

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050255.D
 Acq On : 12 Aug 2022 02:35
 Operator : SY/MD
 Sample : N4161-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGBY9

Quant Time: Aug 12 05:03:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 04:56:24 2022
 Response via : Initial Calibration

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

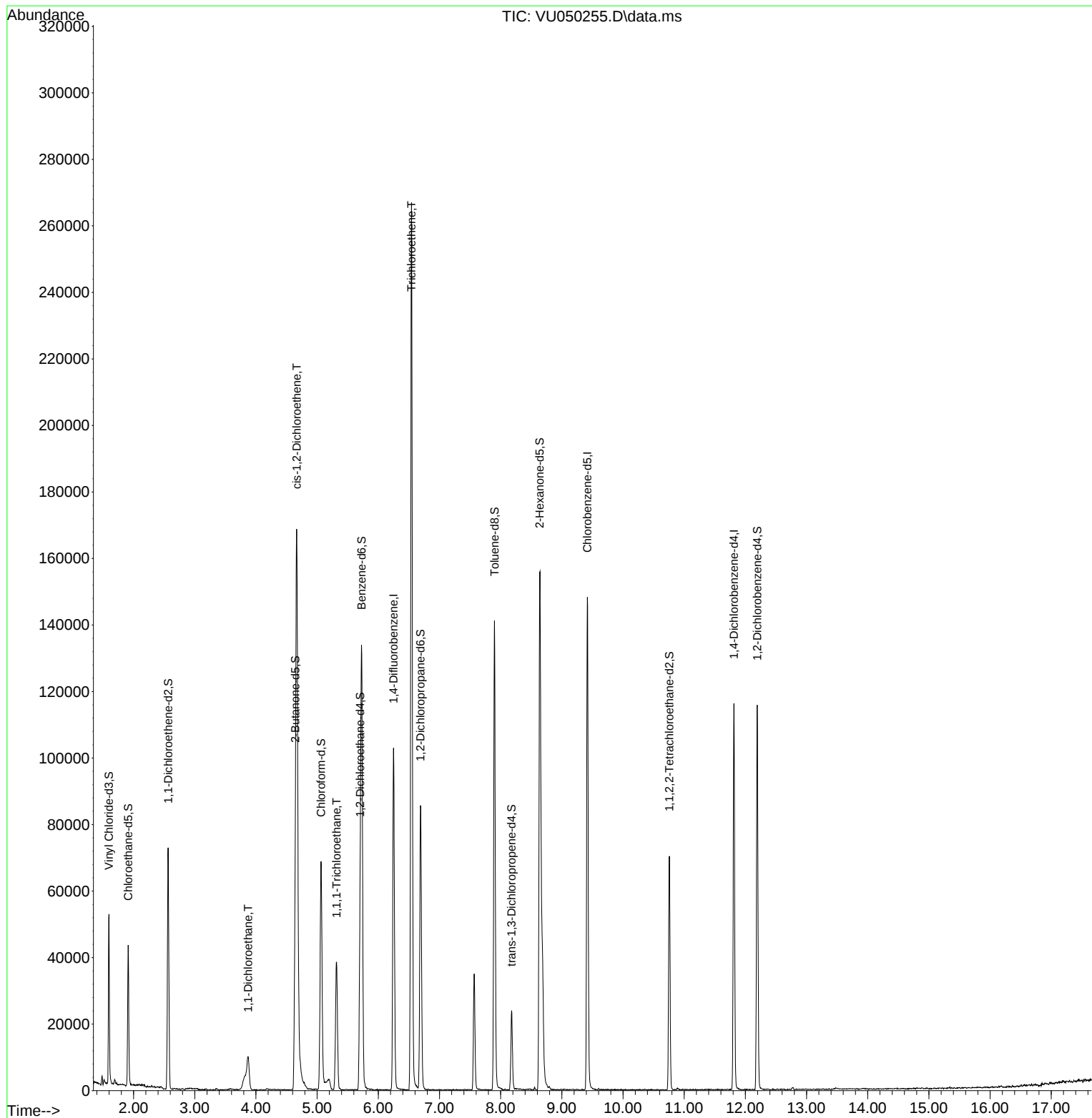
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85140	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	85882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37455	5.286	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.800%		
7) Chloroethane-d5	1.912	69	31344	5.483	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.600%		
11) 1,1-Dichloroethene-d2	2.565	65	13921	5.027	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.600%		
20) 2-Butanone-d5	4.645	46	95381	55.202	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 110.400%		
24) Chloroform-d	5.063	84	65037	4.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.600%		
26) 1,2-Dichloroethane-d4	5.703	65	35959	5.314	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.200%		
32) Benzene-d6	5.729	84	126840	4.733	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.600%		
36) 1,2-Dichloropropane-d6	6.690	67	43724	4.954	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 99.000%		
41) Toluene-d8	7.899	98	98368	4.156	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 83.200%		
43) trans-1,3-Dichloroprop...	8.179	79	13207	4.176	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 83.600%		
46) 2-Hexanone-d5	8.639	63	48175	42.955	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 85.920%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37860	4.885	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 97.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	32364	5.082	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 101.600%		
Target Compounds						
						Qvalue
19) 1,1-Dichloroethane	3.870	63	6008	0.481	ug/L	# 94
22) cis-1,2-Dichloroethene	4.668	96	73875	10.101	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	28294	2.686	ug/L	98
34) Trichloroethene	6.542	95	93370	12.830	ug/L	98

