

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053495.D
 Acq On : 31 Mar 2023 16:36
 Operator : JC/MD
 Sample : 02037-02DL2 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45E5DL2

Quant Time: Apr 01 05:07:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

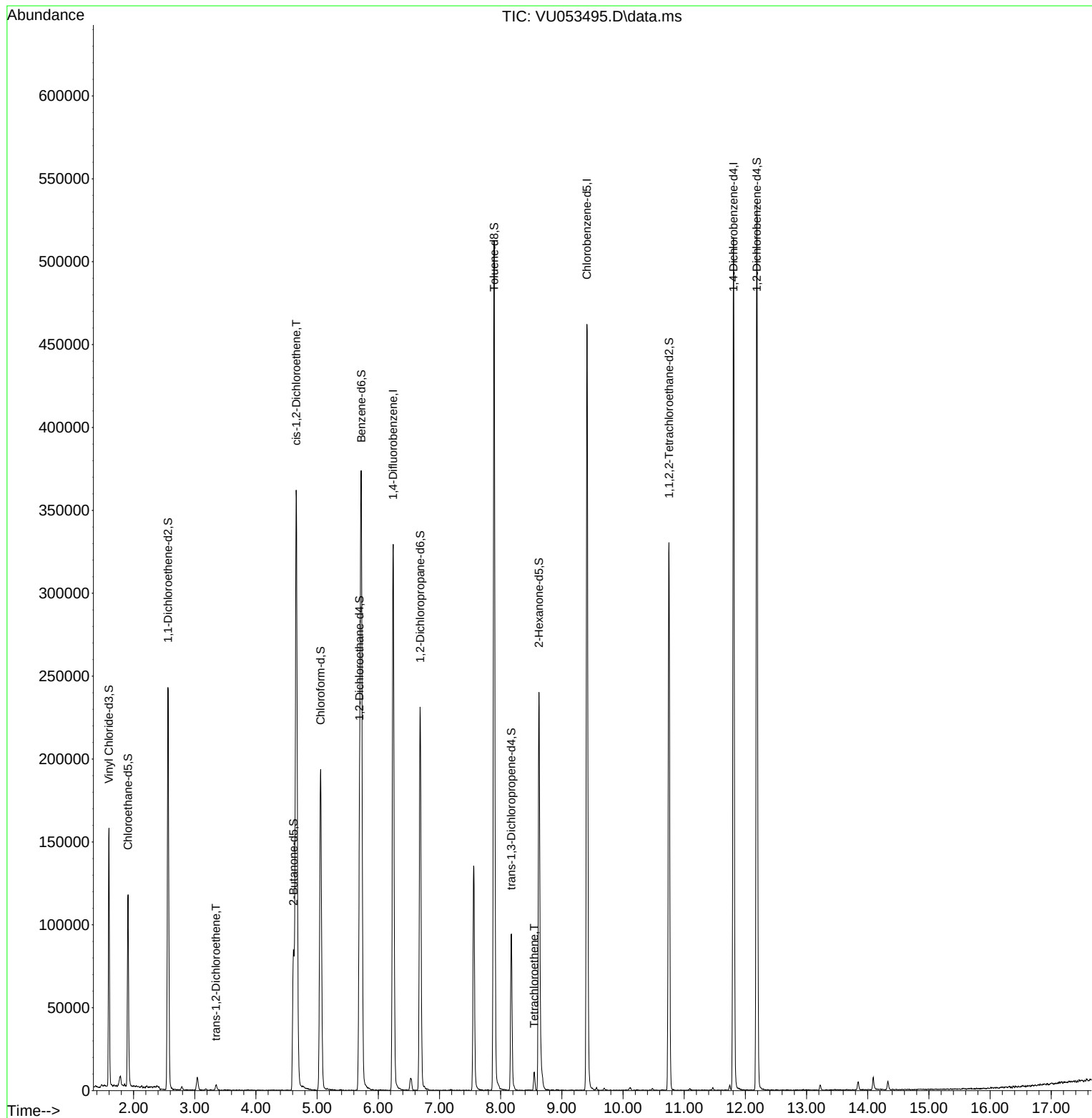
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	298110	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	279788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	143974	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	109752	47.281	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.560%	
7) Chloroethane-d5	1.909	69	84558	47.246	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.500%	
11) 1,1-Dichloroethene-d2	2.562	63	133095	37.040	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.080%	
21) 2-Butanone-d5	4.613	46	113415	107.915	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	107.910%	
24) Chloroform-d	5.057	84	176710	46.031	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.060%	
26) 1,2-Dichloroethane-d4	5.694	65	112986	49.808	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.620%	
32) Benzene-d6	5.723	84	369133	48.877	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.760%	
36) 1,2-Dichloropropane-d6	6.684	67	110726	47.967	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.940%	
41) Toluene-d8	7.893	98	358170	47.716	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.440%	
43) trans-1,3-Dichloroprop...	8.173	79	55074	46.220	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.440%	
47) 2-Hexanone-d5	8.626	63	83303	105.739	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.740%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	158174	48.616	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.240%	
66) 1,2-Dichlorobenzene-d4	12.189	152	151161	50.299	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
17) trans-1,2-Dichloroethene	3.347	96	1710	0.930	ug/L	83
20) cis-1,2-Dichloroethene	4.658	96	199915	94.148	ug/L	98
46) Tetrachloroethene	8.549	164	2530	1.383	ug/L	93

