

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051330.D
 Acq On : 10 Oct 2022 16:27
 Operator : JC/MD
 Sample : N5041-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS19

Quant Time: Oct 11 01:02:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 00:58:34 2022
 Response via : Initial Calibration

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

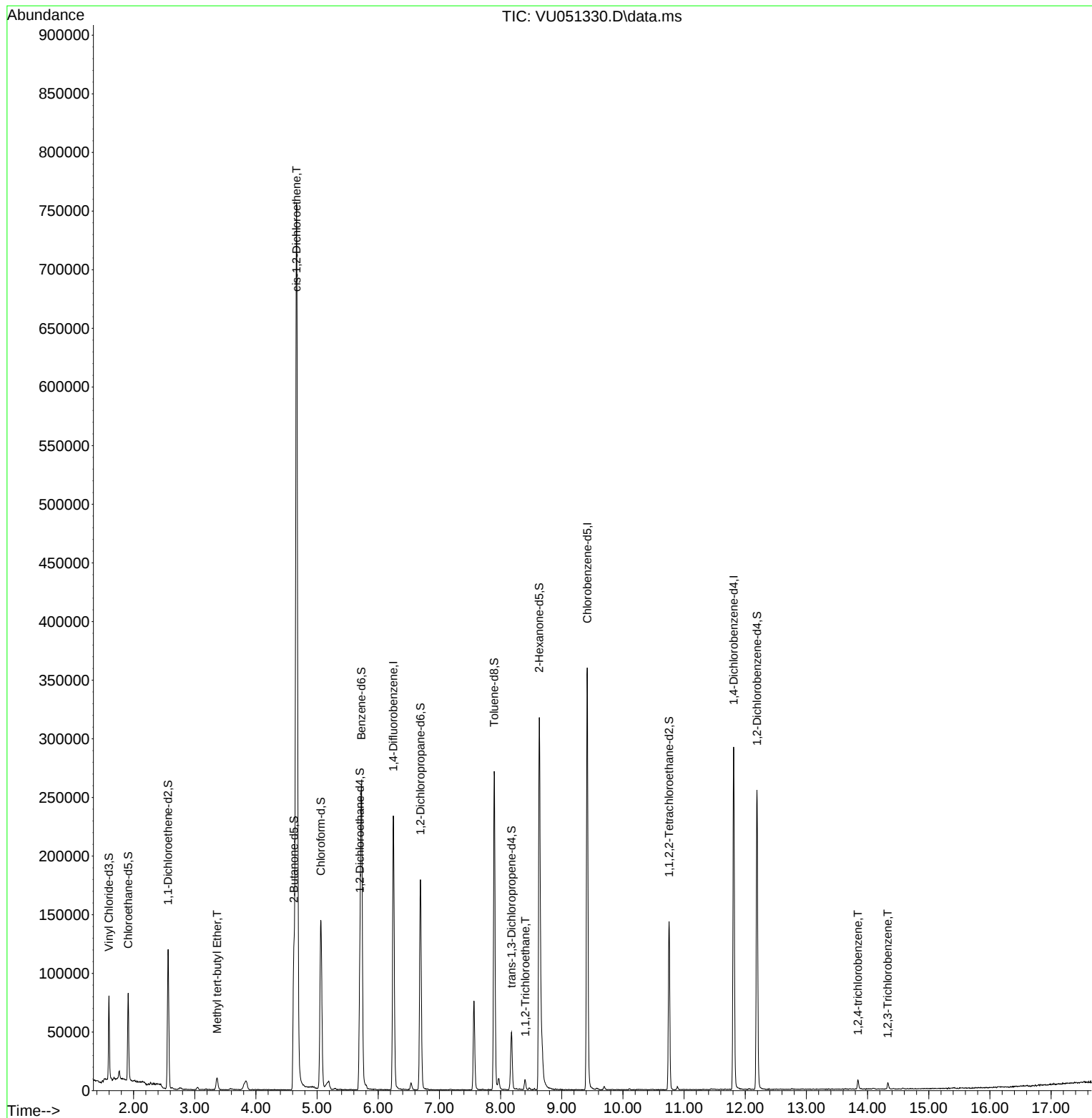
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	186860	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52379	3.475	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.600%	
7) Chloroethane-d5	1.912	69	54729	4.226	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.600%	
11) 1,1-Dichloroethene-d2	2.565	65	22547	3.784	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.600%	
20) 2-Butanone-d5	4.620	46	169405	51.048	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.100%	
24) Chloroform-d	5.060	84	135619	4.826	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.700	65	71926	4.963	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.726	84	244321	4.385	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.690	67	88023	4.652	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.896	98	183780	3.687	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
43) trans-1,3-Dichloroprop...	8.179	79	25660	4.128	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.632	63	92260	44.036	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.080%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	72200	4.777	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	67688	4.854	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.366	73	10135	0.325	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	394944	24.871	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	2814	0.216	ug/L #	90
70) 1,2,4-trichlorobenzene	13.841	180	3020	0.245	ug/L	93
72) 1,2,3-Trichlorobenzene	14.330	180	2133	0.167	ug/L	96

