

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056974.D
 Acq On : 17 Dec 2023 17:40
 Operator : MD/SY
 Sample : 05842-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:18:56 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

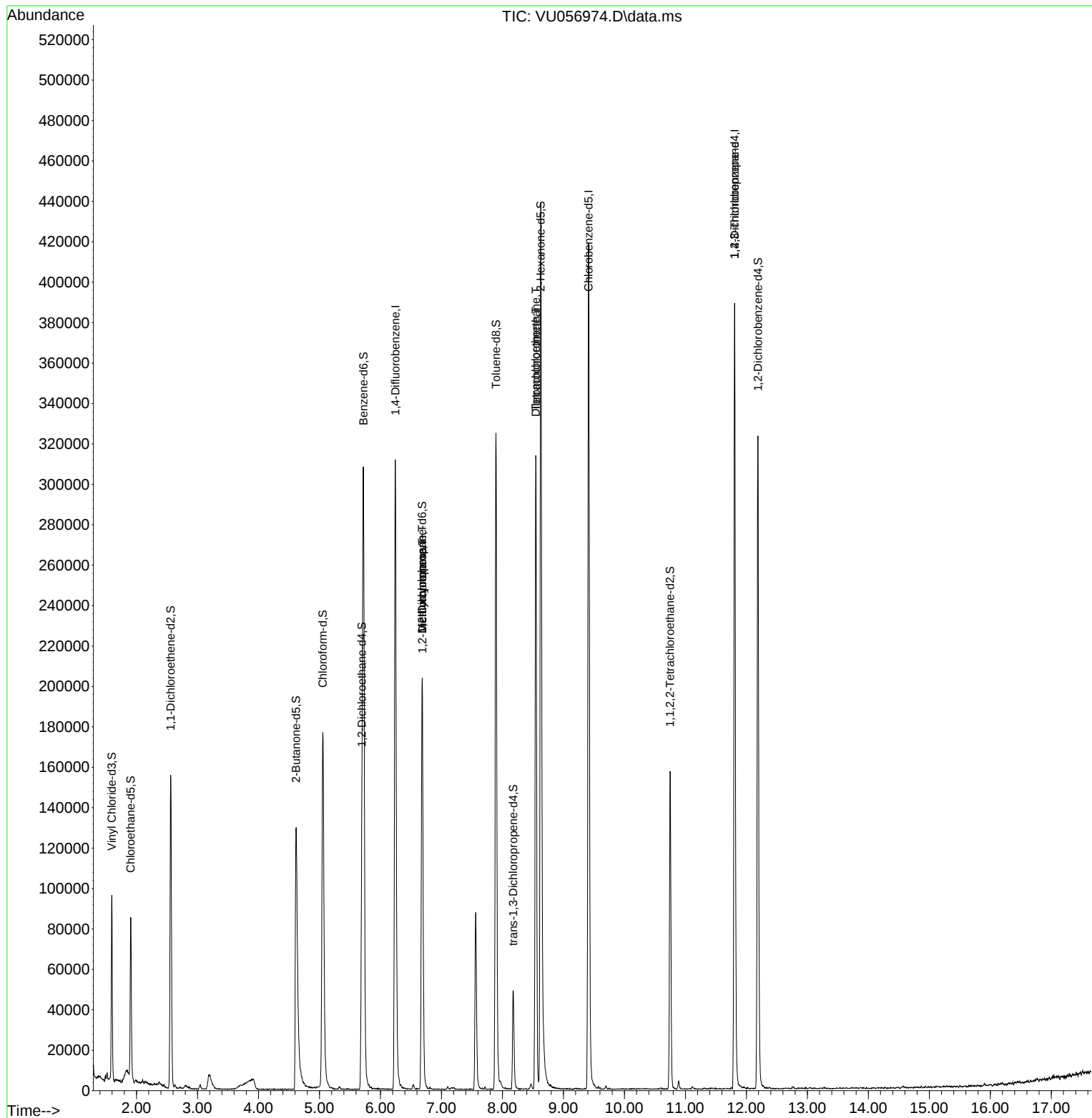
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	255517	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246739	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66288	3.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.904	69	62914	3.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.560	65	29464	3.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	4.618	46	206391	47.717	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.440%
24) Chloroform-d	5.055	84	168636	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.695	65	83526	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.721	84	299259	3.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.685	67	101039	4.218	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.894	98	223678	3.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.400%#
43) trans-1,3-Dichloroprop...	8.177	79	30574	3.291	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.800%
46) 2-Hexanone-d5	8.627	63	145322	41.478	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	80330	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	86644	4.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
35) Methylcyclohexane	6.685	83	23716	0.676	ug/L #	17
37) 1,2-Dichloropropane	6.689	63	11216	0.506	ug/L #	88
47) Tetrachloroethene	8.547	164	66828	4.014	ug/L	97
49) Dibromochloromethane	8.550	129	68558	3.977	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	12894	1.125	ug/L #	69

