

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051203.D
 Acq On : 07 Oct 2022 04:00
 Operator : JC/MD
 Sample : N4893-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J21

Quant Time: Oct 07 06:31:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

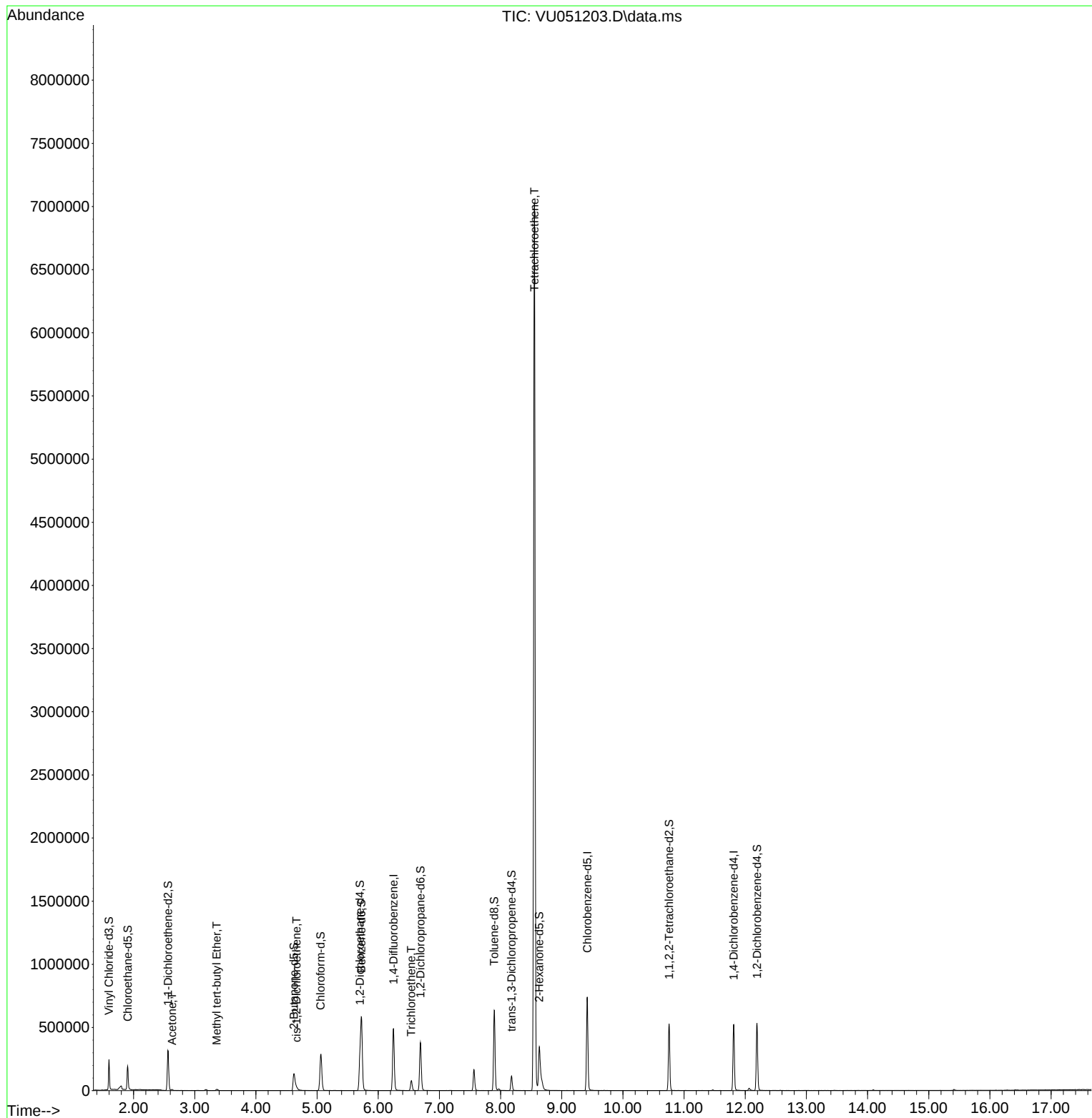
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	393332	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	413651	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	141850	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	158758	39.827	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	79.660%	
7) Chloroethane-d5	1.903	69	139393	37.644	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	75.280%	
11) 1,1-Dichloroethene-d2	2.562	63	187185	31.789	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.580%	
21) 2-Butanone-d5	4.620	46	189647	73.353	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	73.350%	
24) Chloroform-d	5.060	84	271619	42.293	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.580%	
26) 1,2-Dichloroethane-d4	5.700	65	175408	44.126	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.260%	
32) Benzene-d6	5.726	84	538780	44.479	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.960%	
36) 1,2-Dichloropropane-d6	6.690	67	185695	47.243	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.480%	
41) Toluene-d8	7.896	98	425977	38.062	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	76.120%#	
43) trans-1,3-Dichloroprop...	8.179	79	64381	34.340	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.680%	
47) 2-Hexanone-d5	8.632	63	93251	58.754	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	58.750%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	267054	38.875	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	77.760%	
66) 1,2-Dichlorobenzene-d4	12.192	152	140567	46.387	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.780%	
Target Compounds						
					Qvalue	
13) Acetone	2.629	43	8449	4.092	ug/L	100
18) Methyl tert-butyl Ether	3.359	73	9032	0.996	ug/L #	81
20) cis-1,2-Dichloroethene	4.665	96	6102	1.831	ug/L	97
34) Trichloroethene	6.539	95	26048	7.975	ug/L	98
46) Tetrachloroethene	8.552	164	1536773	620.834	ug/L	99

