

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032123\
 Data File : VV030287.D
 Acq On : 21 Mar 2023 19:24
 Operator : SY/MD
 Sample : 01996-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Mar 22 06:09:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

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

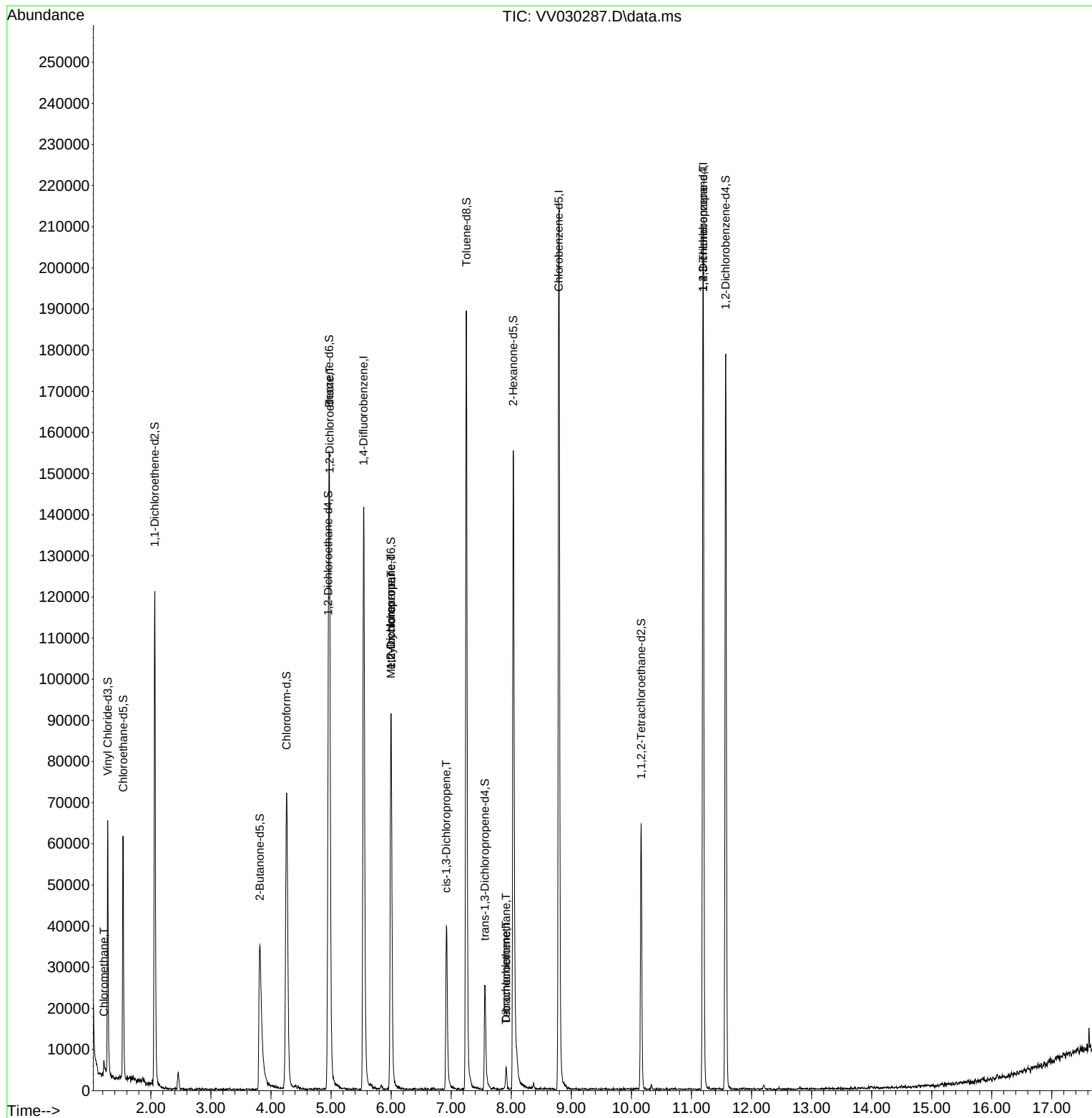
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124754	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	121283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	39359	4.876	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.539	69	36674	4.840	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.066	63	63289	3.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.815	46	67582	45.410	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.820%
24) Chloroform-d	4.259	84	75916	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.953	65	40203	5.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.400%
32) Benzene-d6	4.970	84	140096	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.998	67	39850	4.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.252	98	126774	4.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.561	79	14905	4.437	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.034	63	55940	40.255	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.500%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	27685	3.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	11.571	152	48162	4.833	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	2146	0.134	ug/L	99
27) 1,2-Dichloroethane	4.976	62	1035	0.128	ug/L #	71
35) Methylcyclohexane	5.995	83	11208	0.798	ug/L #	21
37) 1,2-Dichloropropane	5.998	63	5643	0.670	ug/L #	86
39) cis-1,3-Dichloropropene	6.918	75	1166	0.095	ug/L #	46
47) Tetrachloroethene	7.912	164	1022	0.128	ug/L	93
49) Dibromochloromethane	7.915	129	981	0.139	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	5818	1.476	ug/L #	67