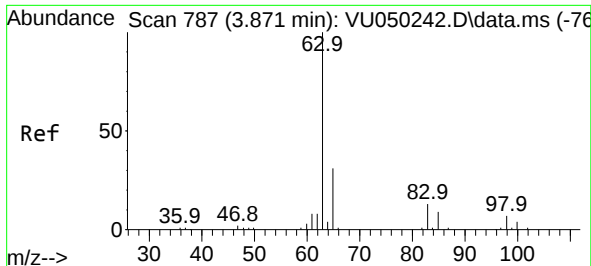
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.481 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

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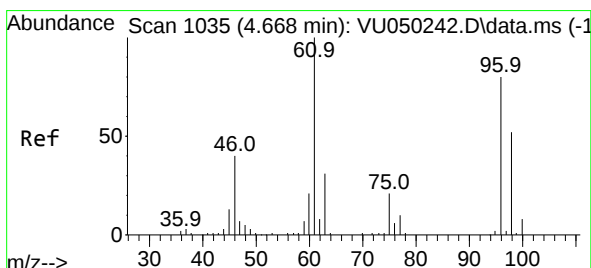
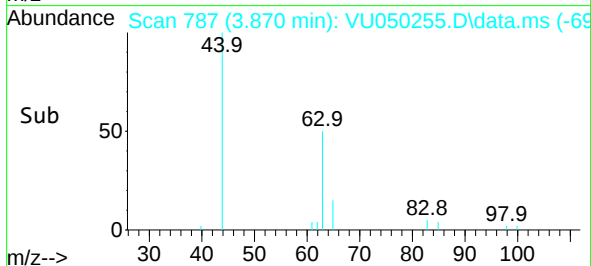
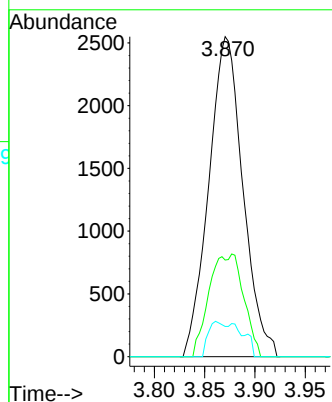
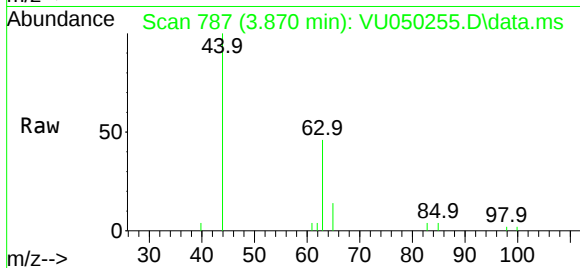
Tgt Ion: 63 Resp: 6008