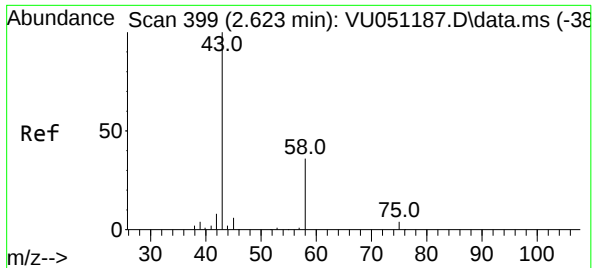
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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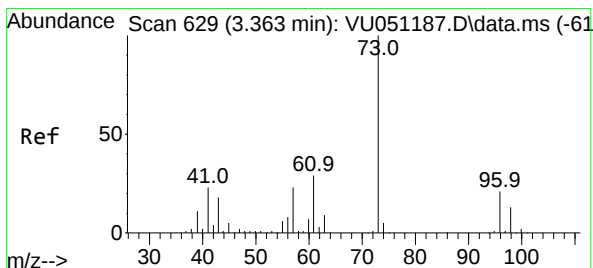
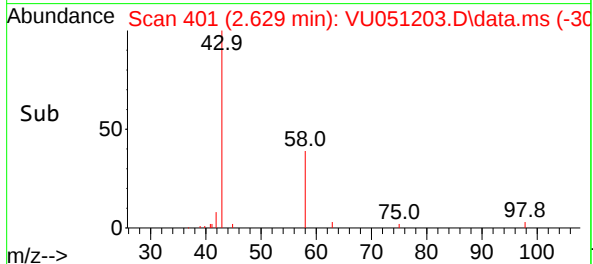
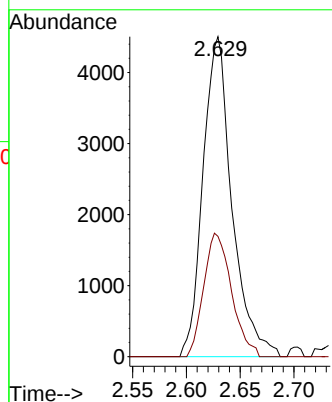
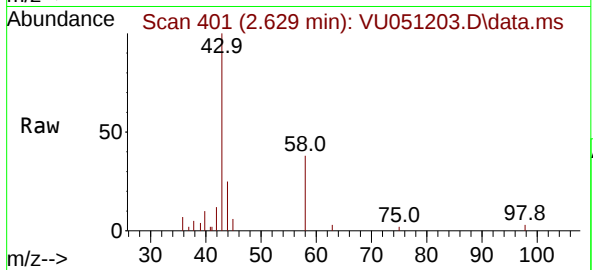




