

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058556.D
 Acq On : 10 Apr 2024 13:47
 Operator : MD/SY
 Sample : P1970-19 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM3

Quant Time: Apr 11 01:30:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

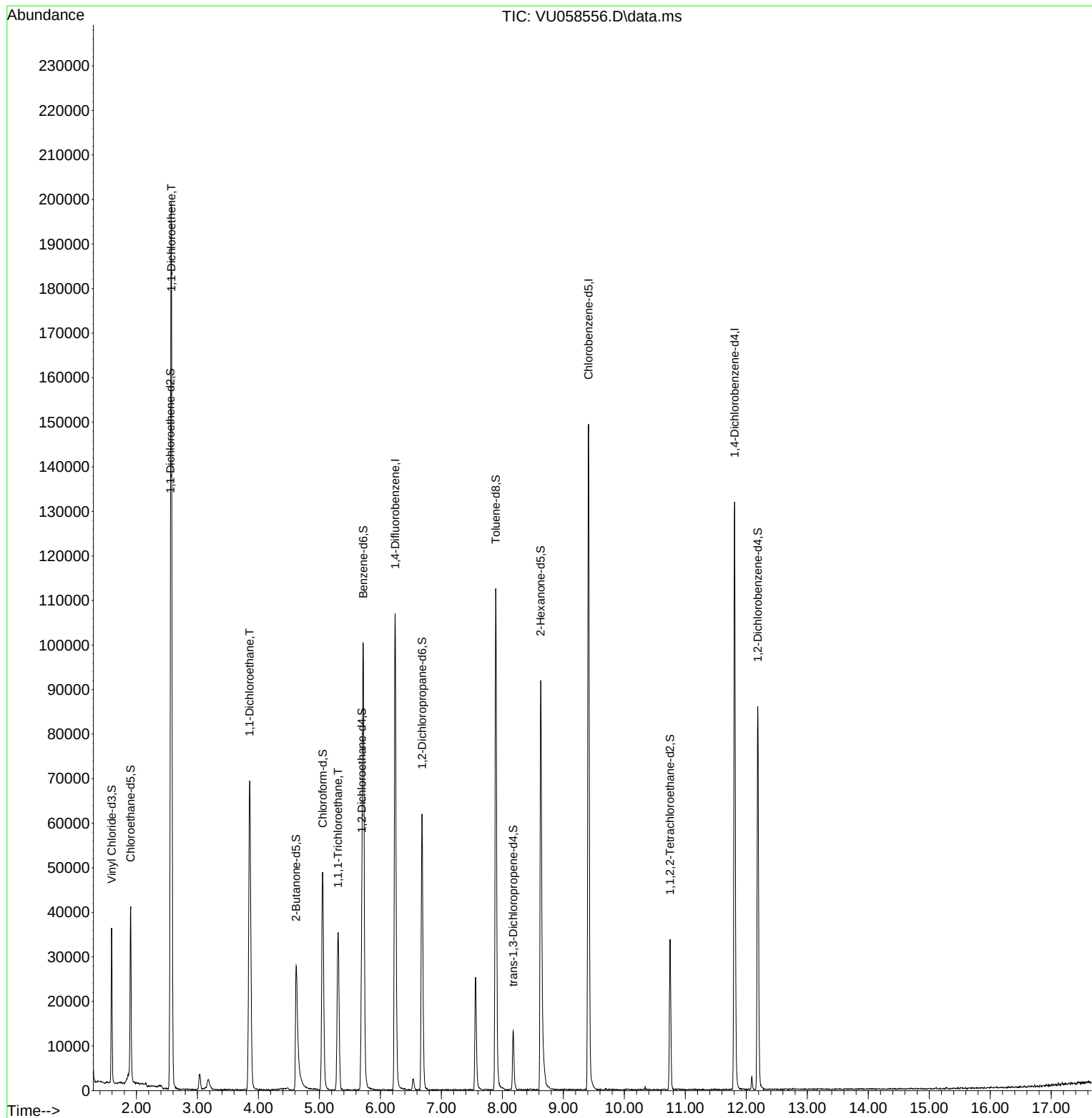
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79479	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23439	4.236	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.904	69	24527	5.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.557	65	11130	4.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.618	46	45383	38.922	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.840%
24) Chloroform-d	5.052	84	46668	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.695	65	23114	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.718	84	93153	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.682	67	28956	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.891	98	74533	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.177	79	7935	3.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.628	63	31392	36.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.080%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17389	3.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	21968	3.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.000%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	52656	8.891	ug/L	89
19) 1,1-Dichloroethane	3.856	63	82215	6.068	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	25210	2.366	ug/L	97

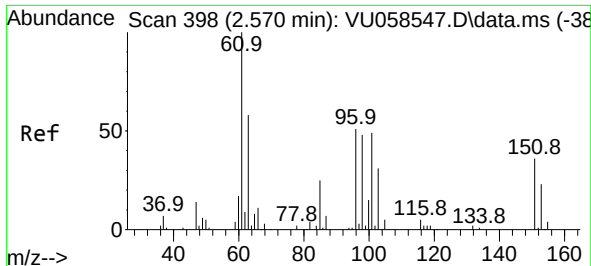
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 8.891 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

