

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU056989.D
 Acq On : 18 Dec 2023 13:27
 Operator : MD/SY
 Sample : 05890-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGR40

Quant Time: Dec 18 14:31:38 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)

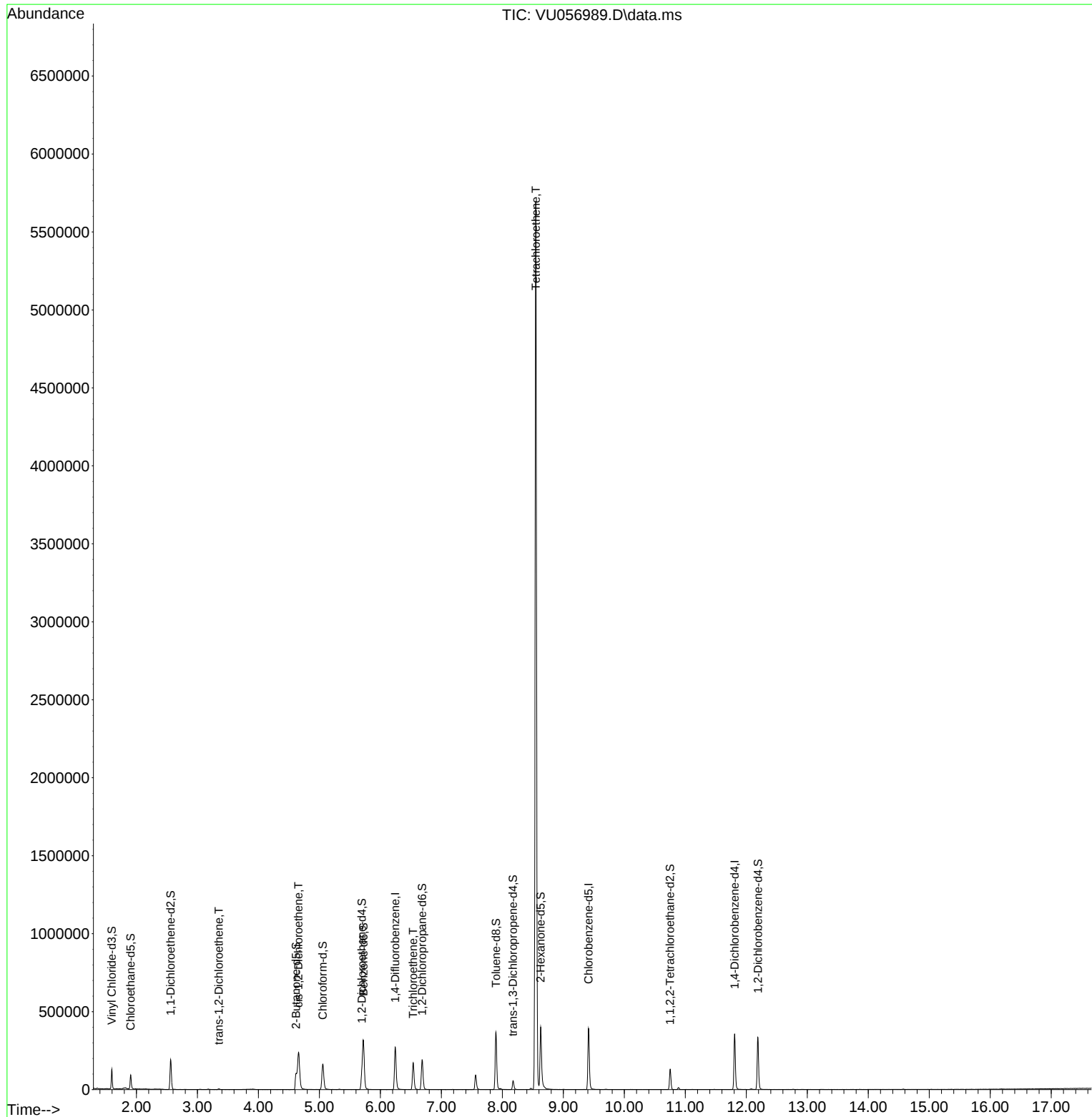
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	222530	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	223992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86844	4.553	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.904	69	69135	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.560	65	35258	4.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.615	46	147310	39.106	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.220%
24) Chloroform-d	5.055	84	157161	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	77110	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.721	84	304120	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.685	67	92592	4.258	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.894	98	253450	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.174	79	34778	4.124	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.627	63	134219	42.199	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	66657	4.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	85992	4.534	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
18) trans-1,2-Dichloroethene	3.351	96	2079	0.113	ug/L	81
22) cis-1,2-Dichloroethene	4.657	96	120895	6.067	ug/L	98
34) Trichloroethene	6.538	95	62232	2.882	ug/L	96
47) Tetrachloroethene	8.547	164	1198614	79.314	ug/L	97

