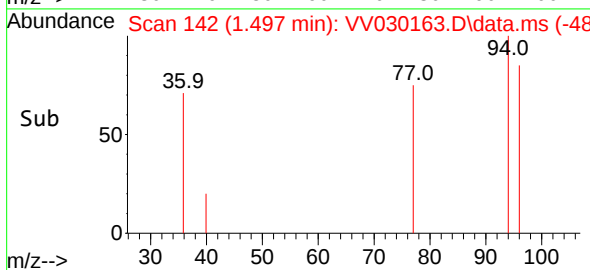
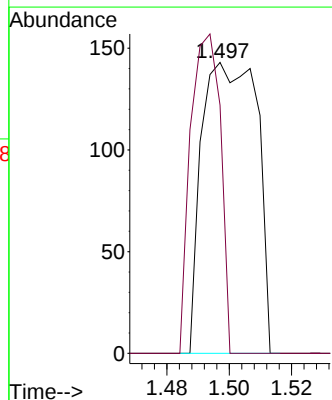
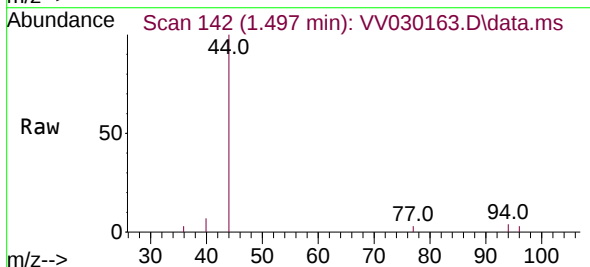
Instrument :
MSVOA_V
ClientSampleId :
COBD0

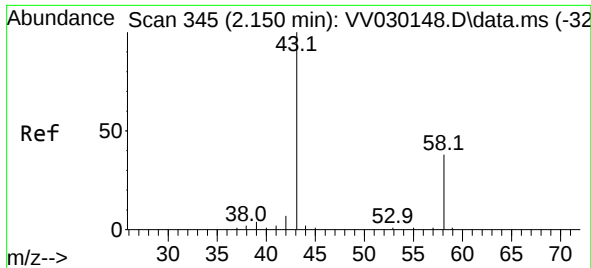
Tgt Ion: 50 Resp: 6150
Ion Ratio Lower Upper
50 100
52 38.7 23.6 43.8



#6
Bromomethane
Concen: 0.083 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.003 min
Lab File: VV030163.D
Acq: 10 Mar 2023 18:28

Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 85.3 68.4 127.0





#13

Acetone

Concen: 2.205 ug/L

RT: 2.166 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV030163.D

Acq: 10 Mar 2023 18:28

Instrument :

MSVOA_V

ClientSampleId :

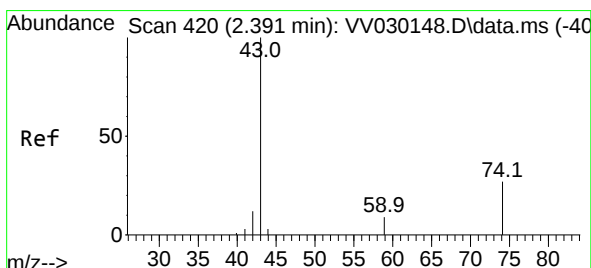
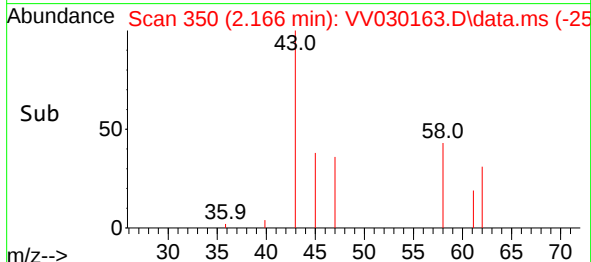
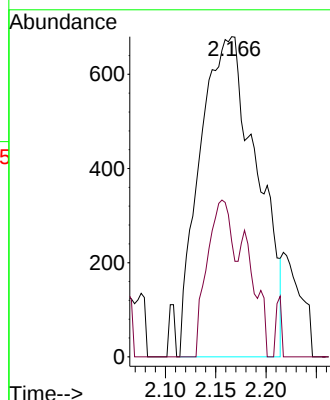
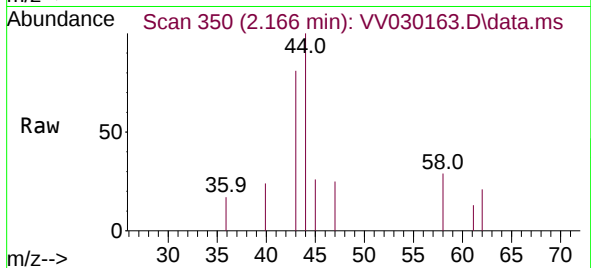
COBD0

