

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056973.D
 Acq On : 17 Dec 2023 17:16
 Operator : MD/SY
 Sample : 05842-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:18:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

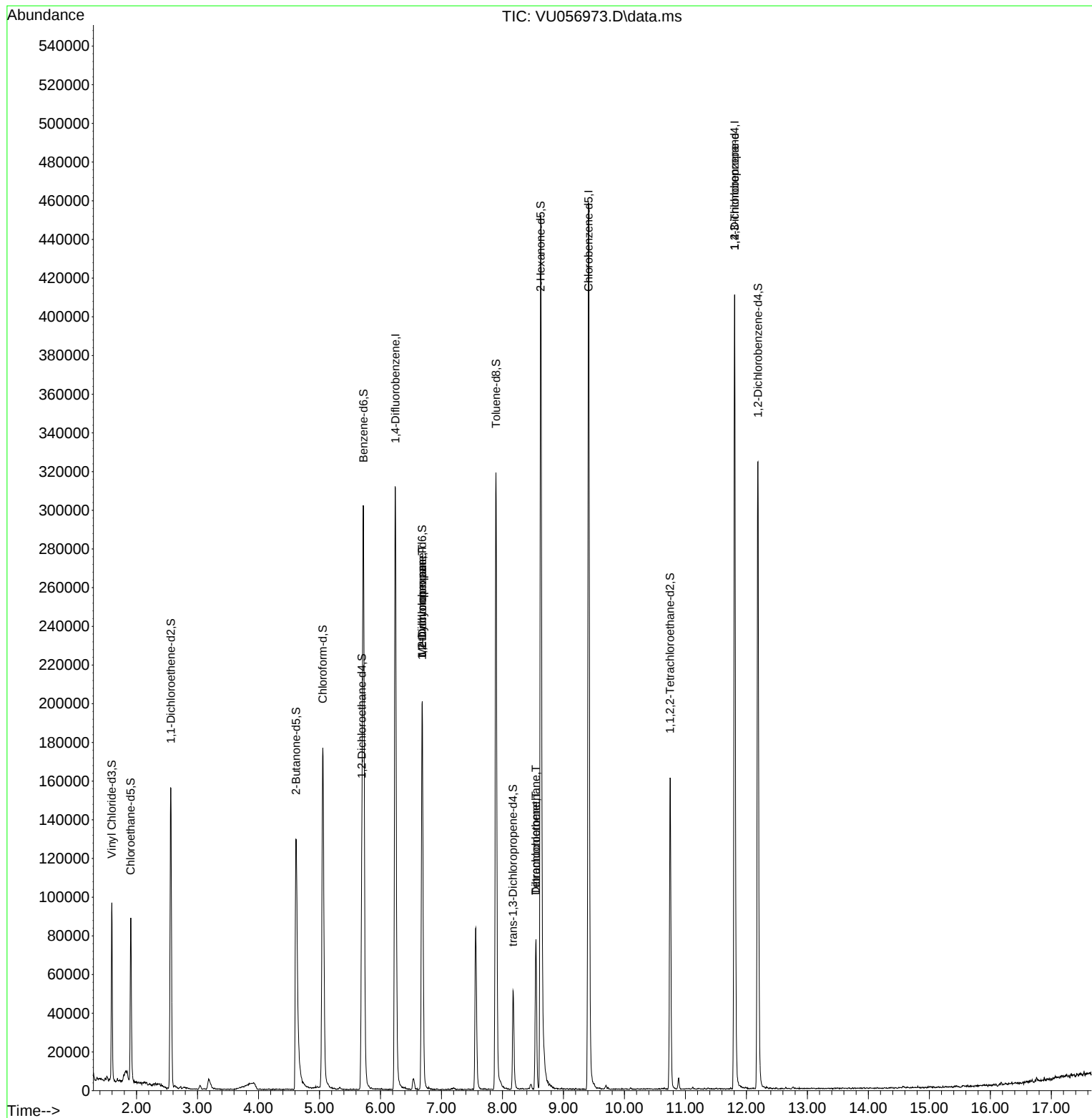
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	254715	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66626	3.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.904	69	65815	4.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.563	65	29782	3.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	4.615	46	203272	47.144	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.280%
24) Chloroform-d	5.055	84	168844	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.695	65	81010	4.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.721	84	287062	3.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	6.685	67	97394	3.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.894	98	220712	3.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.000%#
43) trans-1,3-Dichloroprop...	8.174	79	31400	3.192	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.800%
46) 2-Hexanone-d5	8.627	63	150812	40.649	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.300%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	82245	4.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	88777	4.059	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	23478	0.632	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	10334	0.440	ug/L #	88
47) Tetrachloroethene	8.550	164	17648	1.001	ug/L	92
49) Dibromochloromethane	8.550	129	18081	0.991	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13861	1.160	ug/L #	70

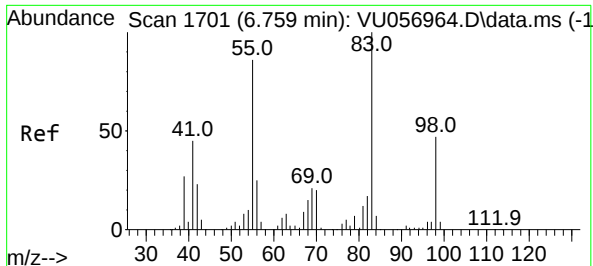
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.632 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