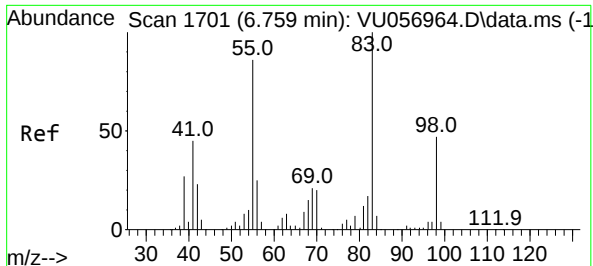
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.676 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

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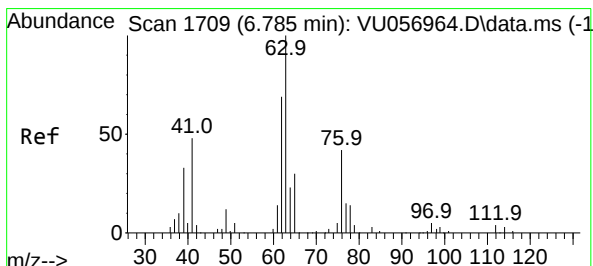
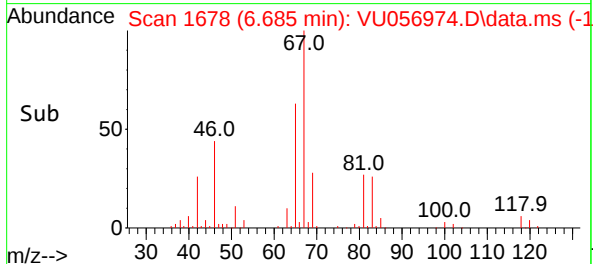
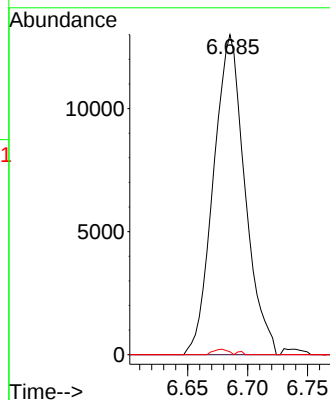
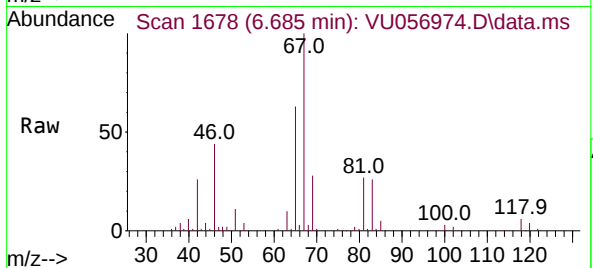
Acq: 17 Dec 2023 17:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	23716
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	0.8	36.1	54.1#