Ion Ratio Lower Upper

63 100

65 30.2 22.7 42.3

83 9.4 9.8 18.2#



#22

cis-1,2-Dichloroethene

Concen: 10.101 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050255.D

Acq: 12 Aug 2022 02:35

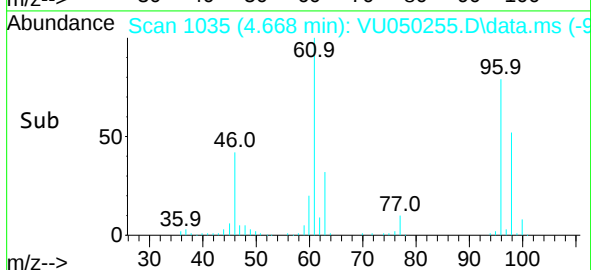
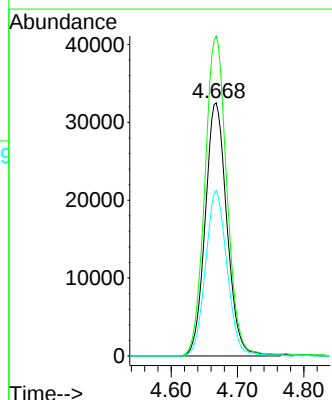
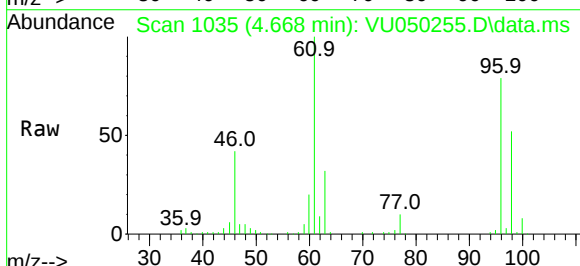
Tgt Ion: 96 Resp: 73875

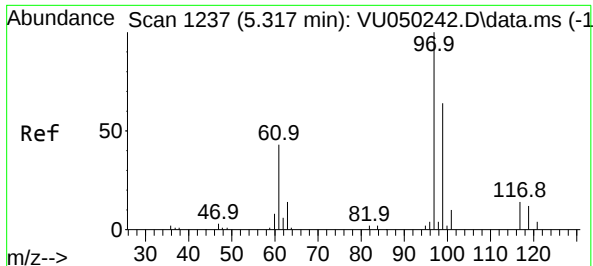
Ion Ratio Lower Upper

96 100

61 126.4 89.0 165.4

98 65.4 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 2.686 ug/L

RT: 5.317 min Scan# 1

Delta R.T. -0.000 min

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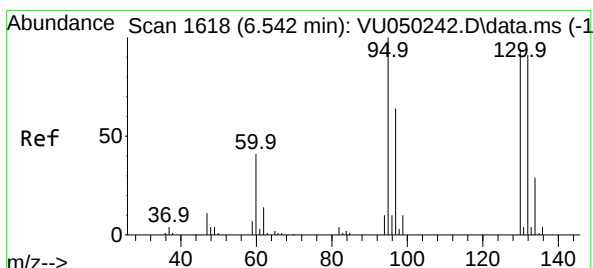
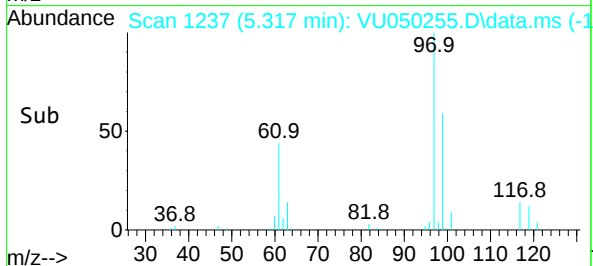
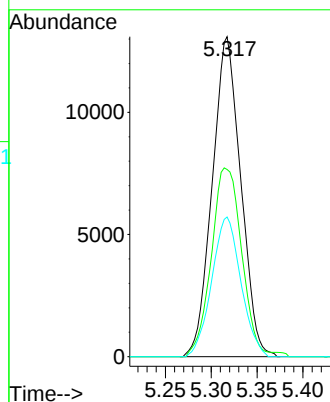
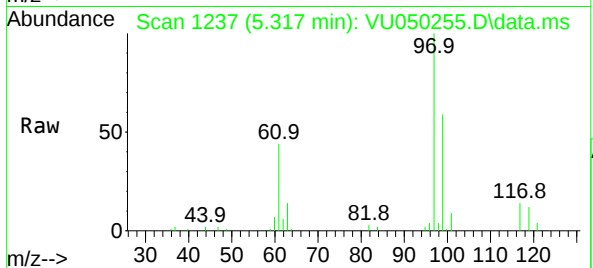
Tgt Ion: 97 Resp: 28294

Ion Ratio Lower Upper

97 100

99 63.3 51.5 77.3

61 44.7 34.2 51.4



#34

Trichloroethene

Concen: 12.830 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050255.D

Acq: 12 Aug 2022 02:35

Tgt Ion: 95 Resp: 93370

Ion Ratio Lower Upper

95 100

97 63.4 45.6 84.8

132 94.0 65.0 120.6

130 97.2 69.3 128.7