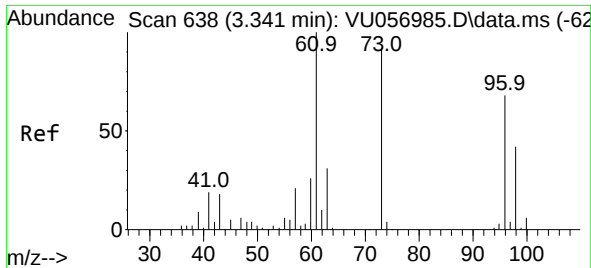
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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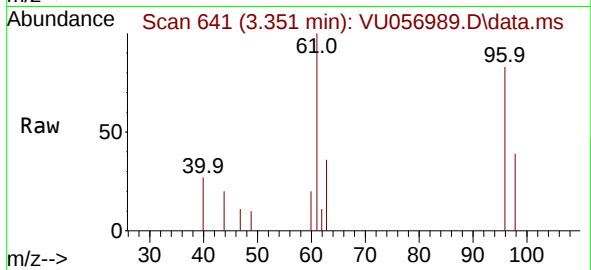
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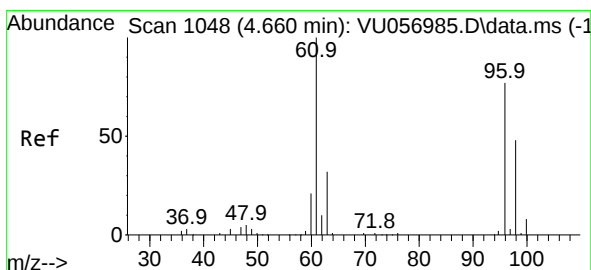
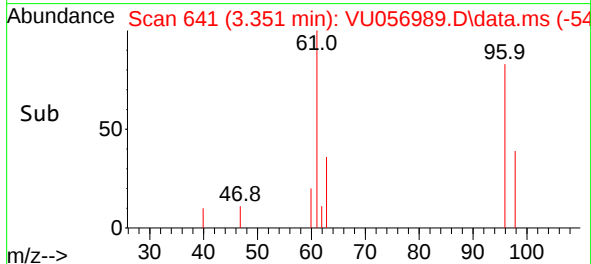
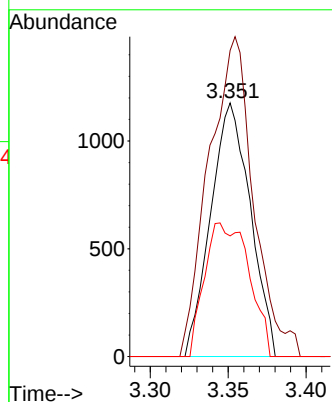
#18
trans-1,2-Dichloroethene
Concen: 0.113 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU056989.D
Acq: 18 Dec 2023 13:27

Instrument :
MSVOA_U
ClientSampleId :
BGR40



Tgt Ion: 96 Resp: 2079

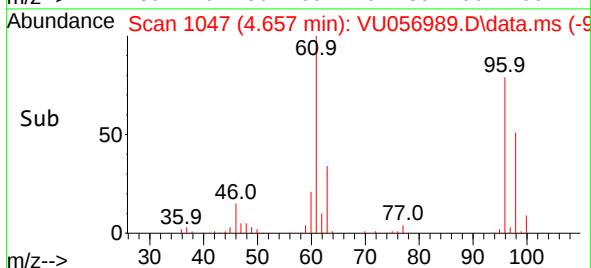
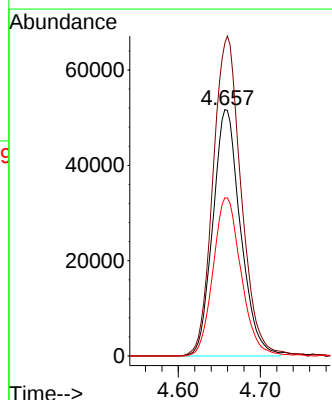
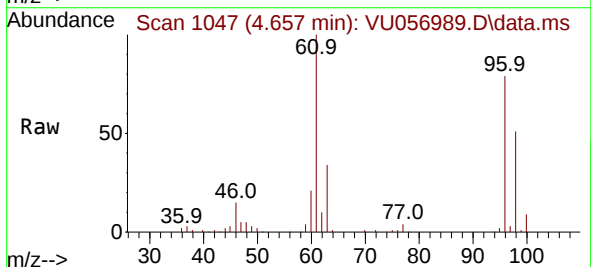
Ion	Ratio	Lower	Upper
96	100		
61	120.6	101.8	189.0
98	47.6	43.0	79.8