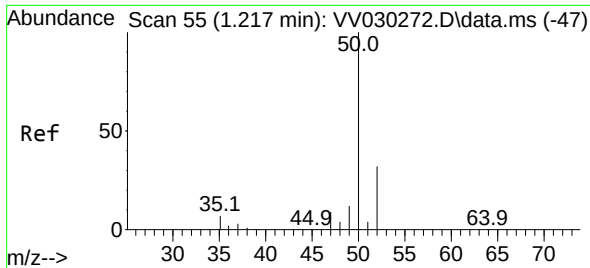
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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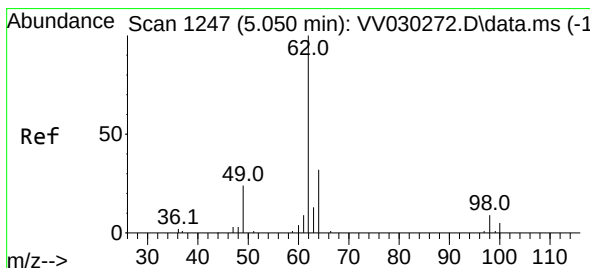
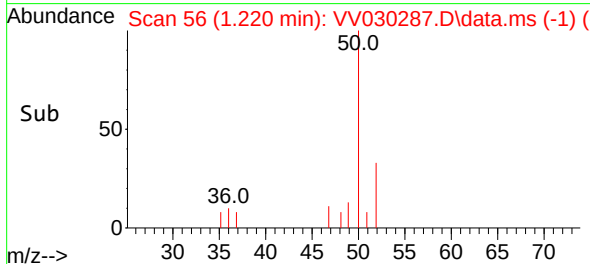
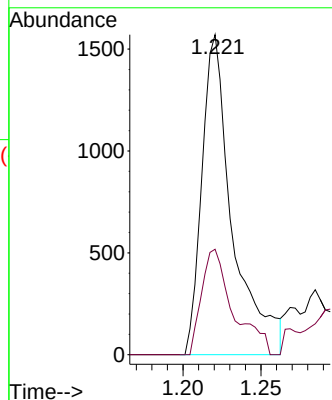
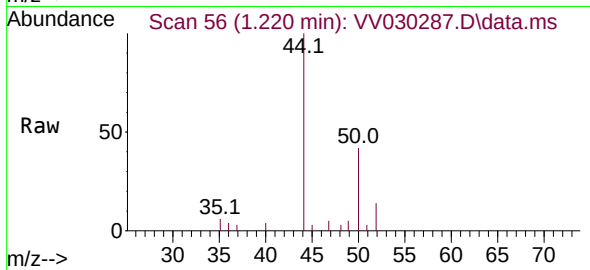




#3
Chloromethane
Concen: 0.134 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030287.D
Acq: 21 Mar 2023 19:24

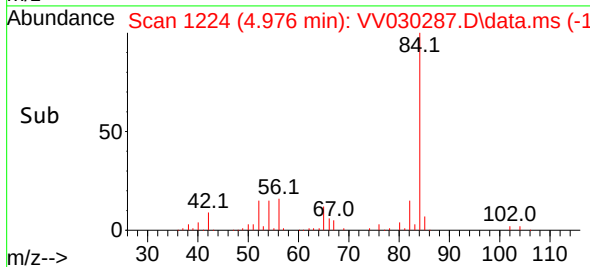
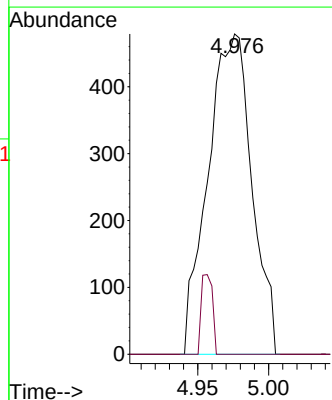
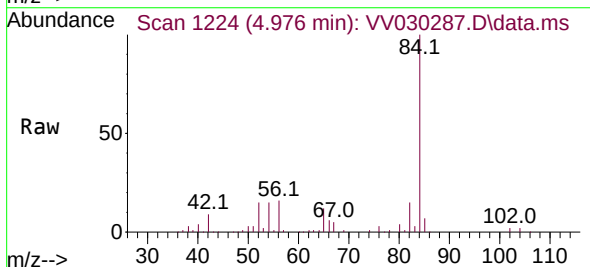
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