#13
Acetone
Concen: 4.092 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU051203.D
Acq: 07 Oct 2022 04:00

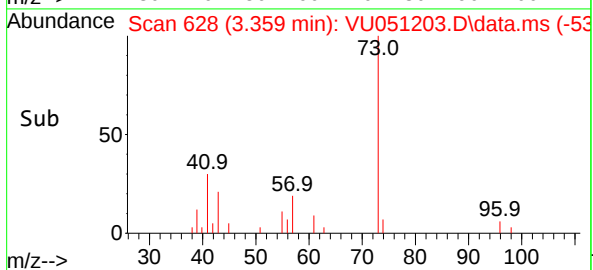
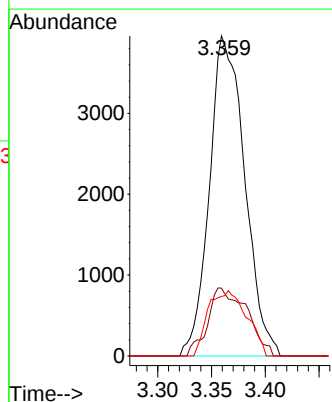
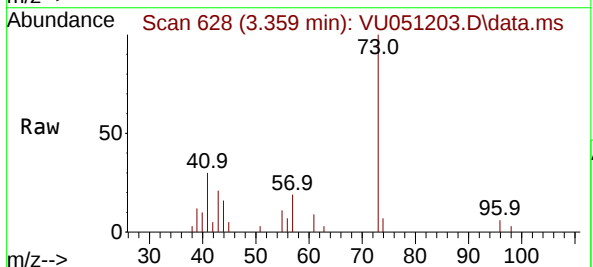
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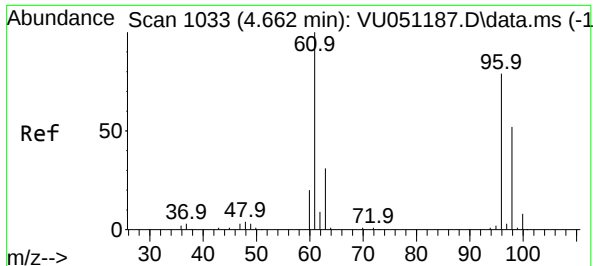
Tgt Ion: 43 Resp: 8449
Ion Ratio Lower Upper
43 100
58 36.9 0.0 73.6



#18
Methyl tert-butyl Ether
Concen: 0.996 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU051203.D
Acq: 07 Oct 2022 04:00

Tgt Ion: 73 Resp: 9032
Ion Ratio Lower Upper
73 100
43 18.1 14.7 22.1
57 5.8 17.5 26.3#

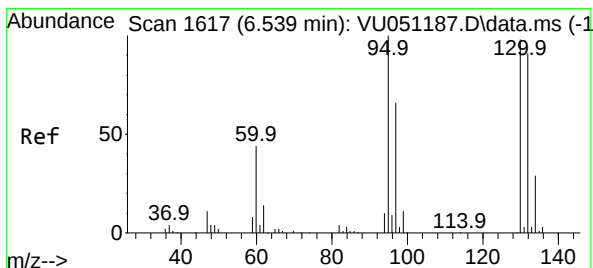
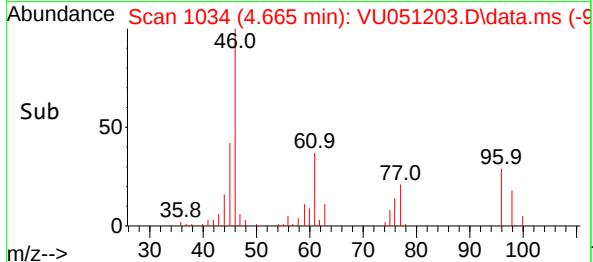
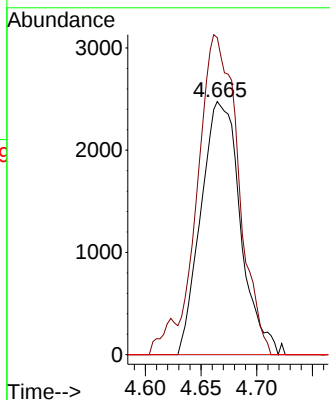
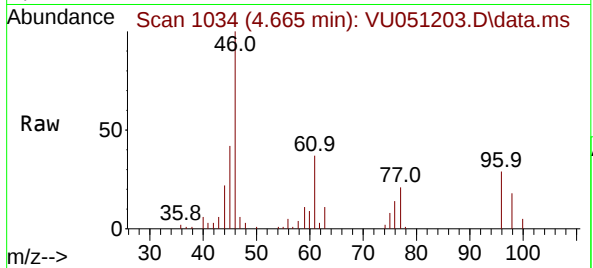