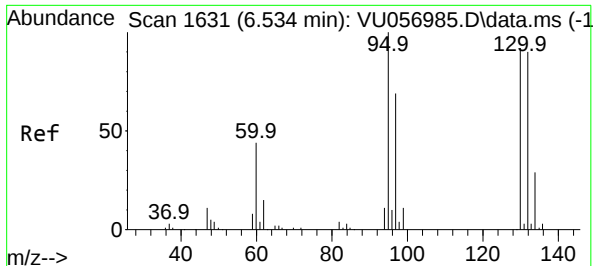


#22
cis-1,2-Dichloroethene
Concen: 6.067 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU056989.D
Acq: 18 Dec 2023 13:27

Tgt Ion: 96 Resp: 120895

Ion	Ratio	Lower	Upper
96	100		
61	126.9	91.3	169.6
98	64.2	44.2	82.0





#34

Trichloroethene

Concen: 2.882 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056989.D

Acq: 18 Dec 2023 13:27

Instrument :

MSVOA_U

ClientSampleId :

BGR40

Tgt Ion: 95 Resp: 62232

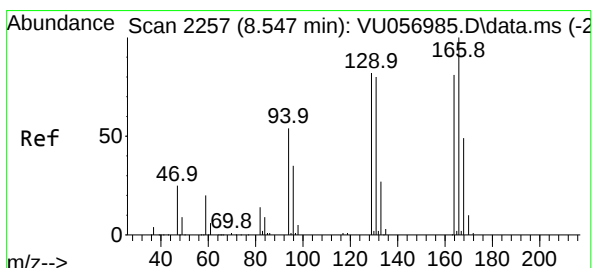
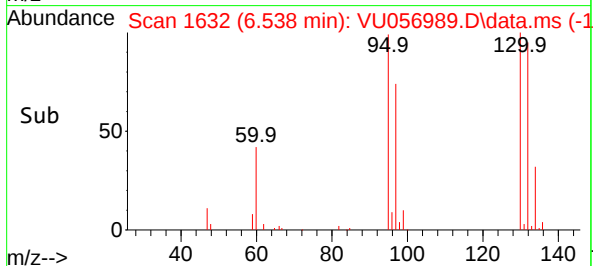
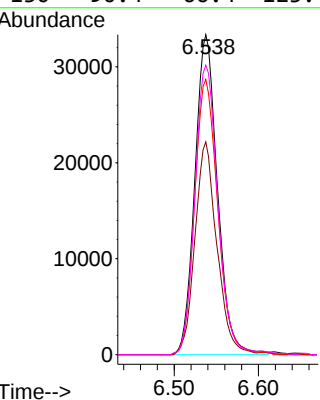
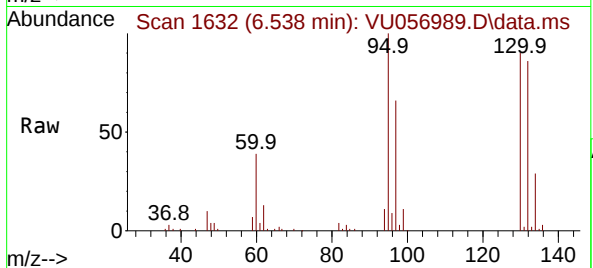
Ion Ratio Lower Upper

95 100

97 66.5 46.1 85.5

132 86.0 63.6 118.0

130 90.4 66.4 123.4



#47

Tetrachloroethene

Concen: 79.314 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056989.D

Acq: 18 Dec 2023 13:27

Tgt Ion:164 Resp: 1198614

Ion Ratio Lower Upper

164 100

129 103.6 73.4 136.4

131 99.9 71.5 132.9

166 125.6 92.7 172.1