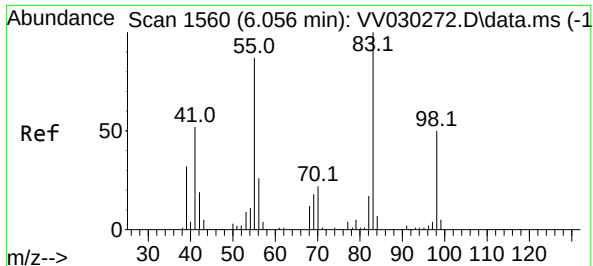
Tgt Ion: 50 Resp: 2146
Ion Ratio Lower Upper
50 100
52 33.0 23.6 43.8



#27
1,2-Dichloroethane
Concen: 0.128 ug/L
RT: 4.976 min Scan# 1224
Delta R.T. -0.074 min
Lab File: VV030287.D
Acq: 21 Mar 2023 19:24

Tgt Ion: 62 Resp: 1035
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#





#35

Methylcyclohexane

Concen: 0.798 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV030287.D

Acq: 21 Mar 2023 19:24

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

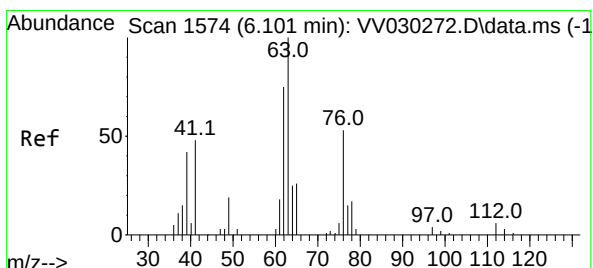
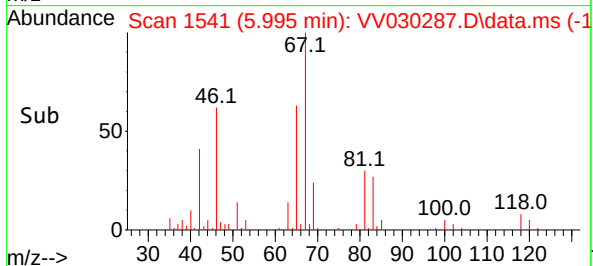
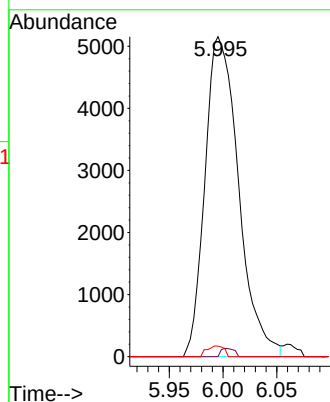
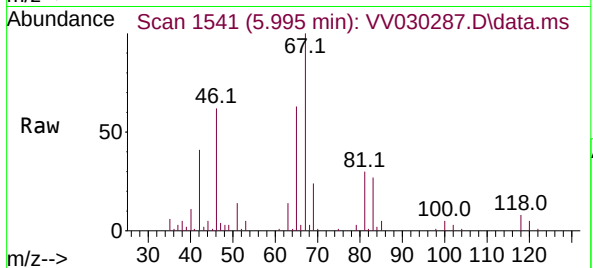
Tgt Ion: 83 Resp: 11208

Ion Ratio Lower Upper

83 100

55 1.0 57.6 86.4#

98 1.7 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.670 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.103 min