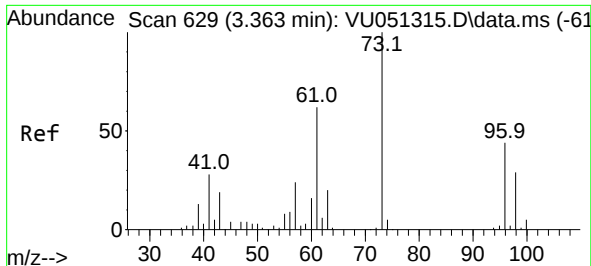
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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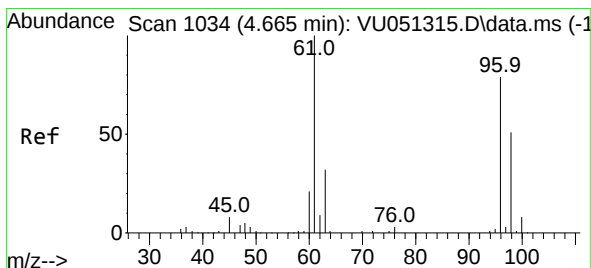
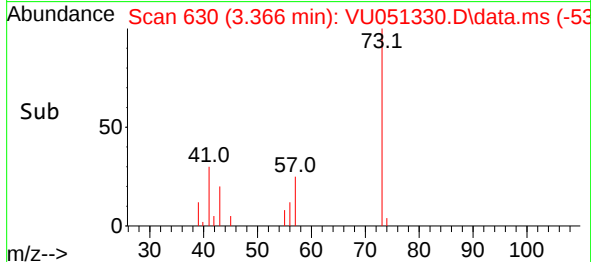
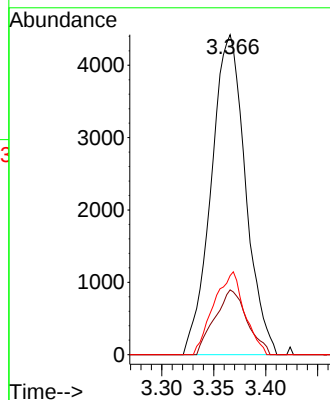
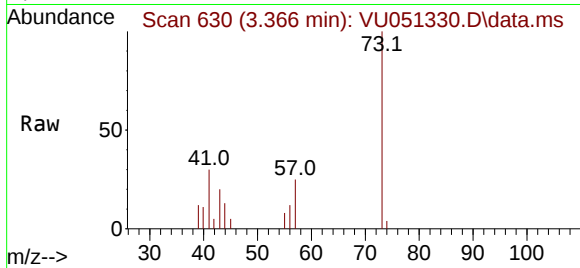




