

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050329.D
 Acq On : 13 Aug 2022 19:31
 Operator : SY/MD
 Sample : N4115-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E44

Quant Time: Aug 14 01:29:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Aug 14 01:24:58 2022
 Response via : Initial Calibration

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

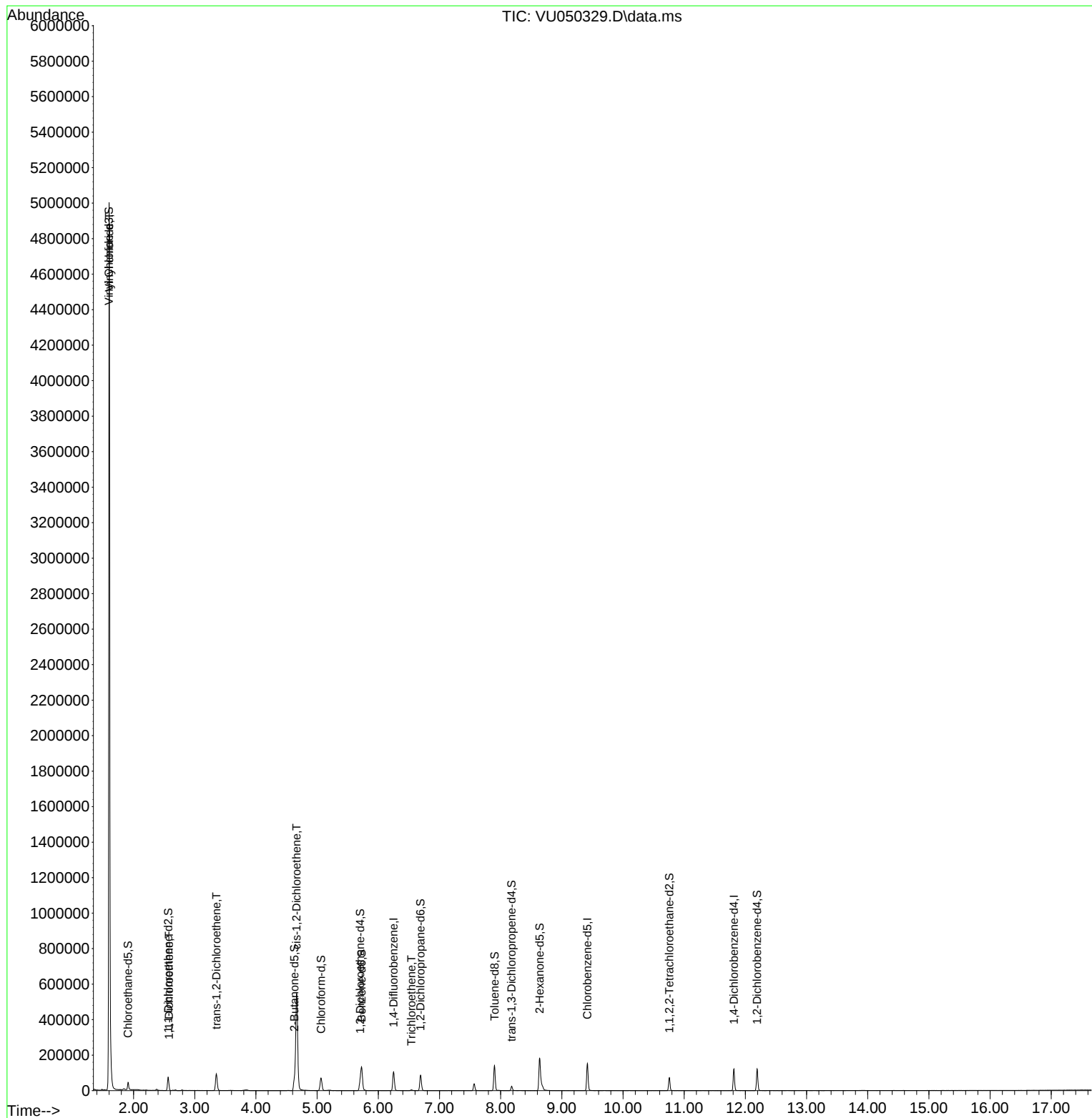
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	88885	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	86337	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	33577	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	64929	8.778	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	175.600%	#
7) Chloroethane-d5		1.909	69	29914	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2		2.565	65	13975	4.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%	
20) 2-Butanone-d5		4.629	46	101767	56.417	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.840%	
24) Chloroform-d		5.063	84	65240	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4		5.703	65	35018	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%	
32) Benzene-d6		5.726	84	128584	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6		6.690	67	43436	4.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%	
41) Toluene-d8		7.899	98	98924	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...		8.179	79	14509	4.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5		8.636	63	58167	51.591	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.180%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	38682	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4		12.192	152	32932	5.006	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%	
Target Compounds							
						Qvalue	
5) Vinyl chloride		1.600	62	3572781	374.150	ug/L	100
12) 1,1-Dichloroethene		2.578	96	1555	0.253	ug/L #	1
18) trans-1,2-Dichloroethene		3.353	96	40637	5.907	ug/L	98
22) cis-1,2-Dichloroethene		4.665	96	286934	37.579	ug/L	99
34) Trichloroethene		6.542	95	1474	0.201	ug/L	95