Tgt Ion: 43 Resp: 2685

Ion Ratio Lower Upper

43 100

58 21.5 0.0 29.4



#15

Methyl Acetate

Concen: 0.944 ug/L

RT: 2.166 min Scan# 350

Delta R.T. -0.225 min

Lab File: VV030163.D

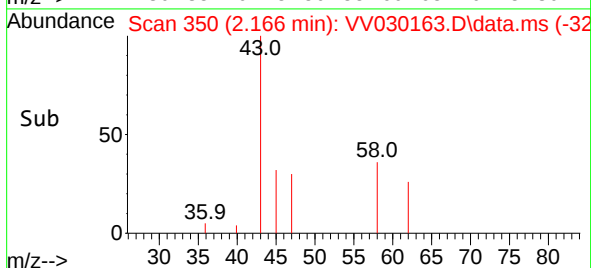
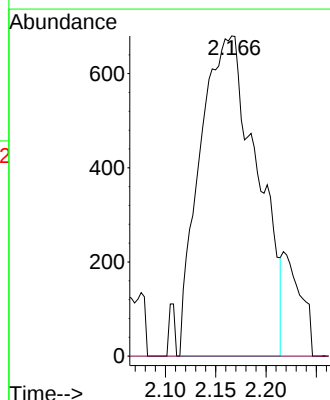
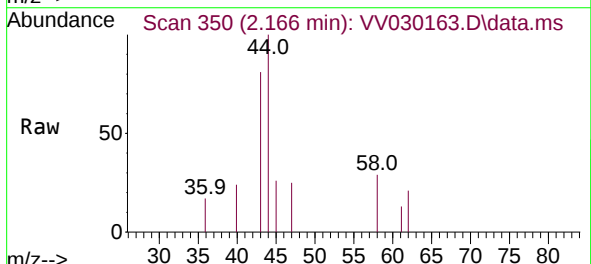
Acq: 10 Mar 2023 18:28

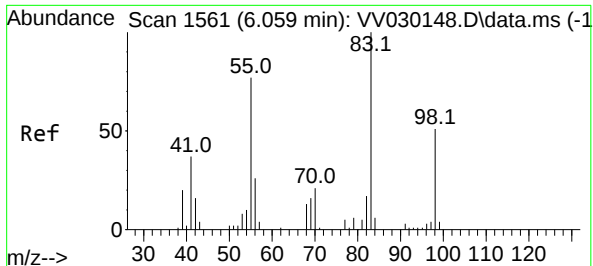
Tgt Ion: 43 Resp: 2685

Ion Ratio Lower Upper

43 100

74 0.0 20.1 30.1#





#35

Methylcyclohexane

Concen: 0.831 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030163.D

Acq: 10 Mar 2023 18:28

Instrument :

MSVOA_V

ClientSampleId :

COBD0

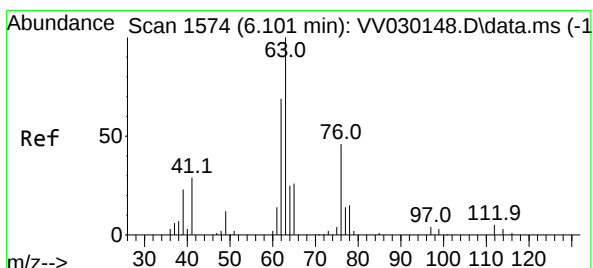
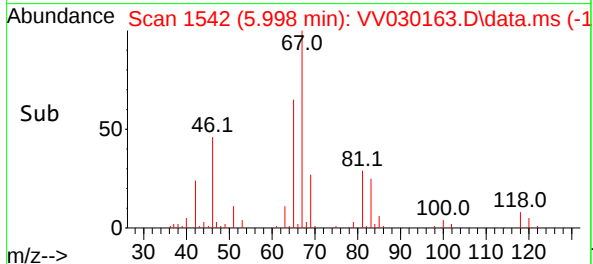
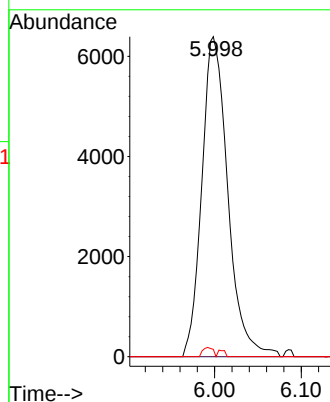
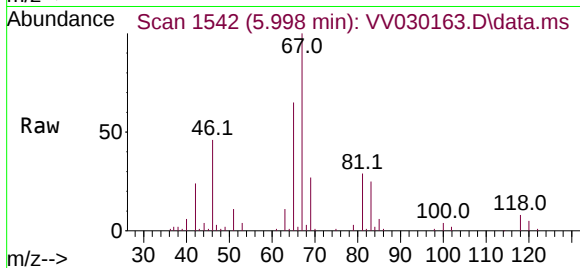
Tgt Ion: 83 Resp: 13332