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ClientSampleId :

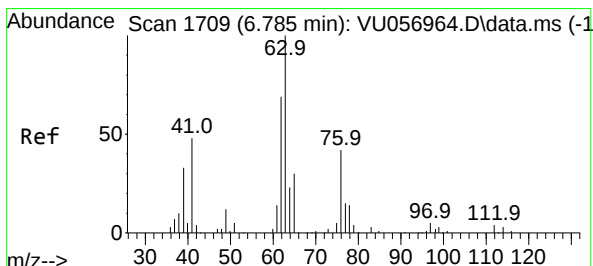
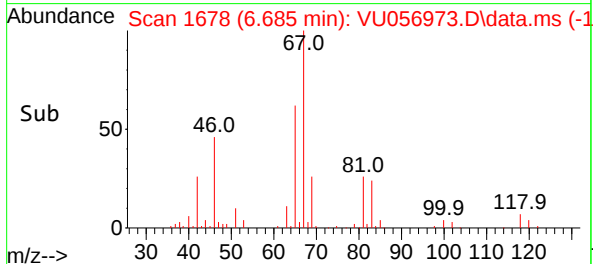
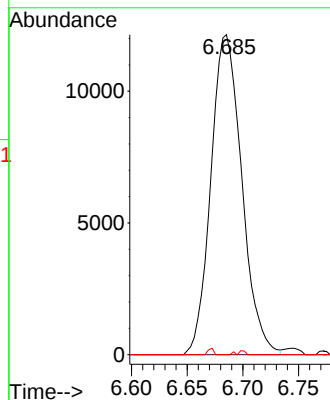
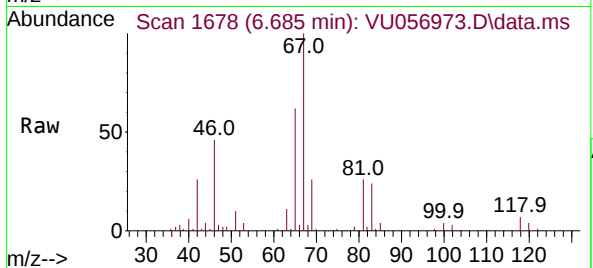
Tgt Ion: 83 Resp: 23478

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.3 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.440 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU056973.D

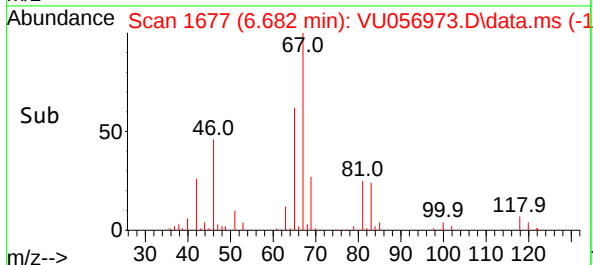
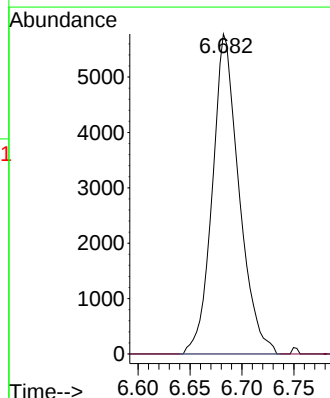
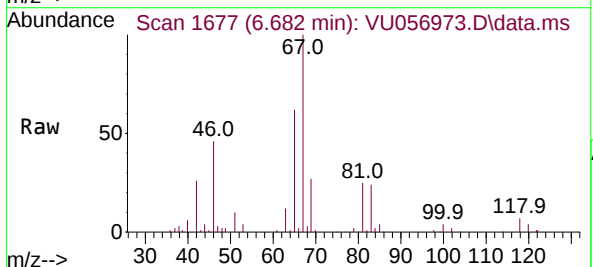
Acq: 17 Dec 2023 17:16

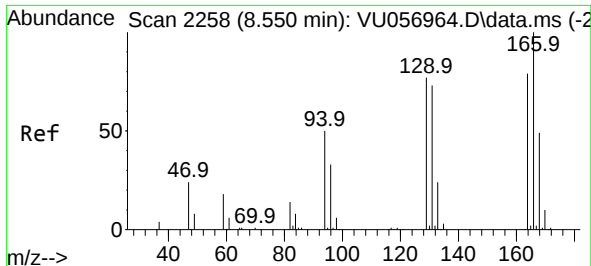
Tgt Ion: 63 Resp: 10334

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 1.001 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056973.D

