

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
 Data File : VU056522.D
 Acq On : 20 Nov 2023 13:12
 Operator : MD/SY
 Sample : 05411-04RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF6RE

Quant Time: Nov 21 00:39:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

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

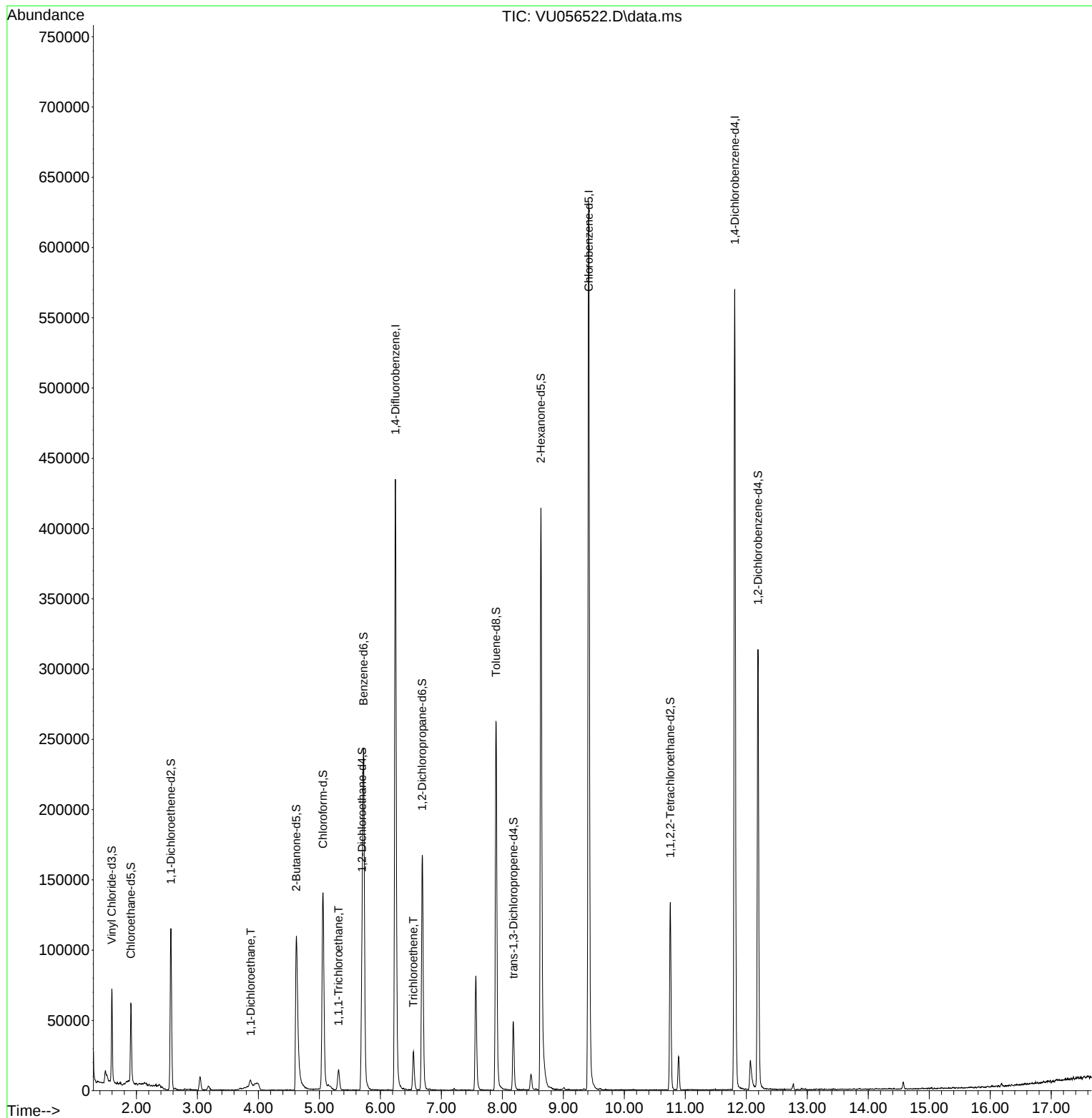
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	353063	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	360579	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	154378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46385	1.756	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	35.200%#
7) Chloroethane-d5	1.908	69	40921	2.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	40.400%#
11) 1,1-Dichloroethene-d2	2.563	65	23266	1.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.000%#
20) 2-Butanone-d5	4.621	46	178338	33.867	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.740%
24) Chloroform-d	5.059	84	136816	2.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	53.600%#
26) 1,2-Dichloroethane-d4	5.698	65	67445	2.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.200%#
32) Benzene-d6	5.724	84	236348	2.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	44.000%#
36) 1,2-Dichloropropane-d6	6.685	67	83069	2.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	51.400%#
41) Toluene-d8	7.894	98	184883	1.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	39.000%#
43) trans-1,3-Dichloroprop...	8.181	79	31373	2.526	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	50.600%#
46) 2-Hexanone-d5	8.631	63	143410	29.388	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.780%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	67834	2.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.600%#
66) 1,2-Dichlorobenzene-d4	12.190	152	84390	2.959	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	59.200%#
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.872	63	5931	0.135	ug/L	95
29) 1,1,1-Trichloroethane	5.313	97	9562	0.231	ug/L	94
34) Trichloroethene	6.541	95	9243	0.330	ug/L	95

