

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051250.D
 Acq On : 08 Oct 2022 04:52
 Operator : JC/MD
 Sample : N4900-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFS3

Quant Time: Oct 08 23:47:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

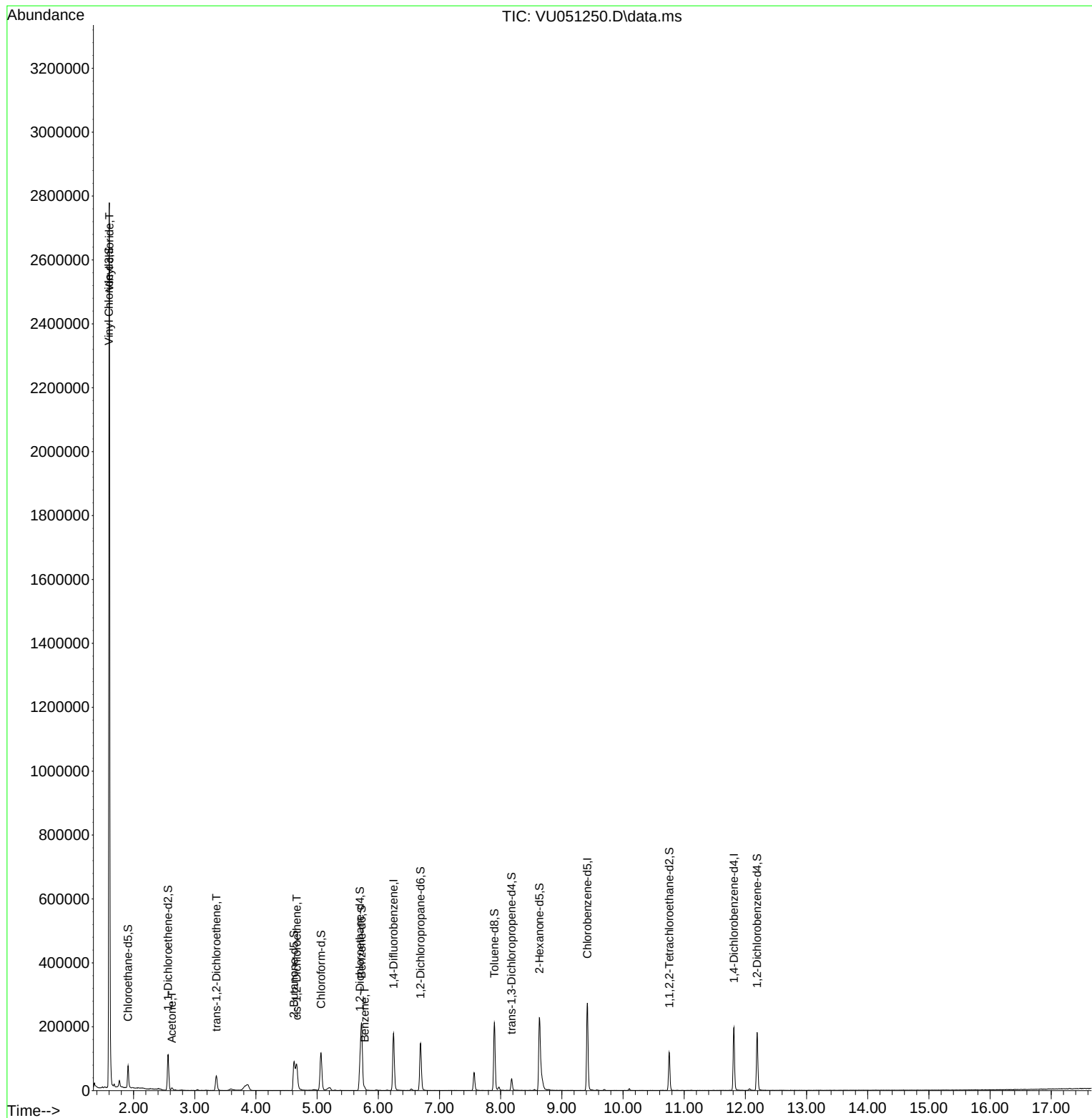
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	140440	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	153408	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	52586	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	69911	6.171	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.400%	
7) Chloroethane-d5		1.909	69	49175	5.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2		2.562	65	21808	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%	
20) 2-Butanone-d5		4.620	46	131502	52.724	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.440%	
24) Chloroform-d		5.063	84	110915	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%	
26) 1,2-Dichloroethane-d4		5.700	65	60163	5.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%	
32) Benzene-d6		5.726	84	197335	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6		6.690	67	72380	5.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%	
41) Toluene-d8		7.896	98	146800	3.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...		8.179	79	20625	4.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5		8.632	63	59897	37.742	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.480%	
56) 1,1,2,2-Tetrachloroeth...		10.754	84	61564	5.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%	
66) 1,2-Dichlorobenzene-d4		12.192	152	48060	5.258	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%	
Target Compounds							
5) Vinyl chloride		1.604	62	1861304	117.970	ug/L	97
13) Acetone		2.626	43	9231	4.935	ug/L	96
18) trans-1,2-Dichloroethene		3.353	96	19910	1.848	ug/L	98
22) cis-1,2-Dichloroethene		4.668	96	36985	3.099	ug/L	97
33) Benzene		5.777	78	7934	0.155	ug/L	100