Acq: 17 Dec 2023 17:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 17648

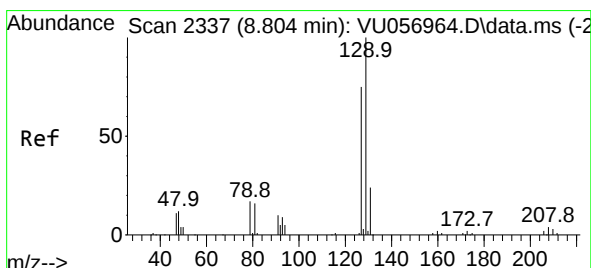
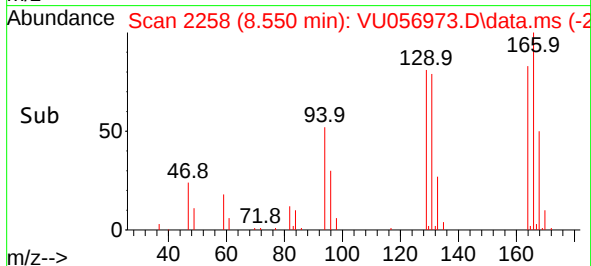
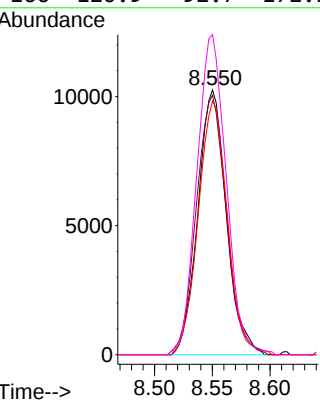
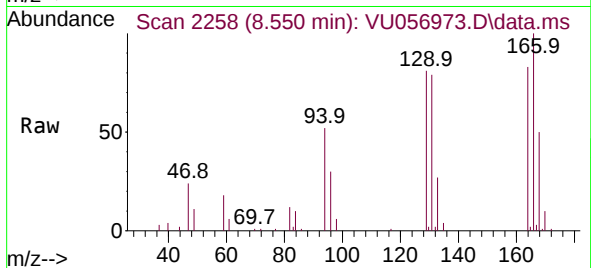
Ion Ratio Lower Upper

164 100

129 98.0 73.4 136.4

131 95.8 71.5 132.9

166 120.9 92.7 172.1



#49

Dibromochloromethane

Concen: 0.991 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU056973.D

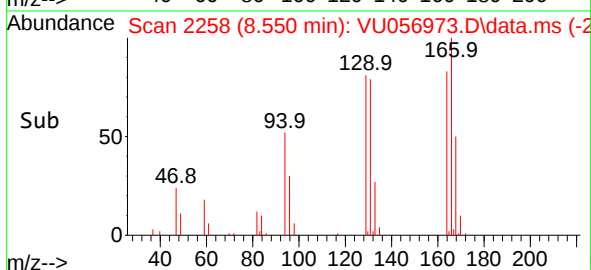
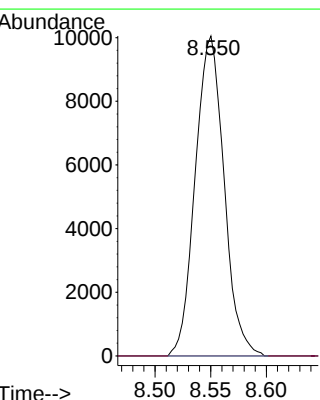
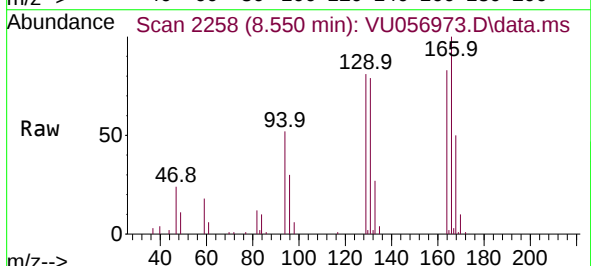
Acq: 17 Dec 2023 17:16

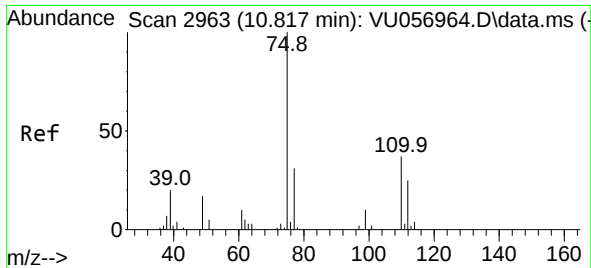
Tgt Ion:129 Resp: 18081

Ion Ratio Lower Upper

129 100

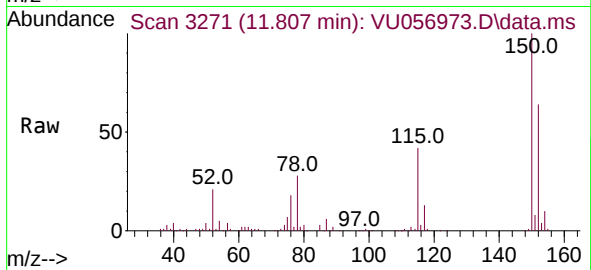
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.160 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056973.D
Acq: 17 Dec 2023 17:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	13861
Ion	Ratio	Lower	Upper
75	100		
110	2.3	28.4	42.6#
77	33.1	26.3	39.5