#37

1,2-Dichloropropane

Concen: 0.506 ug/L

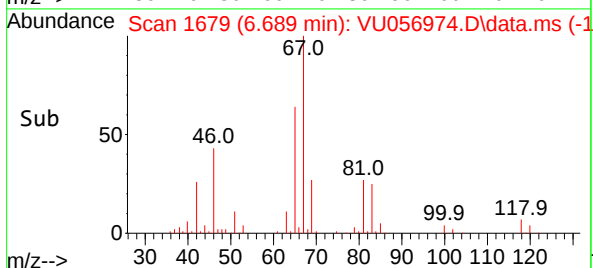
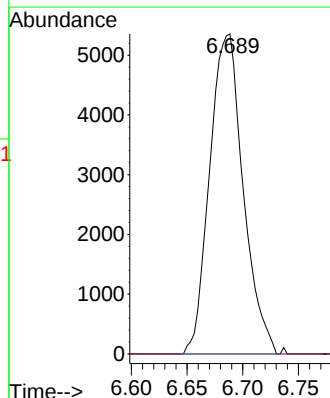
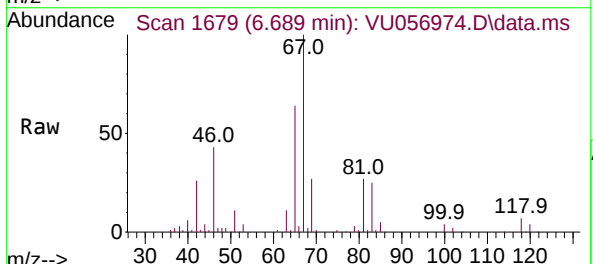
RT: 6.689 min Scan# 1679

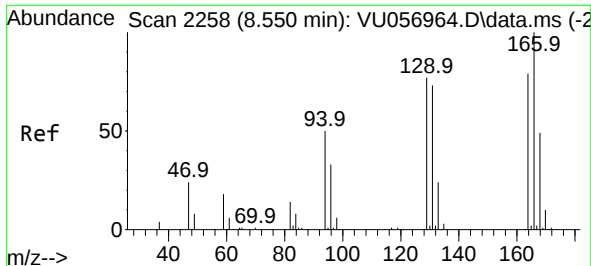
Delta R.T. -0.096 min

Lab File: VU056974.D

Acq: 17 Dec 2023 17:40

Tgt Ion:	63	Resp:	11216
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#47

Tetrachloroethene

Concen: 4.014 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056974.D

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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 66828

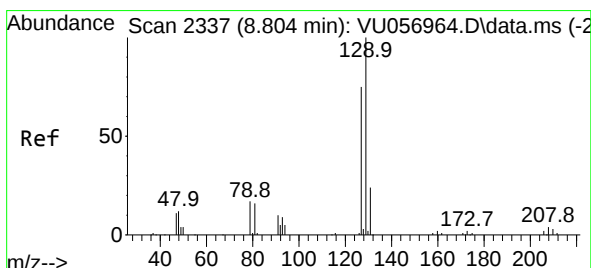
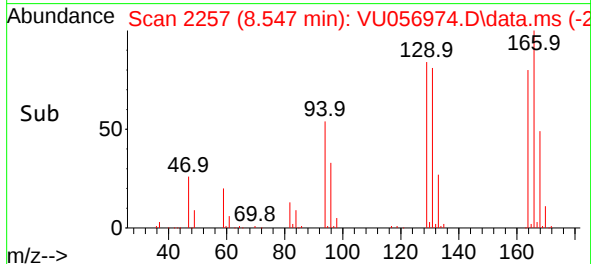
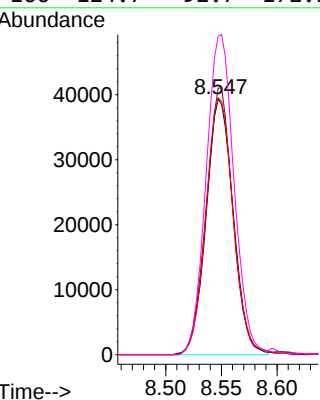
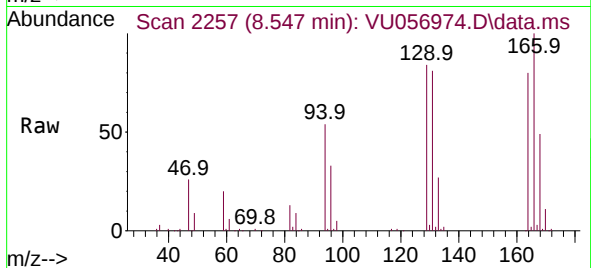
Ion Ratio Lower Upper

