

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052097.D
 Acq On : 23 Nov 2022 19:08
 Operator : JC/MD
 Sample : N5684-11DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J1DL

Quant Time: Nov 24 04:15:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:13:15 2022
 Response via : Initial Calibration

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

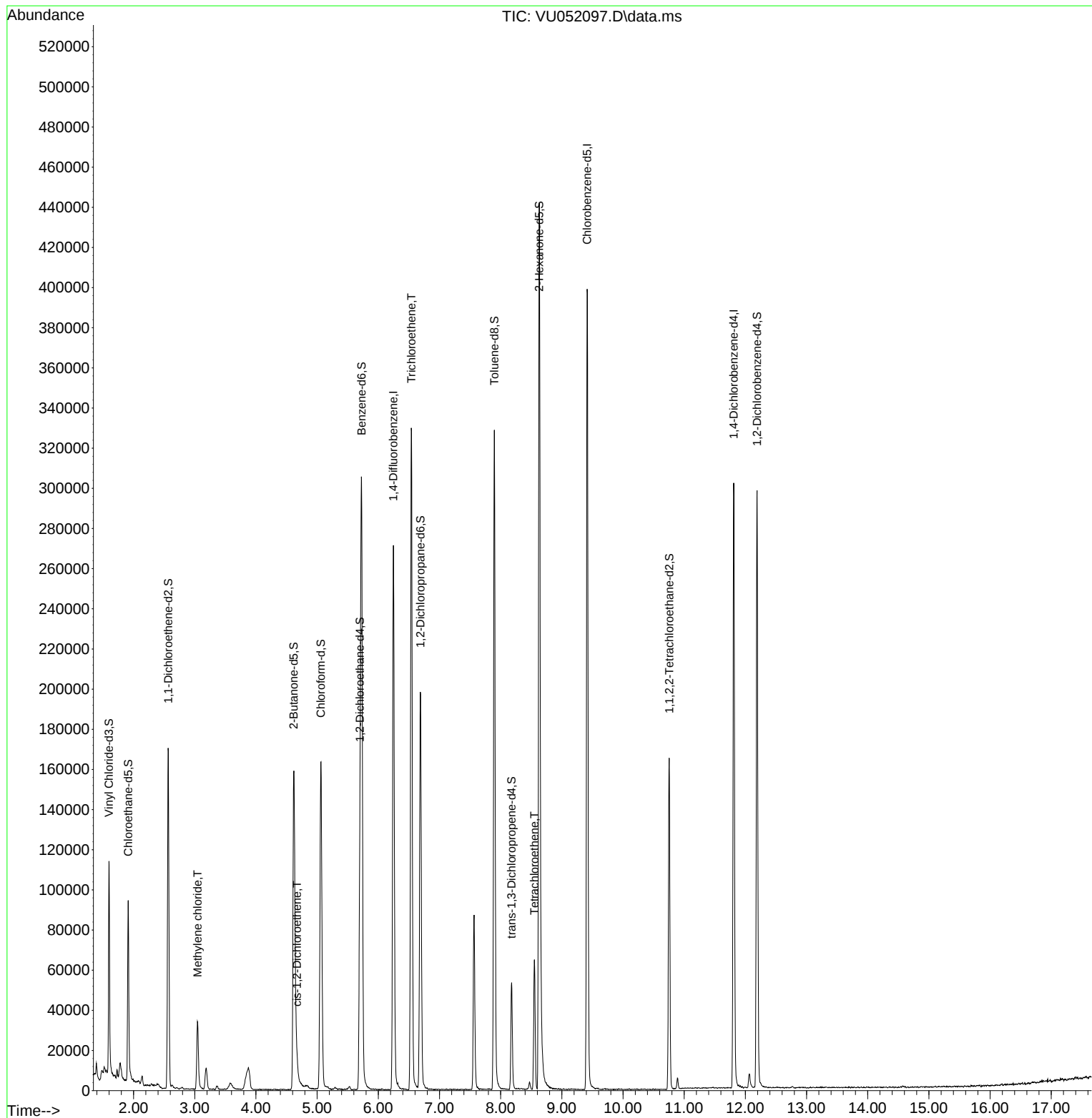
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	223371	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	232180	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82813	3.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.912	69	73563	4.359	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.565	65	32731	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.616	46	202651	51.456	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.920%
24) Chloroform-d	5.060	84	152259	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.700	65	80561	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.726	84	302509	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.687	67	101927	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.896	98	233346	3.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.179	79	31587	4.063	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.629	63	156006	47.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	86176	4.659	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	85508	5.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	18507	0.844	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	3177	0.174	ug/L	91
34) Trichloroethene	6.539	95	118636	6.295	ug/L	99
47) Tetrachloroethene	8.552	164	15618	1.081	ug/L	98