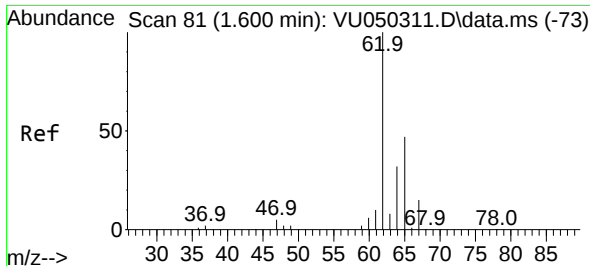
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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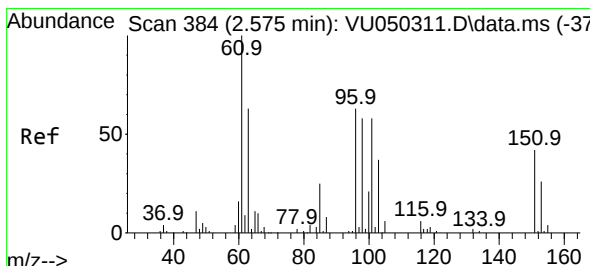
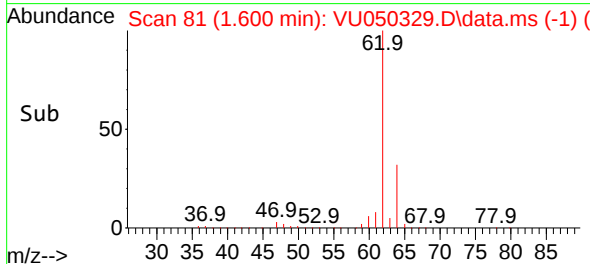
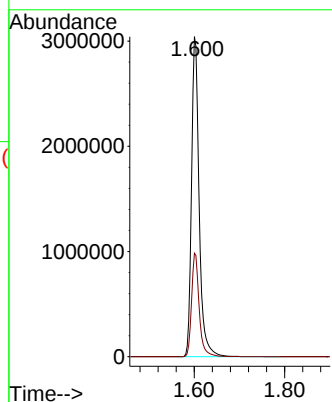
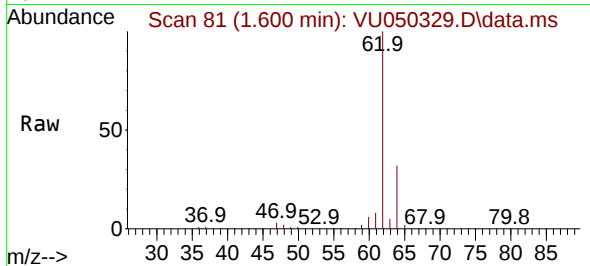