164 100

129 104.3 73.4 136.4

131 100.5 71.5 132.9

166 124.7 92.7 172.1



#49

Dibromochloromethane

Concen: 3.977 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU056974.D

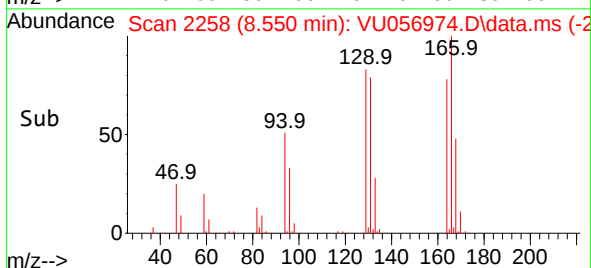
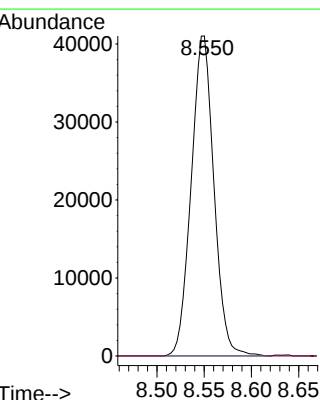
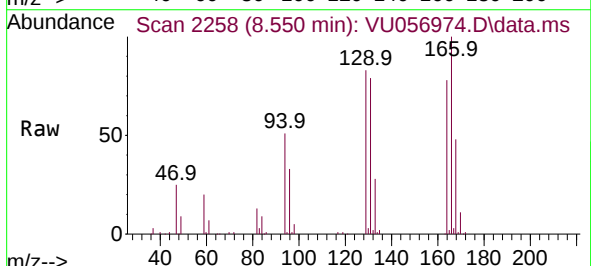
Acq: 17 Dec 2023 17:40

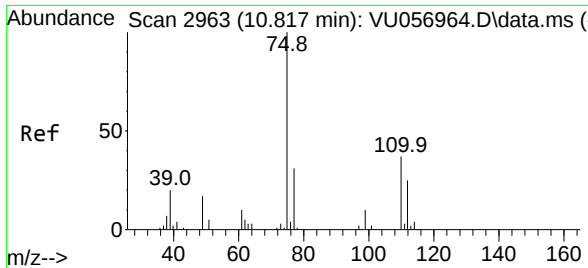
Tgt Ion:129 Resp: 68558

Ion Ratio Lower Upper

129 100

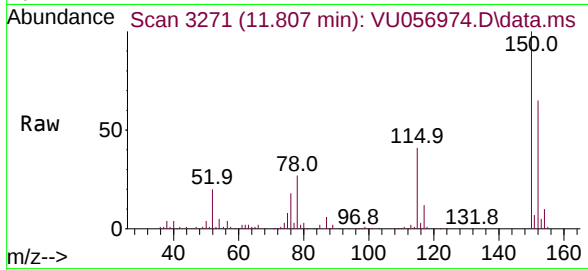
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.125 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056974.D
Acq: 17 Dec 2023 17:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 12894
Ion Ratio Lower Upper
75 100
110 2.9 28.4 42.6#
77 35.7 26.3 39.5