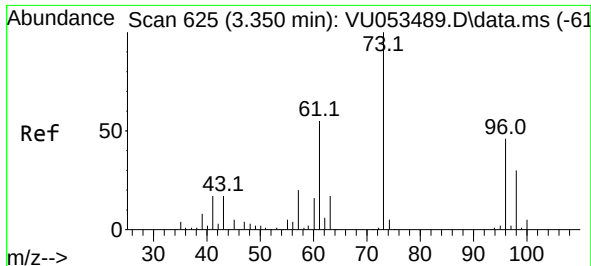
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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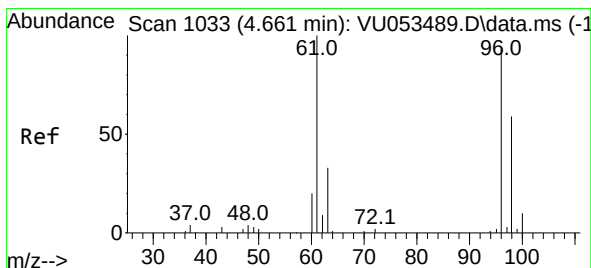
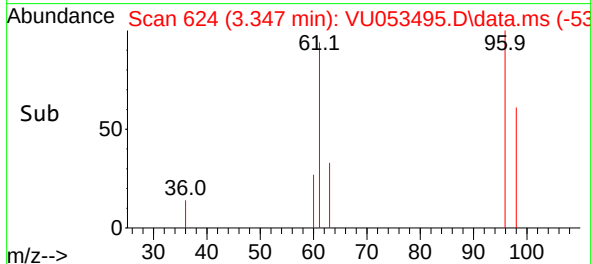
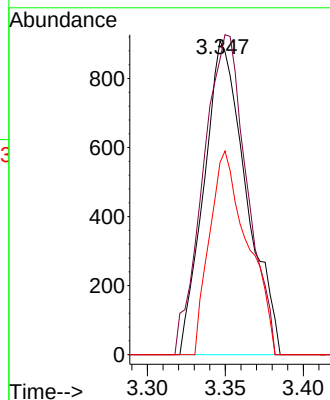
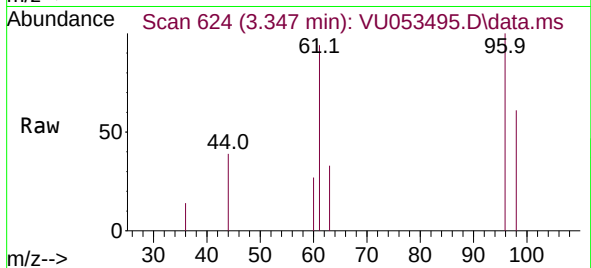