COAM3

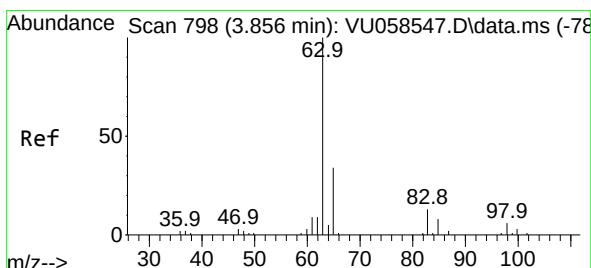
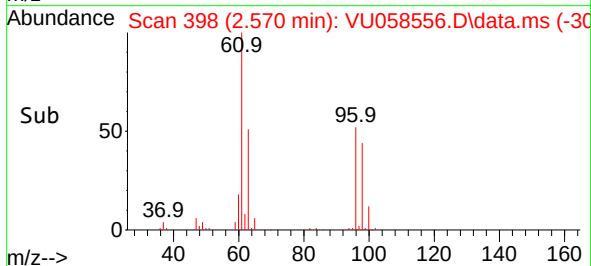
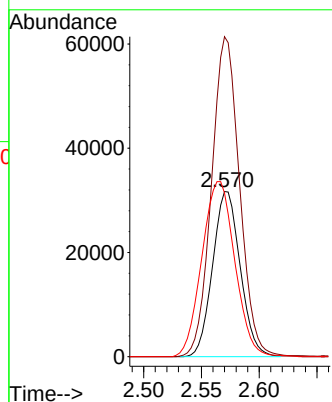
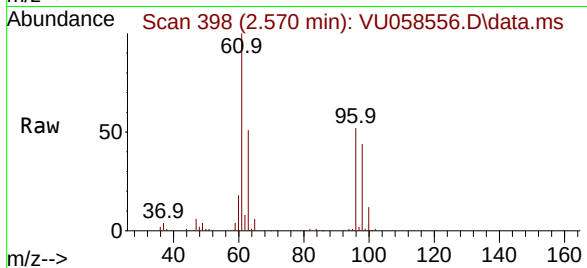
Tgt Ion: 96 Resp: 52656

Ion Ratio Lower Upper

96 100

61 193.9 132.5 246.1

63 99.1 87.7 162.9



#19

1,1-Dichloroethane

Concen: 6.068 ug/L

RT: 3.856 min Scan# 798

Delta R.T. 0.000 min

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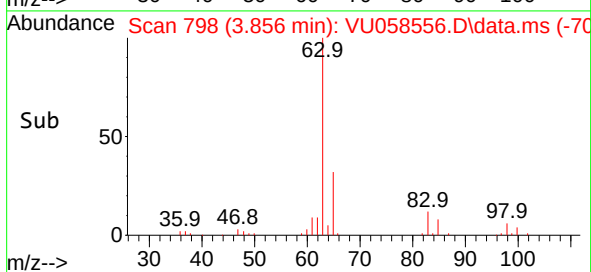
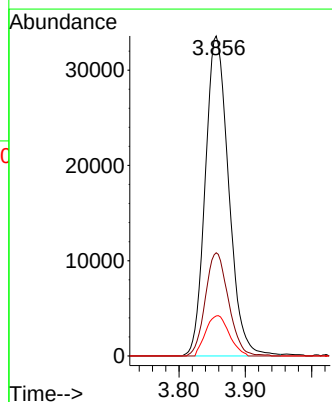
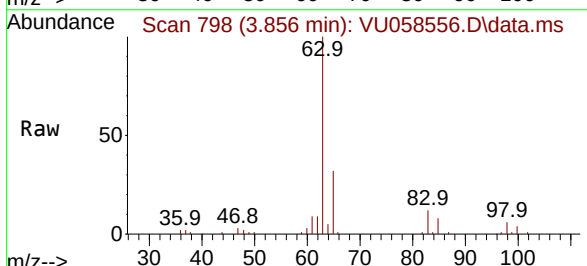
Tgt Ion: 63 Resp: 82215

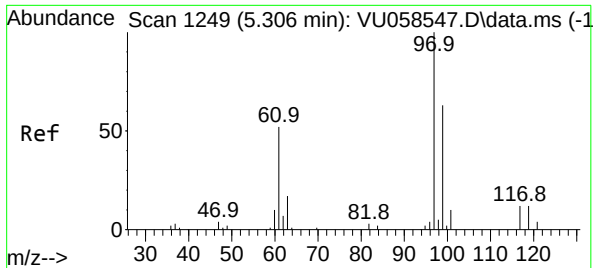
Ion Ratio Lower Upper

63 100

65 32.9 22.9 42.5

83 12.5 9.6 17.8





#29
 1,1,1-Trichloroethane
 Concen: 2.366 ug/L
 RT: 5.306 min Scan# 11
 Delta R.T. 0.000 min
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 C0AM3

Tgt Ion: 97	Resp:	25210
Ion	Ratio	Lower Upper
97	100	
99	64.7	50.4 75.6
61	51.6	39.4 59.0

