

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081122\  
 Data File : VU050256.D  
 Acq On : 12 Aug 2022 02:59  
 Operator : SY/MD  
 Sample : N4161-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGBZ0

Quant Time: Aug 12 05:03:35 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

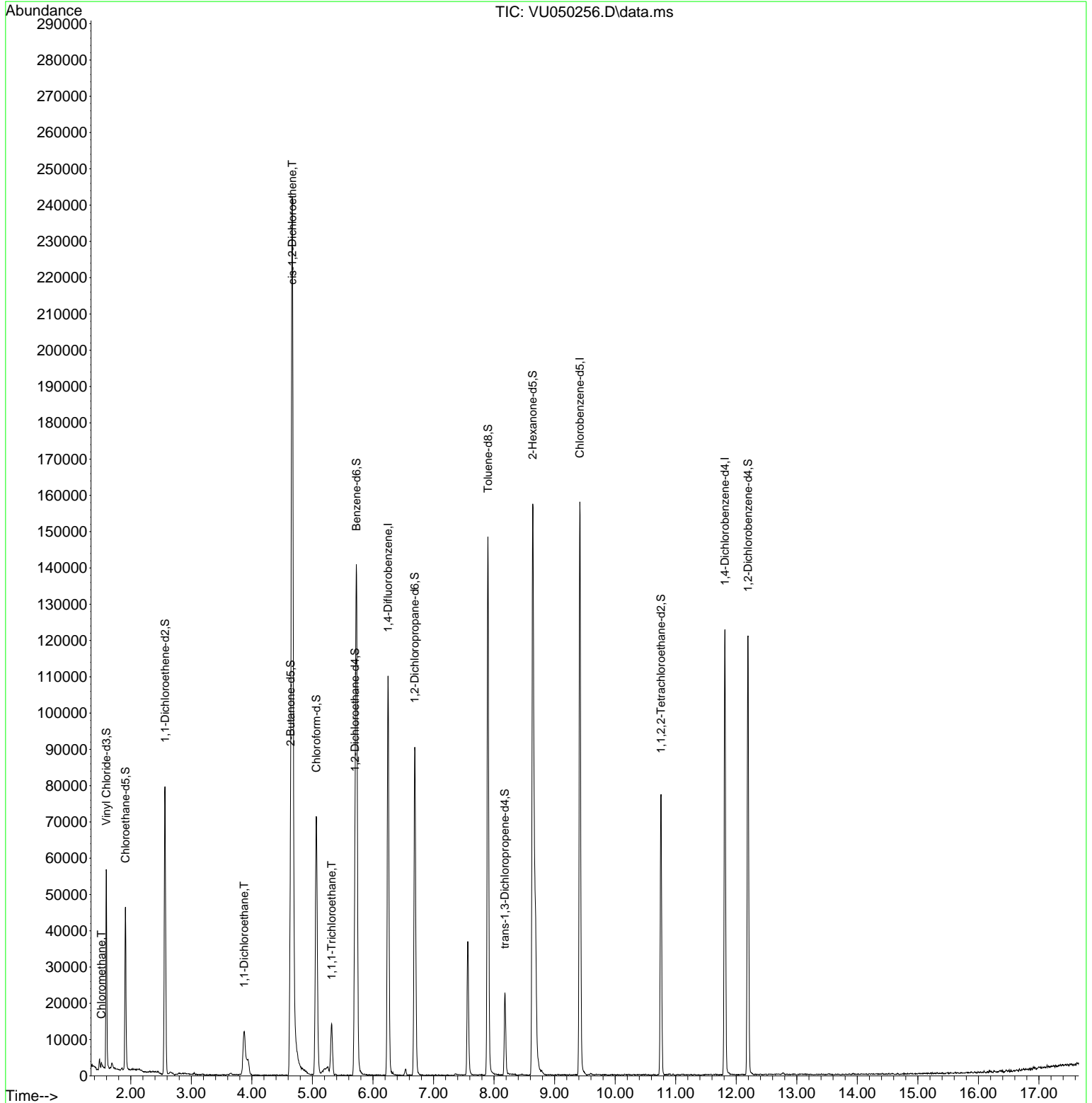
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	90762	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34085	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	39466	5.225	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.600%	
7) Chloroethane-d5	1.912	69	32989	5.413	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.200%	
11) 1,1-Dichloroethene-d2	2.565	65	15152	5.133	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.600%	
20) 2-Butanone-d5	4.639	46	101892	55.318	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.640%	
24) Chloroform-d	5.063	84	69742	4.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.703	65	37087	5.141	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	5.729	84	135269	4.727	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.690	67	46797	4.966	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.899	98	103758	4.105	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	8.179	79	13641	4.039	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.800%	
46) 2-Hexanone-d5	8.639	63	51047	42.625	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.260%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	40380	4.879	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	34315	5.138	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
3) Chloromethane	1.517	50	1403	0.129	ug/L	90
19) 1,1-Dichloroethane	3.871	63	12316	0.926	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	118199	15.160	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	10066	0.895	ug/L	94

