

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058551.D
 Acq On : 10 Apr 2024 11:50
 Operator : MD/SY
 Sample : P1970-11 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK1

Quant Time: Apr 11 01:29:44 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)

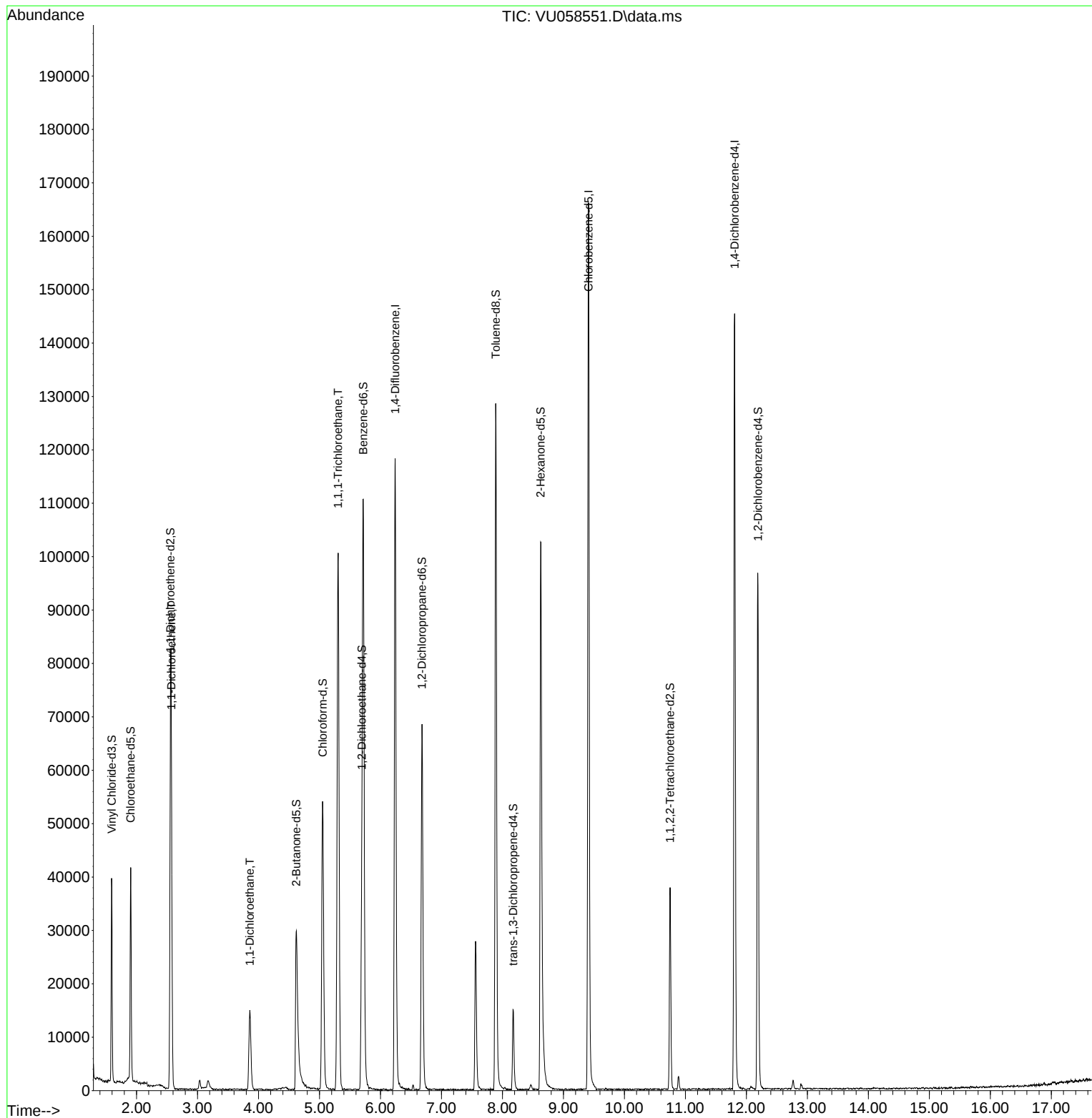
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91241	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	89012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26133	4.326	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.600%	
7) Chloroethane-d5	1.904	69	25498	4.857	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.557	65	12143	4.441	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.800%	
20) 2-Butanone-d5	4.621	46	49106	38.574	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.140%	
24) Chloroform-d	5.052	84	51576	4.277	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.695	65	24413	4.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
32) Benzene-d6	5.717	84	101481	4.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	6.679	67	32687	4.349	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.891	98	85151	4.007	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
43) trans-1,3-Dichloroprop...	8.177	79	9100	3.901	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.627	63	35217	36.601	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.200%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19448	3.666	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	73.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	24588	3.873	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	77.400%#	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	12177	1.883	ug/L	# 72
19) 1,1-Dichloroethane	3.859	63	17898	1.210	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	70622	5.918	ug/L	99

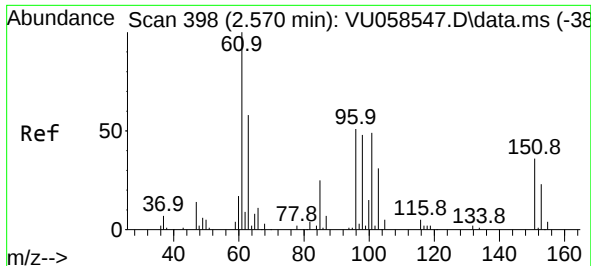
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.883 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU058551.D