Lab File: VV030287.D

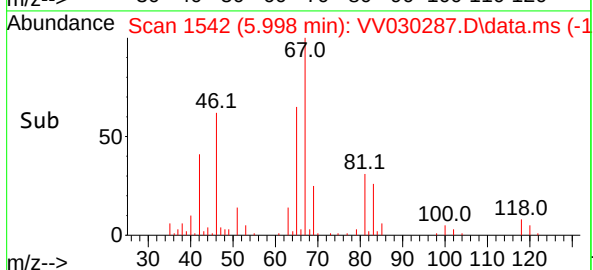
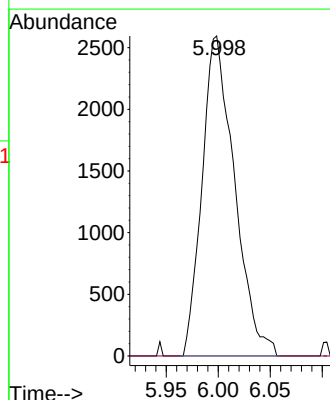
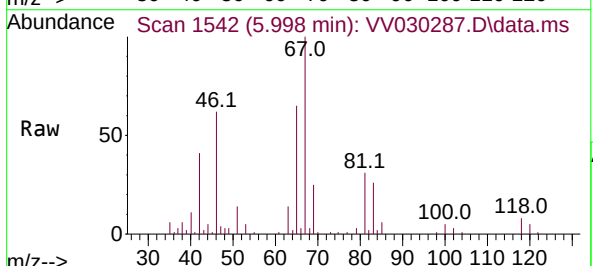
Acq: 21 Mar 2023 19:24

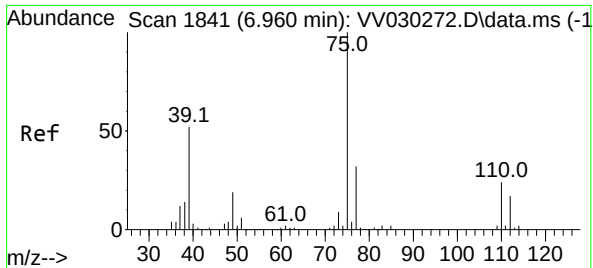
Tgt Ion: 63 Resp: 5643

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV030287.D

Acq: 21 Mar 2023 19:24

Instrument :

MSVOA_V

ClientSampleId :

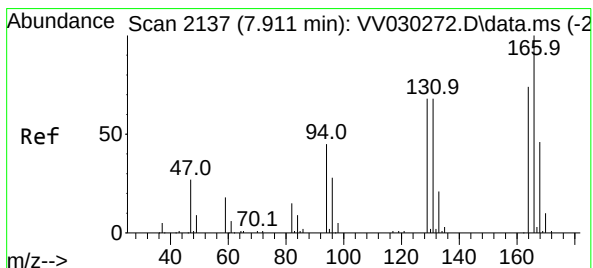
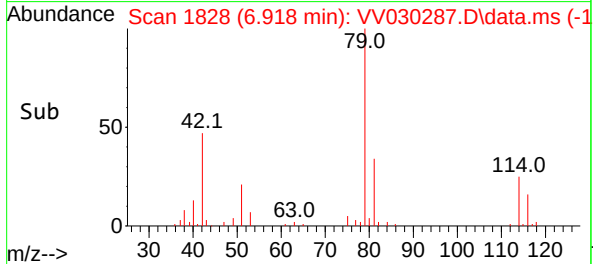
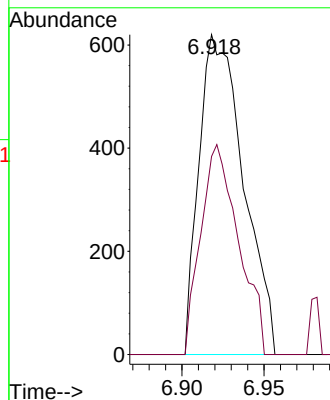
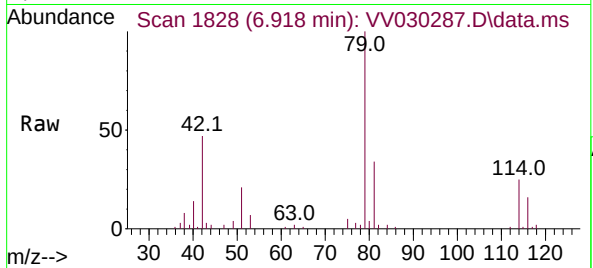
VHBLK001