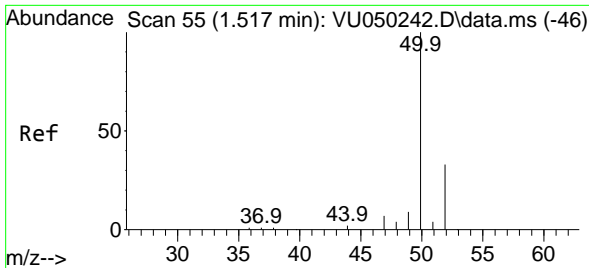
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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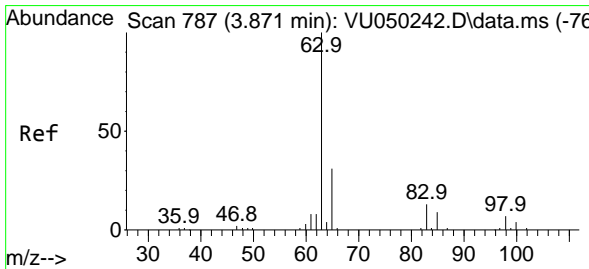
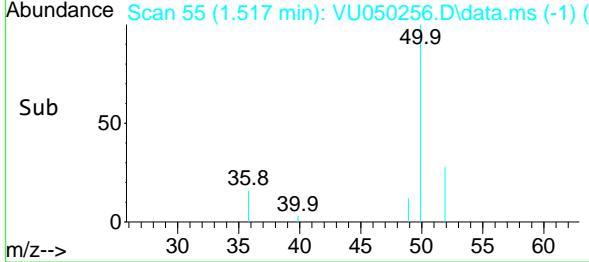
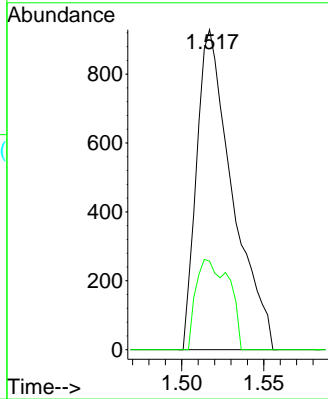
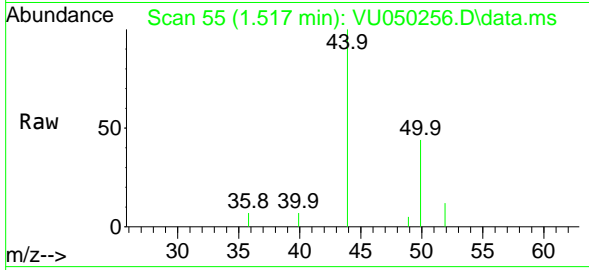




#3  
 Chloromethane  
 Concen: 0.129 ug/L  
 RT: 1.517 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VU050256.D  
 Acq: 12 Aug 2022 02:59

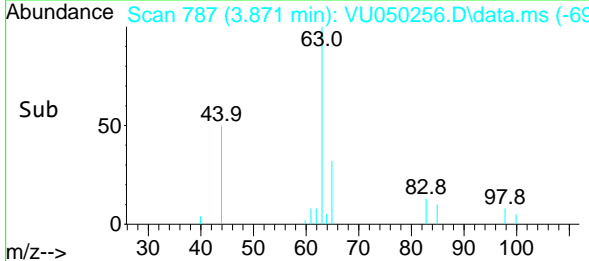
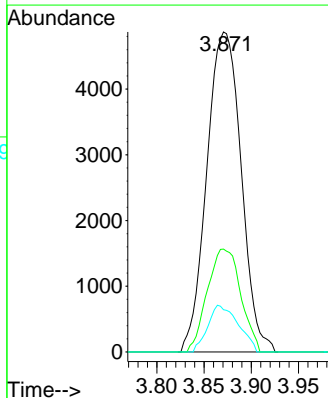
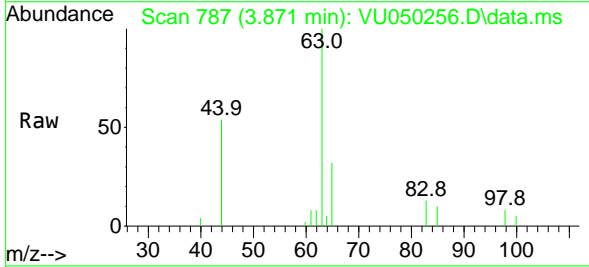
Instrument : MSVOA\_U  
 ClientSampleId : BGBZ0