Ion Ratio Lower Upper

83 100

55 0.0 57.6 86.4#

98 0.5 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.103 min

Lab File: VV030163.D

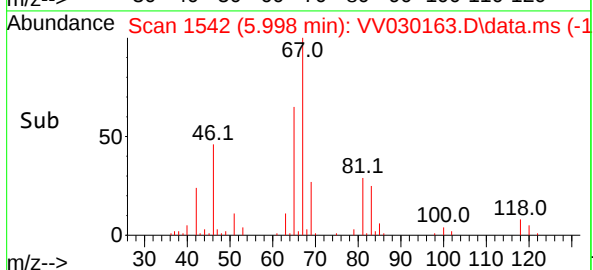
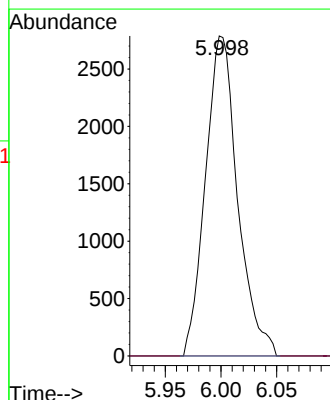
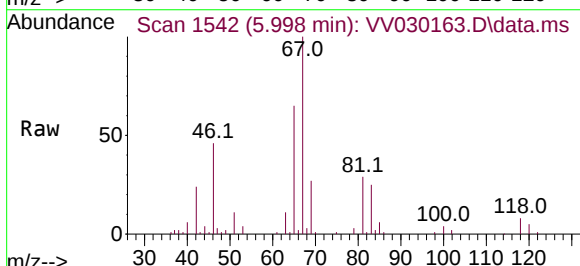
Acq: 10 Mar 2023 18:28

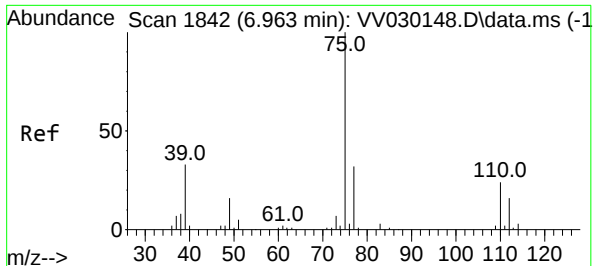
Tgt Ion: 63 Resp: 5609

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV030163.D

Acq: 10 Mar 2023 18:28

Instrument :

MSVOA_V

ClientSampleId :

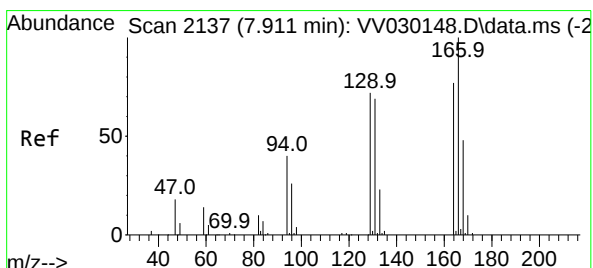
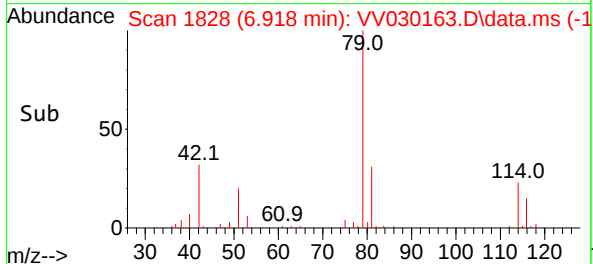
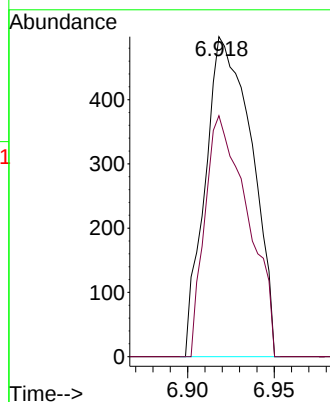
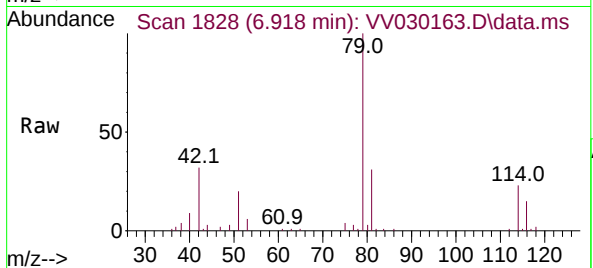
COBD0