Tgt Ion: 75 Resp: 1166

Ion Ratio Lower Upper

75 100

77 61.9 22.3 41.3#



#47

Tetrachloroethene

Concen: 0.128 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV030287.D

Acq: 21 Mar 2023 19:24

Tgt Ion: 164 Resp: 1022

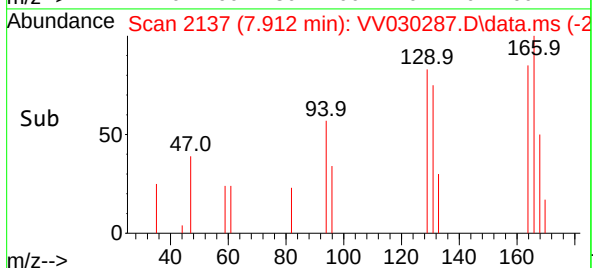
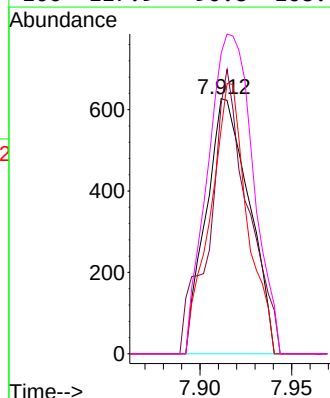
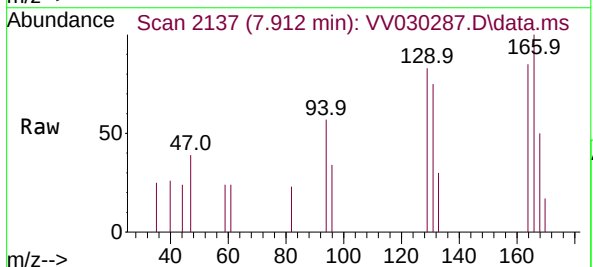
Ion Ratio Lower Upper

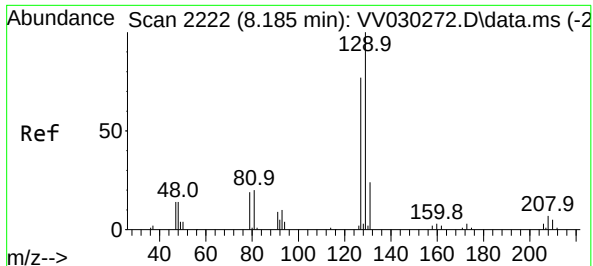
164 100

129 97.9 63.6 118.2

131 88.0 61.7 114.7

166 117.9 90.8 168.6





#49

Dibromochloromethane

Concen: 0.139 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030287.D

Acq: 21 Mar 2023 19:24

Instrument :

MSVOA_V

ClientSampleId :

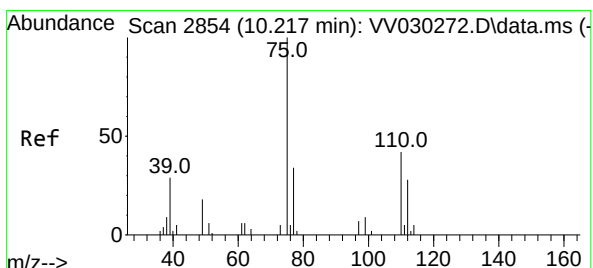
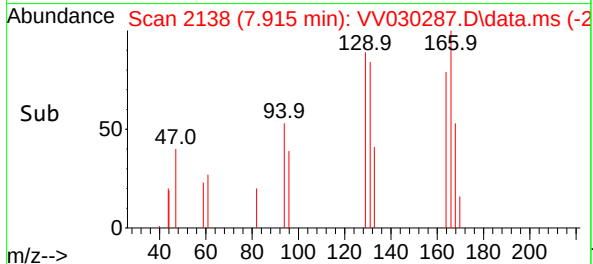
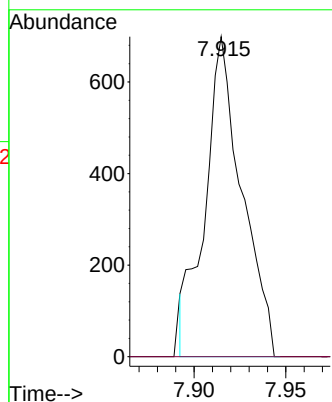
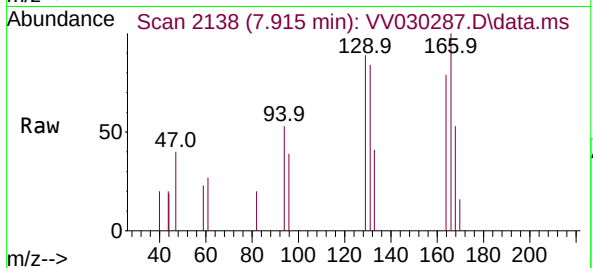
VHBLK001

Tgt Ion:129 Resp: 981

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.476 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV030287.D

Acq: 21 Mar 2023 19:24

Tgt Ion: 75 Resp: 5818

Ion Ratio Lower Upper

75 100

77 34.9 26.5 39.7

110 4.0 31.8 47.6#

