

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056453.D
 Acq On : 17 Nov 2023 20:40
 Operator : MD/SY
 Sample : 05441-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QG0

Quant Time: Nov 19 01:23:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

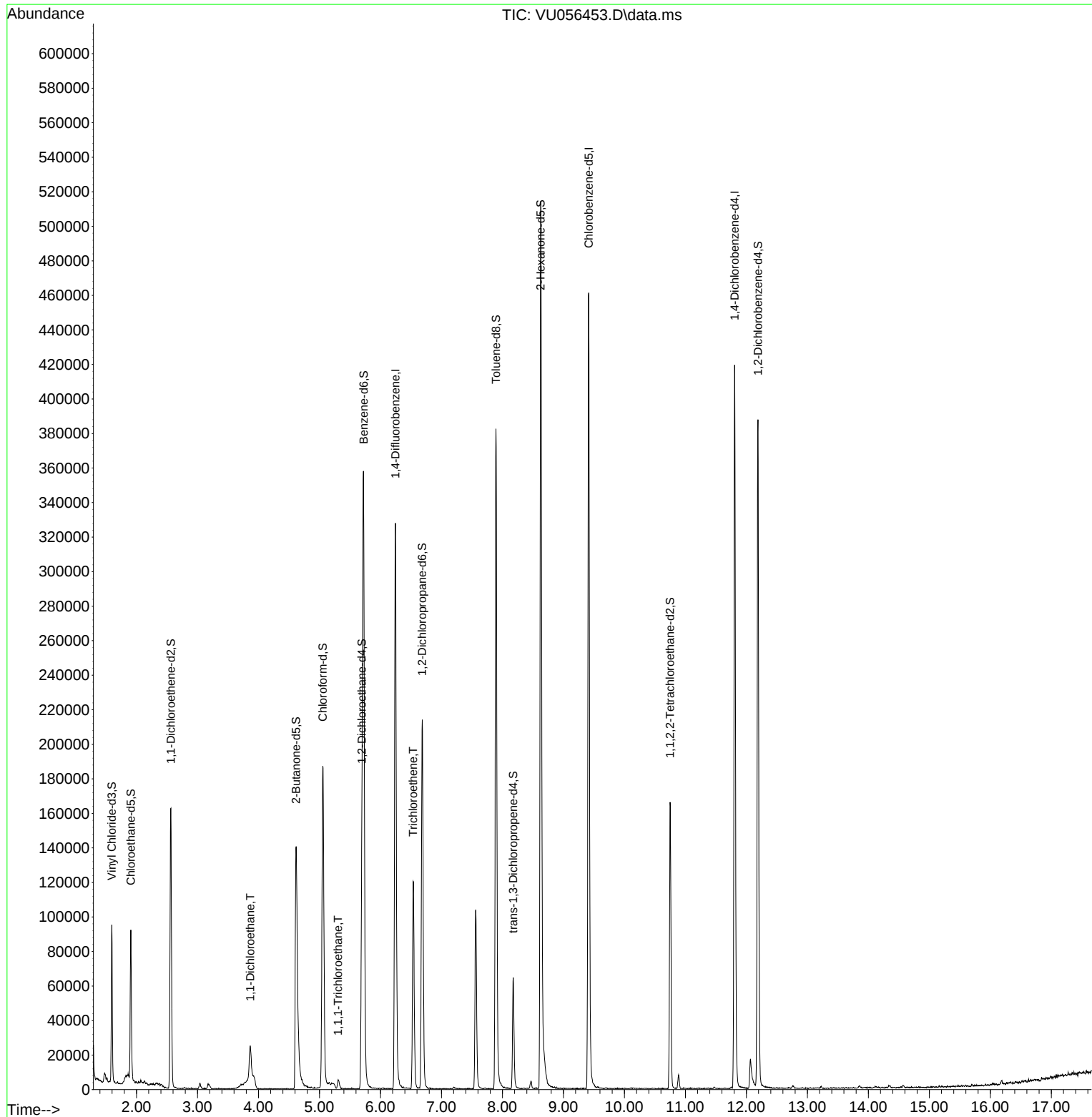
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	267347	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	267055	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	64012	3.201	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.000%	
7) Chloroethane-d5	1.907	69	66095	4.311	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.200%	
11) 1,1-Dichloroethene-d2	2.563	65	31707	3.593	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	4.615	46	220035	55.183	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.360%	
24) Chloroform-d	5.055	84	179428	4.639	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.695	65	95210	5.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.600%	
32) Benzene-d6	5.724	84	341153	4.288	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	6.685	67	105609	4.404	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.894	98	266828	3.798	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.000%	
43) trans-1,3-Dichloroprop...	8.177	79	39127	4.254	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.627	63	177852	49.209	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.420%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	83939	4.899	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	103159	4.976	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.600%	
Target Compounds						
						Qvalue
19) 1,1-Dichloroethane	3.866	63	23521	0.705	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	3729	0.122	ug/L	96
34) Trichloroethene	6.537	95	43491	2.095	ug/L	98