#17
Methyl tert-butyl Ether
Concen: 0.325 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27

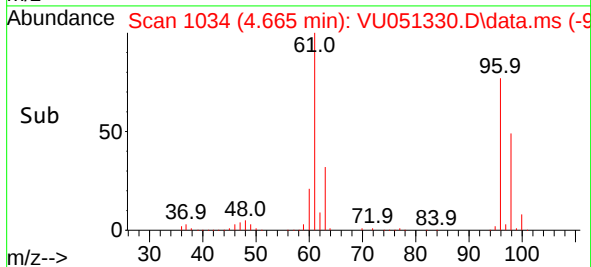
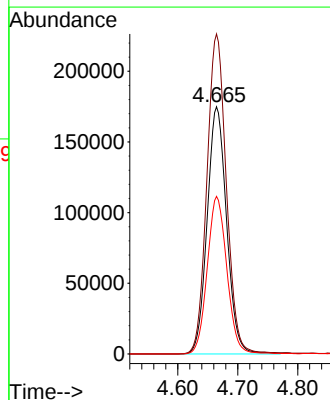
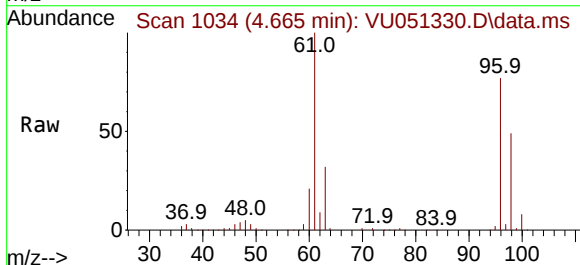
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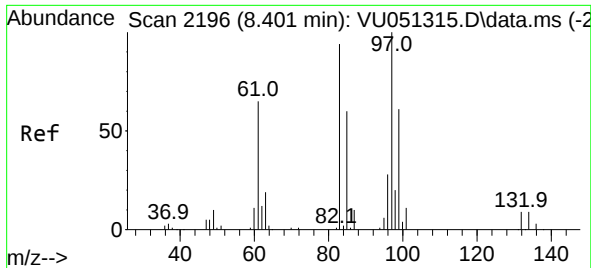
Tgt Ion: 73	Resp:	10135
Ion	Ratio	Lower Upper
73	100	
43	19.1	15.4 23.0
57	23.3	18.9 28.3



#22
cis-1,2-Dichloroethene
Concen: 24.871 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27

Tgt Ion: 96	Resp:	394944
Ion	Ratio	Lower Upper
96	100	
61	129.4	90.6 168.2
98	63.7	47.5 88.3

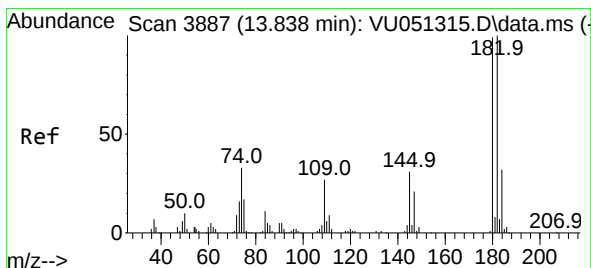
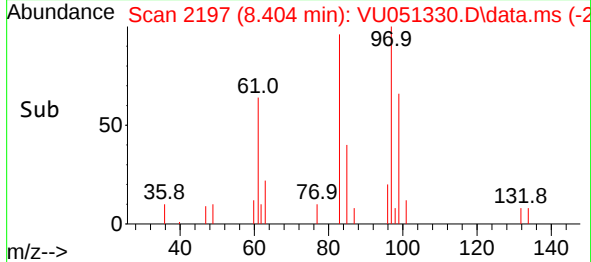
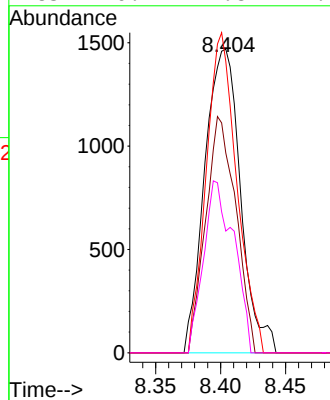
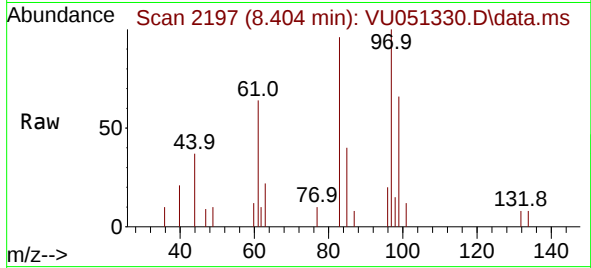