#5
 Vinyl chloride
 Concen: 374.150 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050329.D
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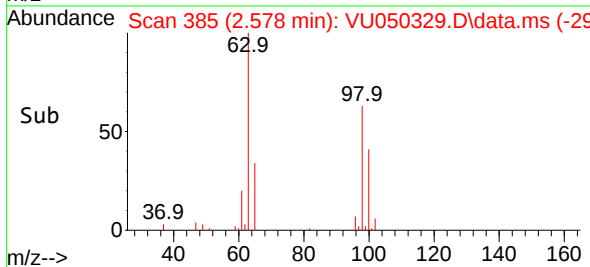
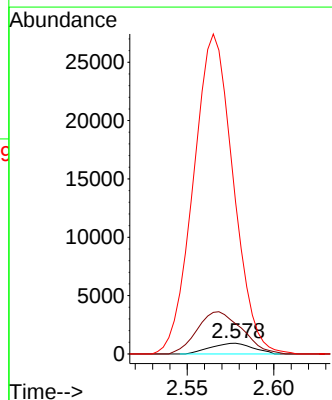
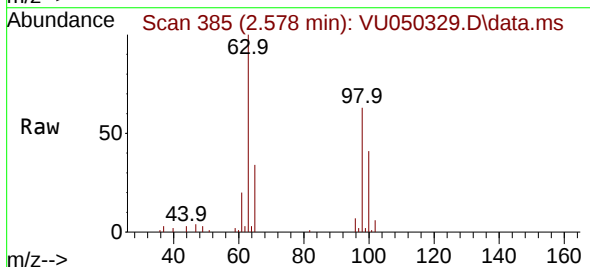
Instrument :
 MSVOA_U
 ClientSampleId :
 F5E44

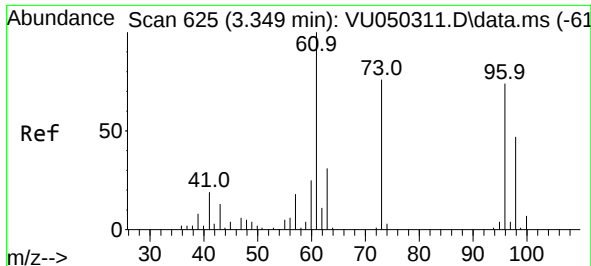
Tgt Ion: 62 Resp: 3572781
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.253 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050329.D
 Acq: 13 Aug 2022 19:31

Tgt Ion: 96 Resp: 1555
 Ion Ratio Lower Upper
 96 100
 61 283.4 122.7 227.9#
 63 1429.0 85.1 158.1#

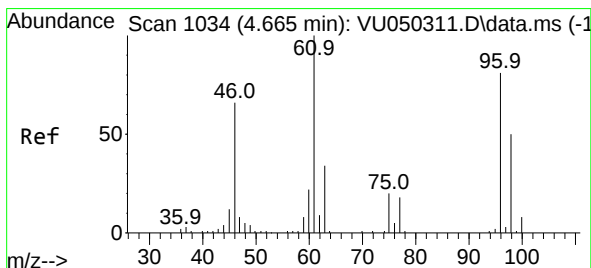
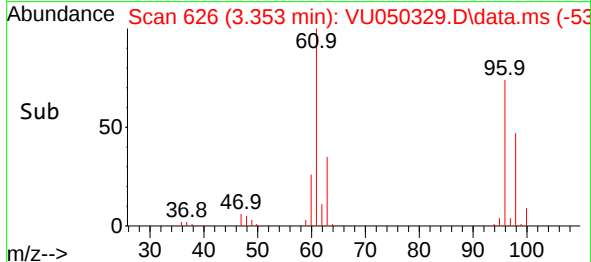
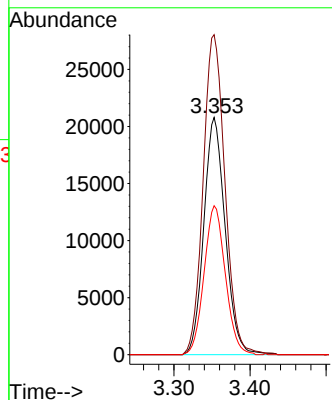
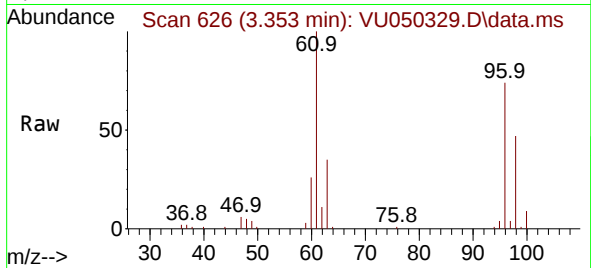