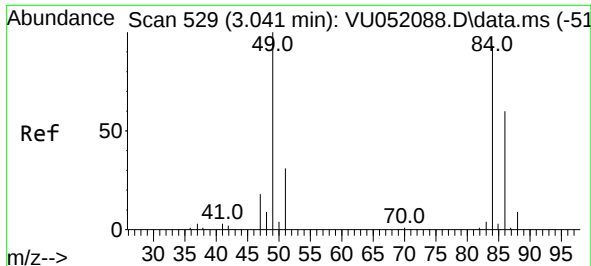
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.844 ug/L

RT: 3.044 min Scan# 51

Delta R.T. 0.003 min

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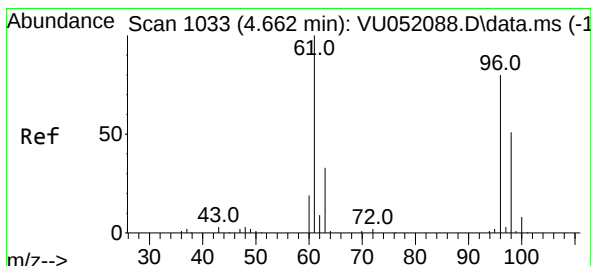
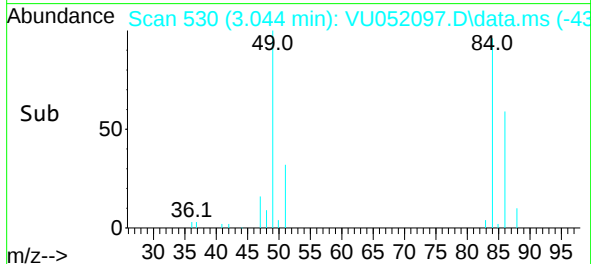
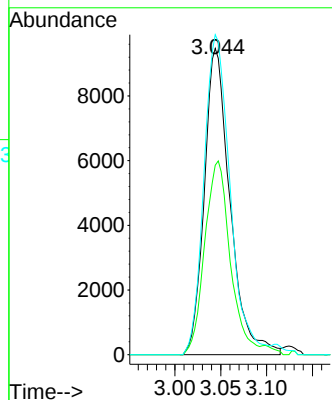
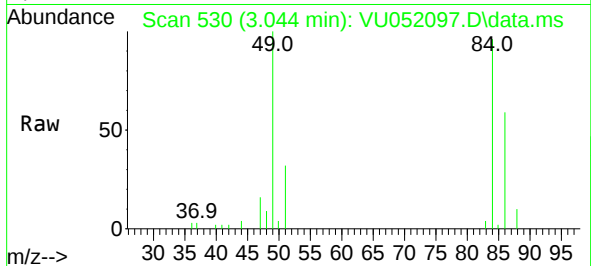
Tgt Ion: 84 Resp: 18507