Tgt Ion: 75 Resp: 931

Ion Ratio Lower Upper

75 100

77 75.3 22.3 41.3#



#47

Tetrachloroethene

Concen: 0.117 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.007 min

Lab File: VV030163.D

Acq: 10 Mar 2023 18:28

Tgt Ion: 164 Resp: 1067

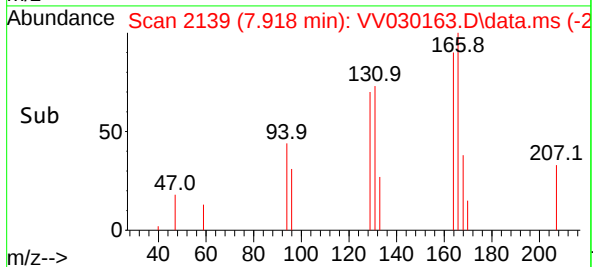
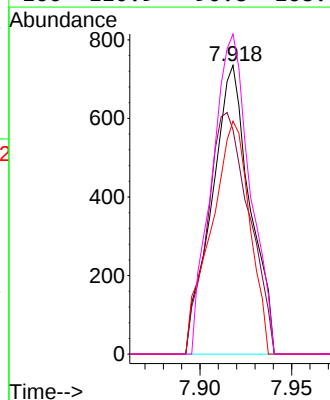
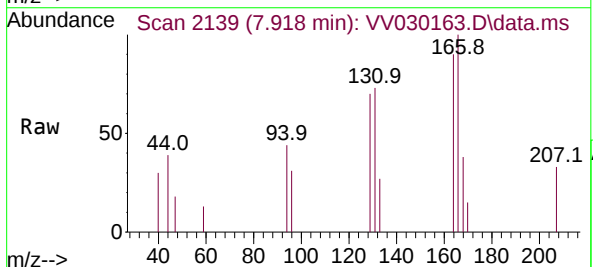
Ion Ratio Lower Upper