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Instrument :

MSVOA_U

ClientSampleId :

C0AK1

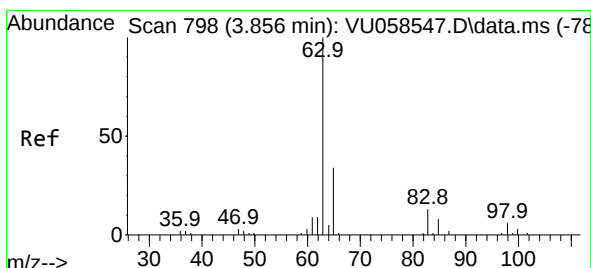
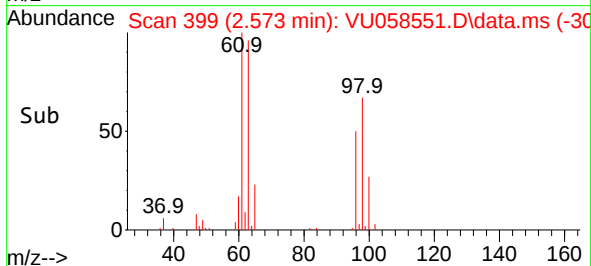
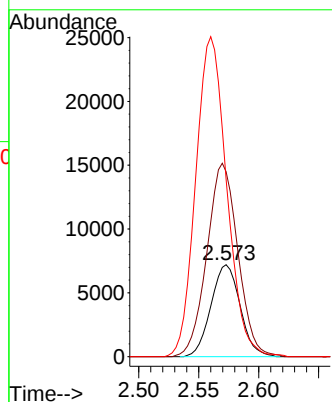
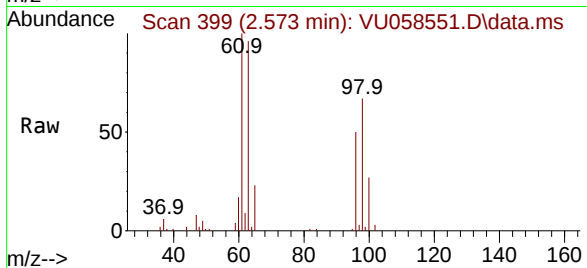
Tgt Ion: 96 Resp: 12177

Ion Ratio Lower Upper

96 100

61 201.1 132.5 246.1

63 192.5 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 1.210 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU058551.D

Acq: 10 Apr 2024 11:50

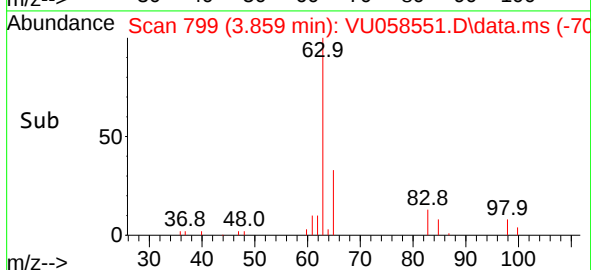
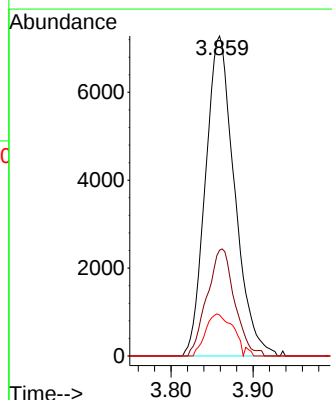
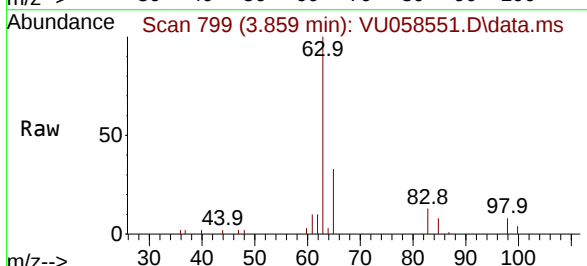
Tgt Ion: 63 Resp: 17898

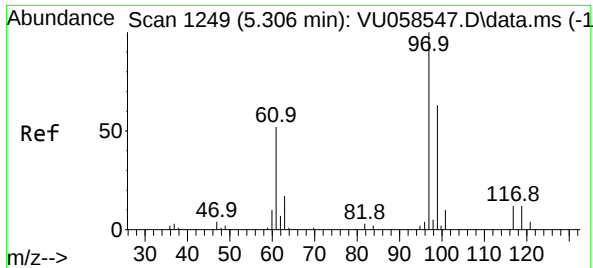
Ion Ratio Lower Upper

63 100

65 33.0 22.9 42.5

83 12.8 9.6 17.8





#29
 1,1,1-Trichloroethane
 Concen: 5.918 ug/L
 RT: 5.306 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU058551.D
 Acq: 10 Apr 2024 11:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK1

Tgt Ion: 97	Resp:	70622
Ion	Ratio	Lower Upper
97	100	
99	63.6	50.4 75.6
61	50.8	39.4 59.0