#45
 1,1,2-Trichloroethane
 Concen: 0.216 ug/L
 RT: 8.404 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051330.D
 Acq: 10 Oct 2022 16:27

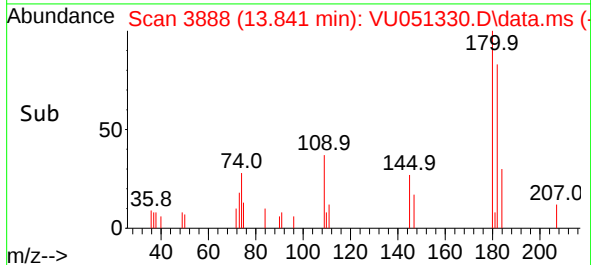
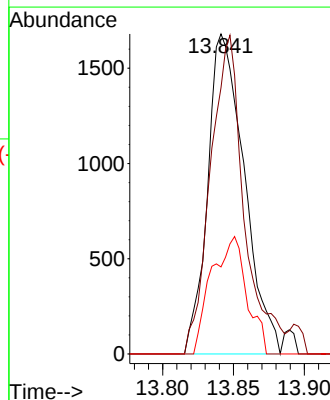
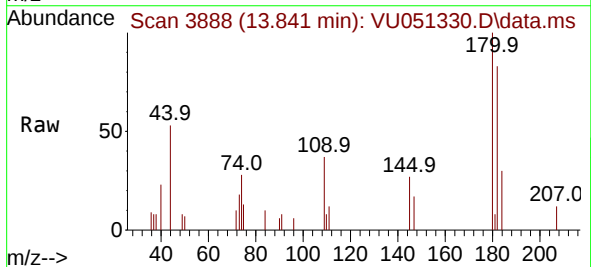
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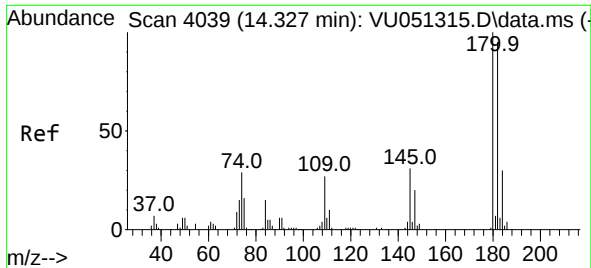
Tgt Ion: 97	Resp: 2814
Ion Ratio	Lower Upper
97 100	
99 65.8	45.3 84.1
83 96.0	63.1 117.1
85 40.1	41.8 77.6#



#70
 1,2,4-trichlorobenzene
 Concen: 0.245 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU051330.D
 Acq: 10 Oct 2022 16:27

Tgt Ion:180	Resp:	3020	
Ion	Ratio	Lower	Upper
180	100		
182	92.0	78.7	118.1
145	35.5	25.0	37.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.167 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU051330.D
 Acq: 10 Oct 2022 16:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS19

Tgt Ion:	180	Resp:	2133
Ion Ratio	Lower	Upper	
180	100		
182	98.7	76.6	114.8
145	29.7	25.8	38.8