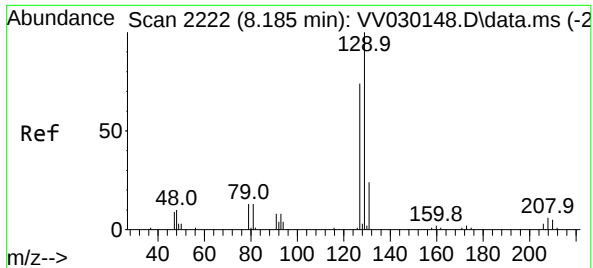
164 100

129 77.7 63.6 118.2

131 80.7 61.7 114.7

166 110.9 90.8 168.6





#49

Dibromochloromethane

Concen: 0.121 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030163.D

Acq: 10 Mar 2023 18:28

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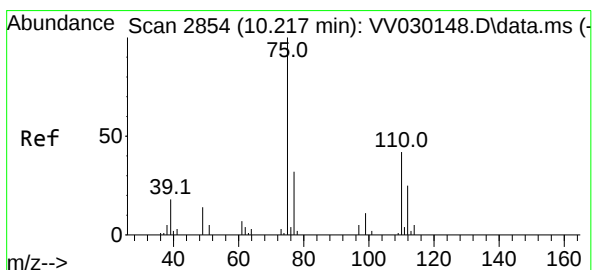
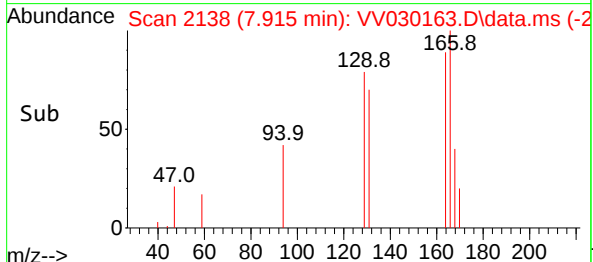
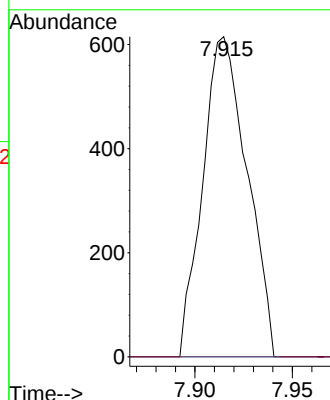
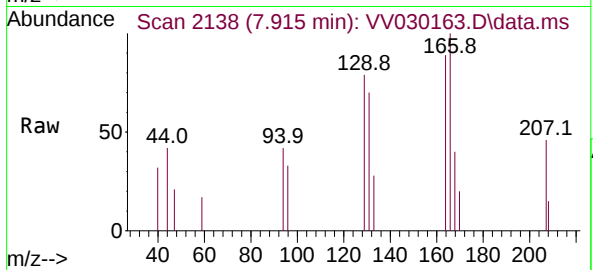
COBD0

Tgt Ion:129 Resp: 975

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.424 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV030163.D

Acq: 10 Mar 2023 18:28

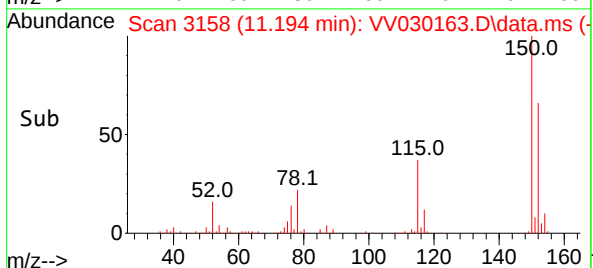
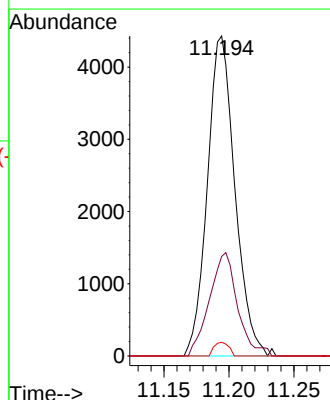
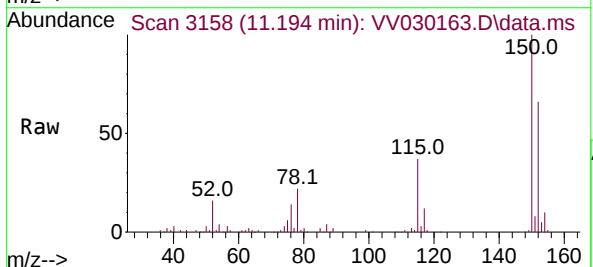
Tgt Ion: 75 Resp: 6541

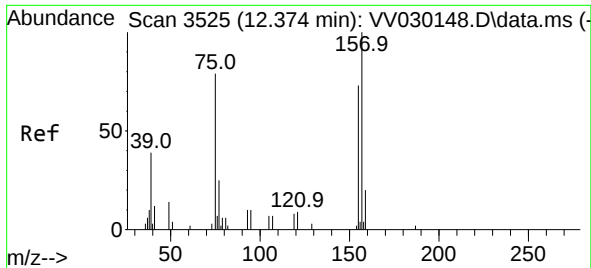
Ion Ratio Lower Upper

75 100

77 33.0 26.5 39.7

110 2.2 31.8 47.6#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.230 ug/L

RT: 12.207 min Scan# 34

Delta R.T. -0.167 min

Lab File: VV030163.D

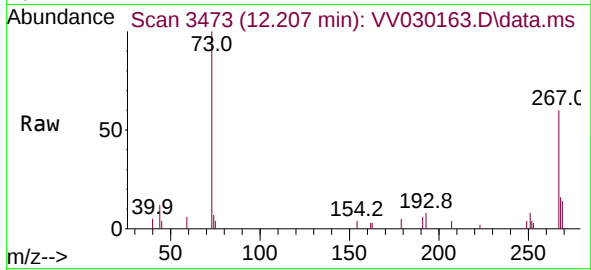
Acq: 10 Mar 2023 18:28

Instrument :

MSVOA_V

ClientSampleId :

C0BD0



Tgt Ion: 75 Resp: 236

Ion Ratio Lower Upper

75 100

155 0.0 79.1 118.7#

157 0.0 95.5 143.3#