#20
 cis-1,2-Dichloroethene
 Concen: 1.831 ug/L
 RT: 4.665 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU051203.D
 Acq: 07 Oct 2022 04:00

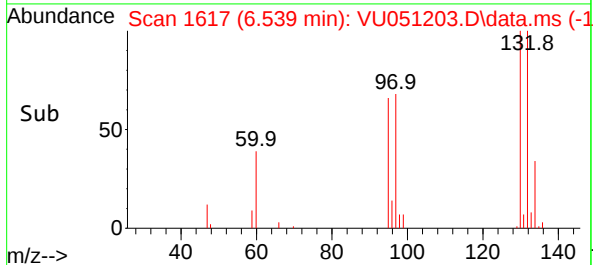
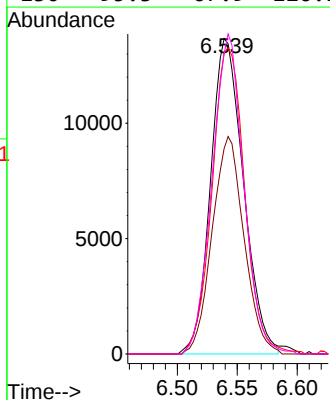
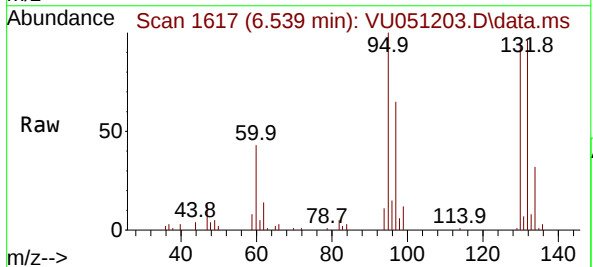
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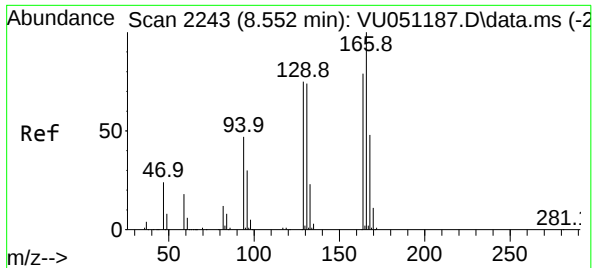
Tgt Ion: 96 Resp: 6102
 Ion Ratio Lower Upper
 96 100
 61 125.3 85.4 158.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 7.975 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU051203.D
 Acq: 07 Oct 2022 04:00

Tgt Ion: 95 Resp: 26048
 Ion Ratio Lower Upper
 95 100
 97 65.2 45.9 85.3
 132 95.5 64.0 119.0
 130 95.3 67.9 126.1





#46
Tetrachloroethene
Concen: 620.834 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051203.D
Acq: 07 Oct 2022 04:00

Instrument :
MSVOA_U
ClientSampleId :
F5J21

Tgt Ion:164 Resp: 1536773
Ion Ratio Lower Upper
164 100
129 99.6 68.1 126.5
131 95.6 67.8 126.0
166 128.3 90.5 168.1