#17
 trans-1,2-Dichloroethene
 Concen: 0.930 ug/L
 RT: 3.347 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VU053495.D
 Acq: 31 Mar 2023 16:36

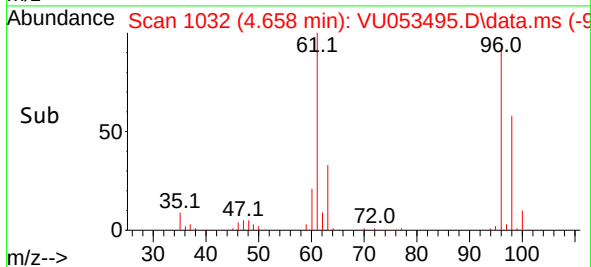
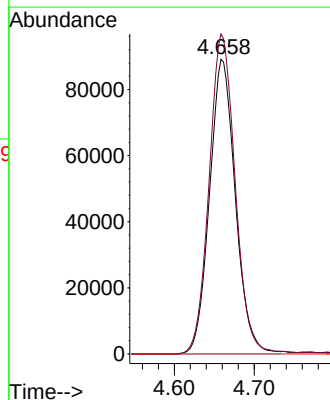
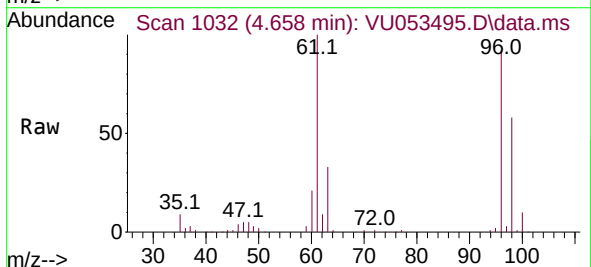
Instrument :
 MSVOA_U
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 E45E5DL2

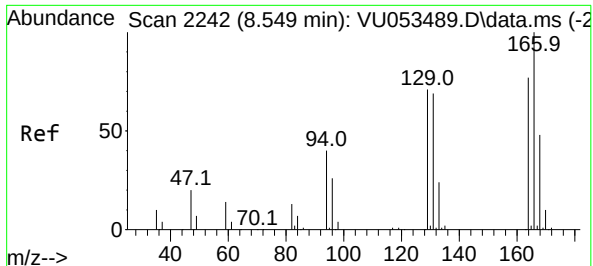
Tgt Ion: 96 Resp: 1710
 Ion Ratio Lower Upper
 96 100
 61 94.2 84.4 156.8
 98 61.3 46.0 85.4



#20
 cis-1,2-Dichloroethene
 Concen: 94.148 ug/L
 RT: 4.658 min Scan# 1032
 Delta R.T. -0.003 min
 Lab File: VU053495.D
 Acq: 31 Mar 2023 16:36

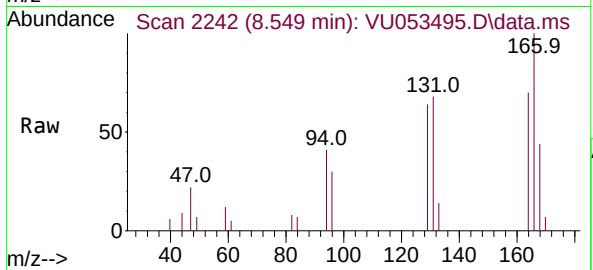
Tgt Ion: 96 Resp: 199915
 Ion Ratio Lower Upper
 96 100
 61 108.6 74.7 138.7
 68 0.0 0.0 0.0





#46
 Tetrachloroethene
 Concen: 1.383 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU053495.D
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Tgt Ion:	164	Resp:	2530
Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.0	119.0
131	97.0	61.9	115.1
166	142.0	90.6	168.2