#18
trans-1,2-Dichloroethene
Concen: 5.907 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050329.D
Acq: 13 Aug 2022 19:31

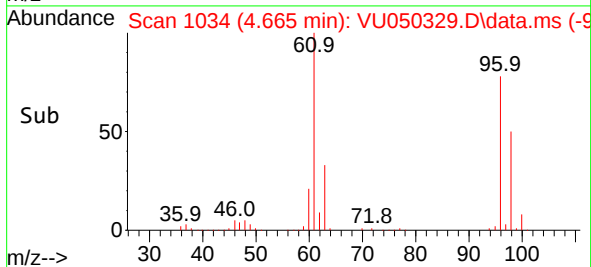
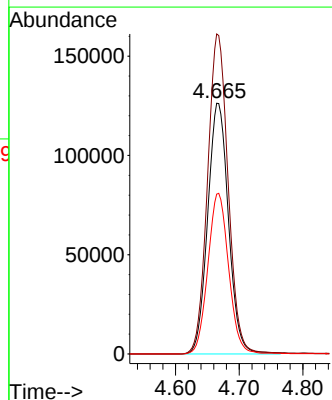
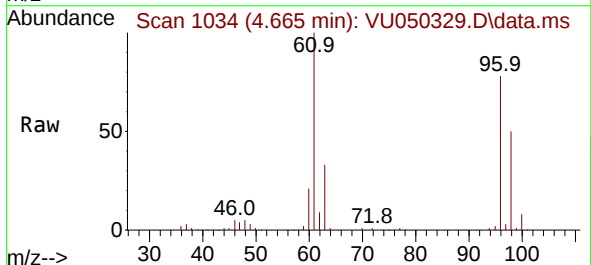
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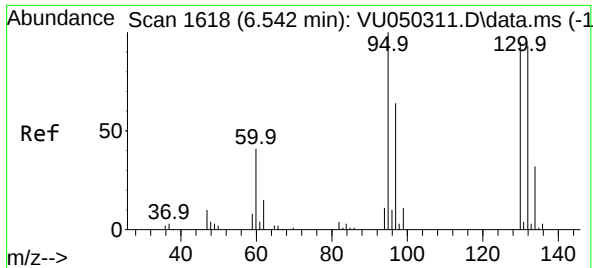
Tgt Ion: 96 Resp: 40637
Ion Ratio Lower Upper
96 100
61 134.9 92.3 171.5
98 62.8 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 37.579 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050329.D
Acq: 13 Aug 2022 19:31

Tgt Ion: 96 Resp: 286934
Ion Ratio Lower Upper
96 100
61 127.6 89.0 165.4
98 63.8 45.2 84.0





#34
 Trichloroethene
 Concen: 0.201 ug/L
 RT: 6.542 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU050329.D
 Acq: 13 Aug 2022 19:31

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E44

Tgt Ion: 95	Resp: 1474
Ion Ratio	Lower Upper
95 100	
97 70.5	45.6 84.8
132 92.8	65.0 120.6
130 90.6	69.3 128.7