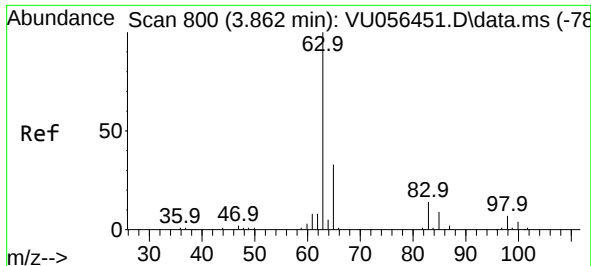
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.705 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

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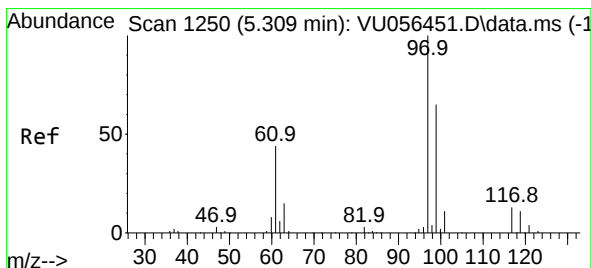
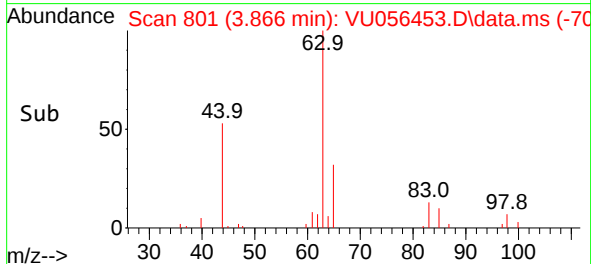
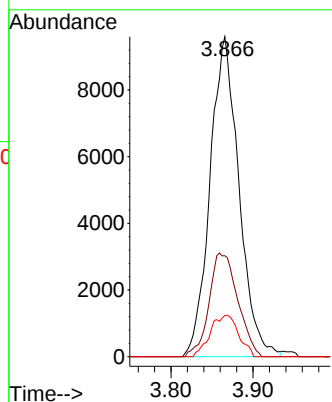
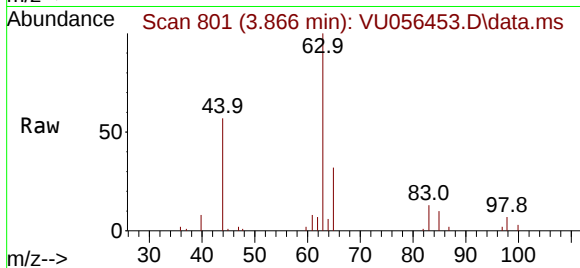
Tgt Ion: 63 Resp: 23521

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.6

83 12.9 9.7 17.9



#29

1,1,1-Trichloroethane

Concen: 0.122 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU056453.D

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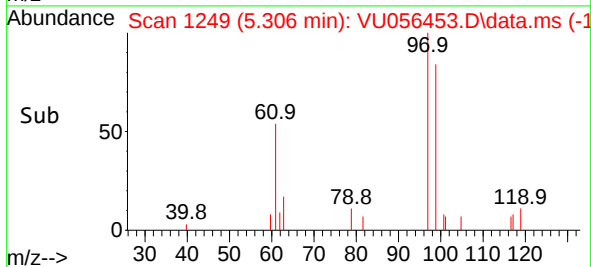
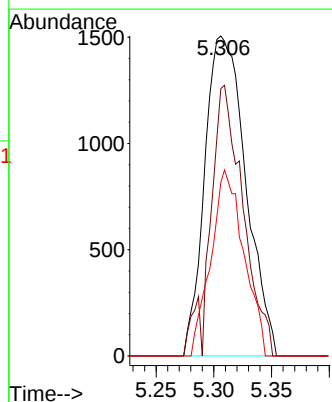
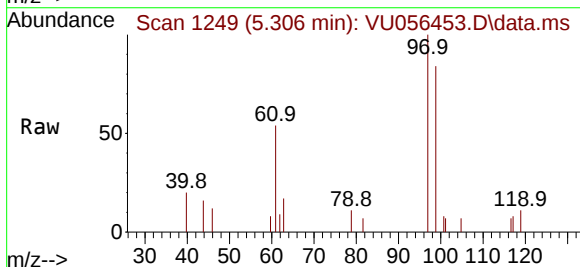
Tgt Ion: 97 Resp: 3729

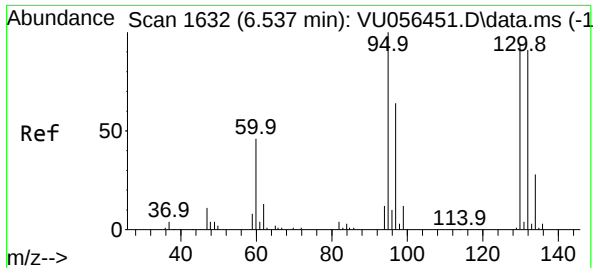
Ion Ratio Lower Upper

97 100

99 67.1 51.6 77.4

61 46.6 34.3 51.5





#34
 Trichloroethene
 Concen: 2.095 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.000 min
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Tgt Ion: 95 Resp: 43491

Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.5	86.3
132	86.8	62.0	115.2
130	92.9	66.3	123.1