Ion Ratio Lower Upper

84 100

86 61.9 43.8 81.4

49 104.5 75.9 141.1



#22

cis-1,2-Dichloroethene

Concen: 0.174 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.009 min

Lab File: VU052097.D

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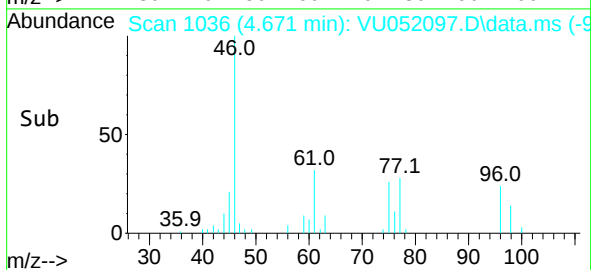
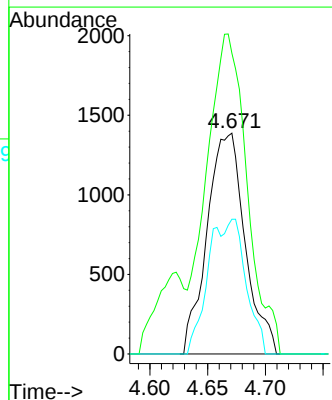
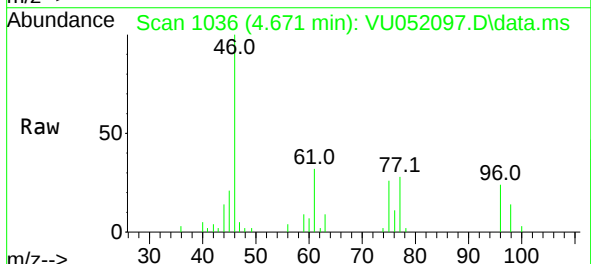
Tgt Ion: 96 Resp: 3177

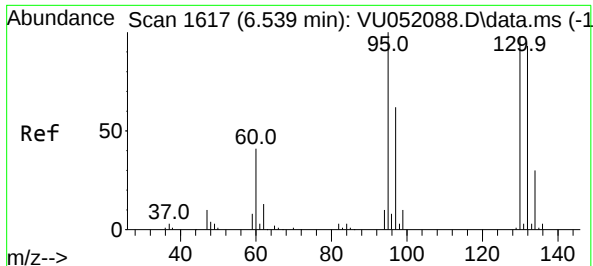
Ion Ratio Lower Upper

96 100

61 136.2 85.1 158.1

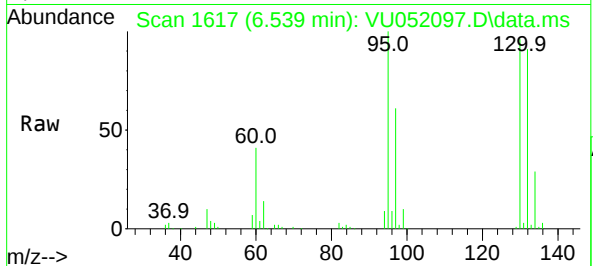
98 61.0 42.8 79.6



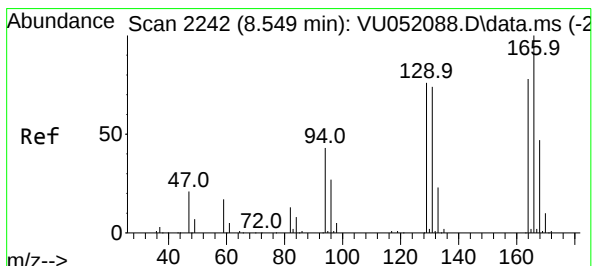
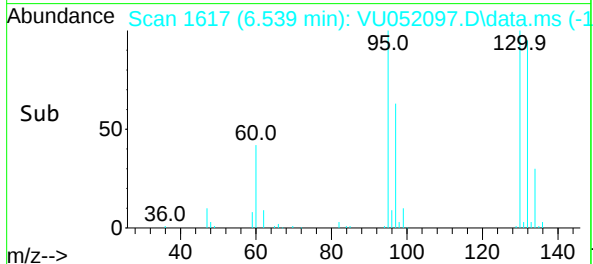
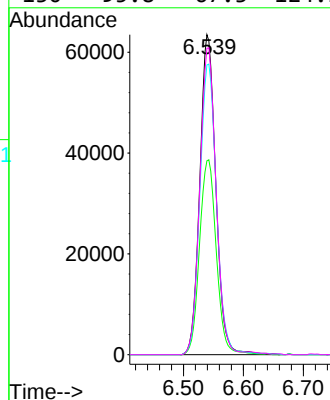


#34
Trichloroethene
Concen: 6.295 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
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Tgt Ion: 95 Resp: 118636
Ion Ratio Lower Upper
95 100
97 60.6 43.7 81.1
132 90.6 64.3 119.3
130 95.8 67.3 124.9



#47
Tetrachloroethene
Concen: 1.081 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052097.D
Acq: 23 Nov 2022 19:08

Tgt Ion: 164 Resp: 15618
Ion Ratio Lower Upper
164 100
129 92.9 67.4 125.2
131 93.8 67.1 124.7
166 126.3 89.7 166.5