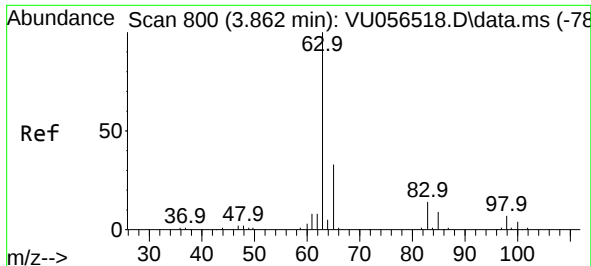
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.135 ug/L

RT: 3.872 min Scan# 800

Delta R.T. 0.010 min

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Instrument :

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ClientSampleId :

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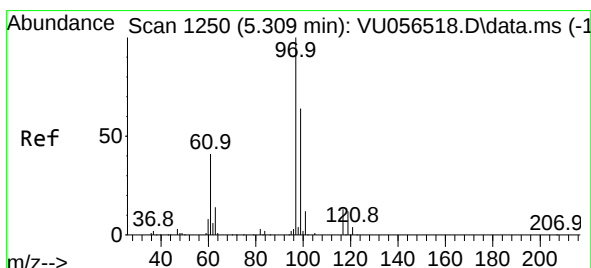
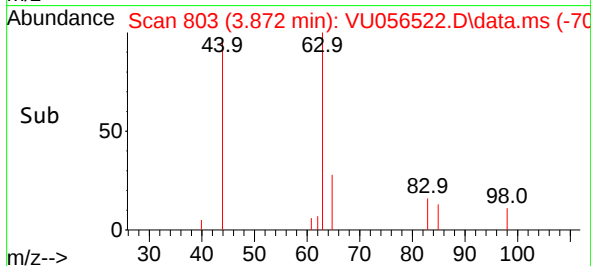
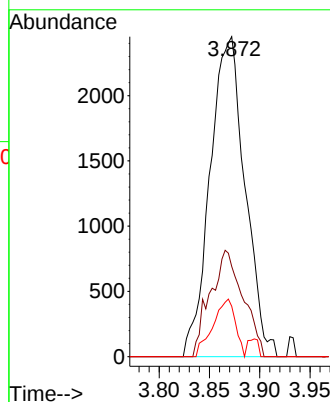
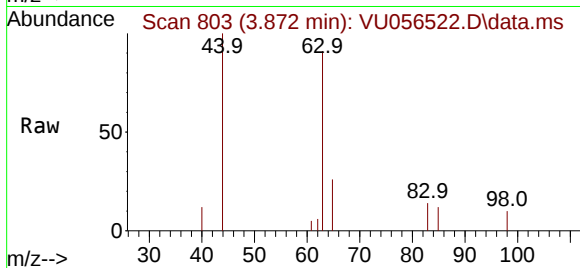
Tgt Ion: 63 Resp: 5931

Ion Ratio Lower Upper

63 100

65 28.2 21.8 40.6

83 15.7 9.7 17.9



#29

1,1,1-Trichloroethane

Concen: 0.231 ug/L

RT: 5.313 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU056522.D

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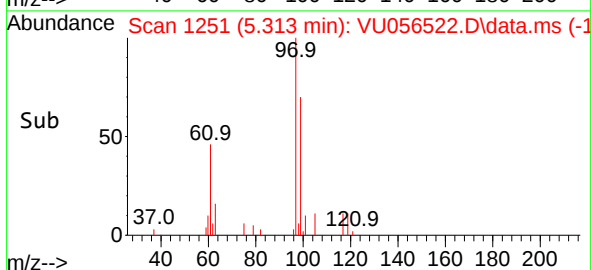
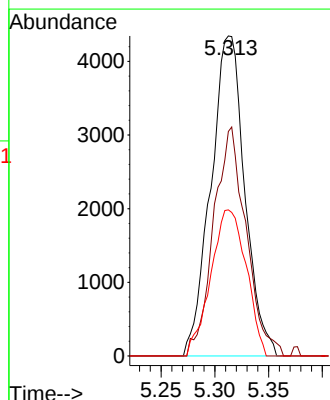
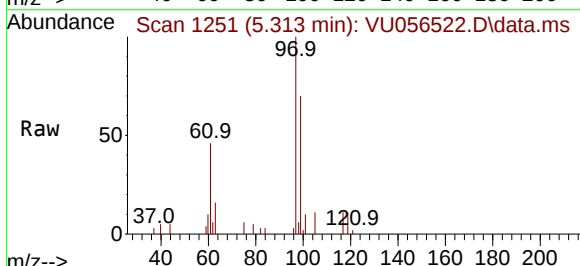
Tgt Ion: 97 Resp: 9562

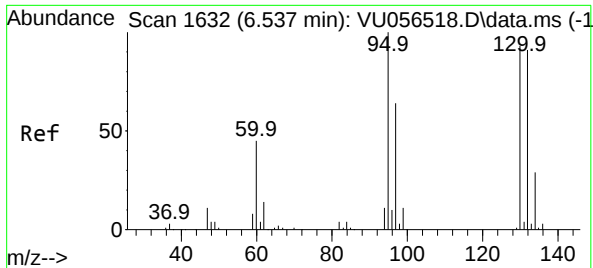
Ion Ratio Lower Upper

97 100

99 68.6 51.6 77.4

61 47.6 34.3 51.5





#34
 Trichloroethene
 Concen: 0.330 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.003 min
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Tgt Ion: 95 Resp: 9243

Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.5	86.3
132	87.2	62.0	115.2
130	83.8	66.3	123.1