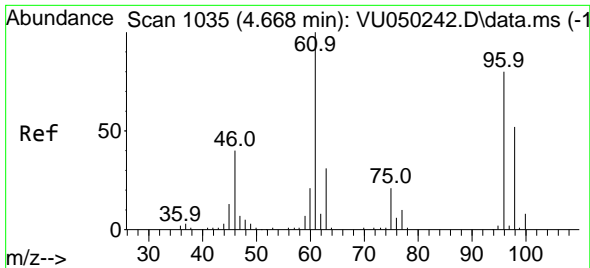
Tgt Ion: 50 Resp: 1403  
 Ion Ratio Lower Upper  
 50 100  
 52 27.7 23.2 43.2



#19  
 1,1-Dichloroethane  
 Concen: 0.926 ug/L  
 RT: 3.871 min Scan# 787  
 Delta R.T. -0.000 min  
 Lab File: VU050256.D  
 Acq: 12 Aug 2022 02:59

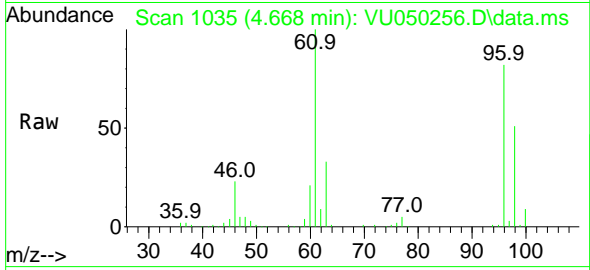
Tgt Ion: 63 Resp: 12316  
 Ion Ratio Lower Upper  
 63 100  
 65 32.2 22.7 42.3  
 83 13.2 9.8 18.2



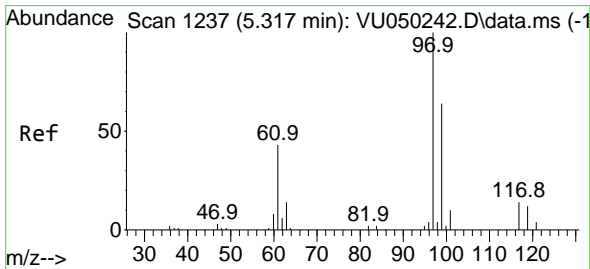
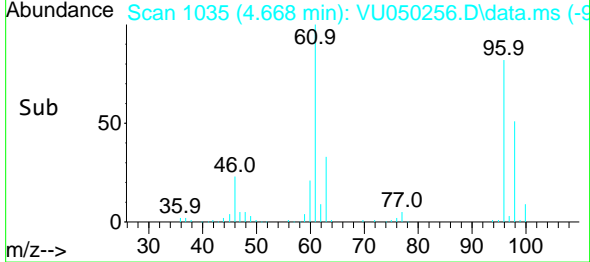
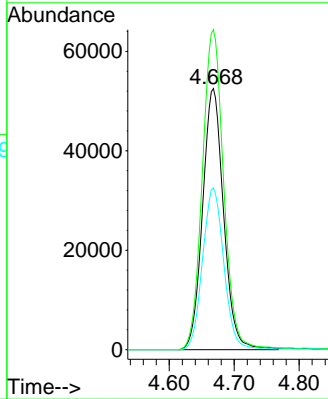


#22  
 cis-1,2-Dichloroethene  
 Concen: 15.160 ug/L  
 RT: 4.668 min Scan# 1035  
 Delta R.T. -0.000 min  
 Lab File: VU050256.D  
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Instrument : MSVOA\_U  
 ClientSampleId : BGBZ0



Tgt Ion: 96 Resp: 118199  
 Ion Ratio Lower Upper  
 96 100  
 61 122.6 89.0 165.4  
 98 62.0 45.2 84.0



#29  
 1,1,1-Trichloroethane  
 Concen: 0.895 ug/L  
 RT: 5.317 min Scan# 1237  
 Delta R.T. -0.000 min  
 Lab File: VU050256.D  
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Tgt Ion: 97 Resp: 10066  
 Ion Ratio Lower Upper  
 97 100  
 99 67.5 51.5 77.3  
 61 48.2 34.2 51.4