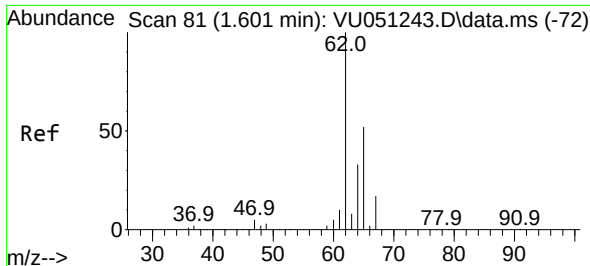
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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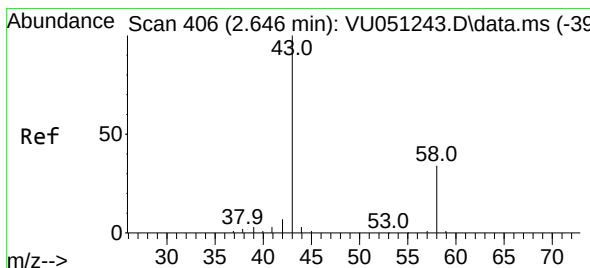
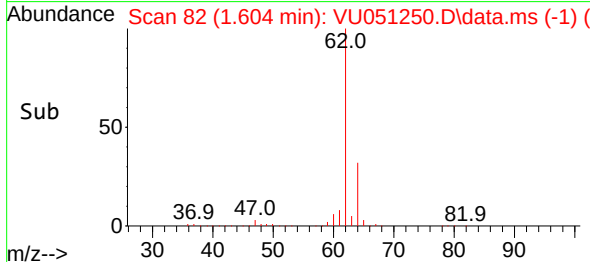
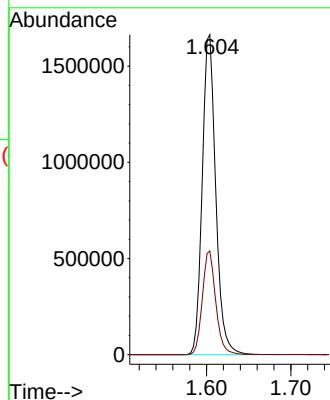
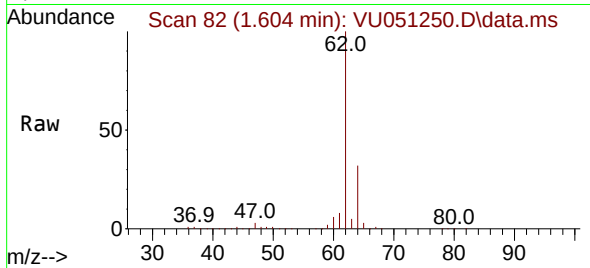




#5
 Vinyl chloride
 Concen: 117.970 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051250.D
 Acq: 08 Oct 2022 04:52

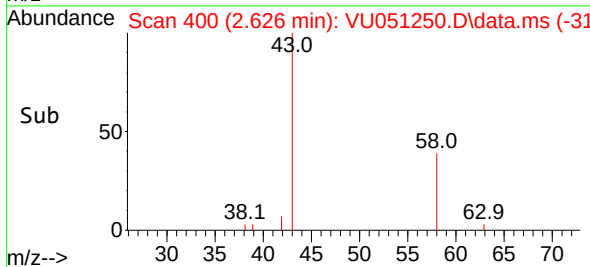
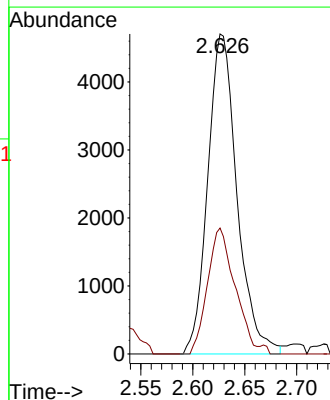
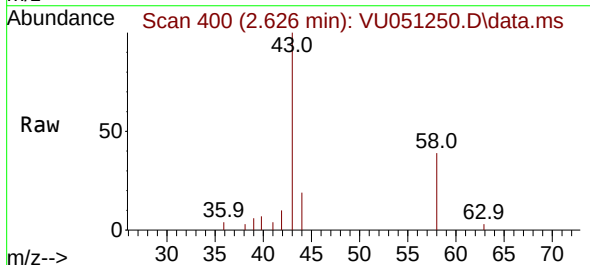
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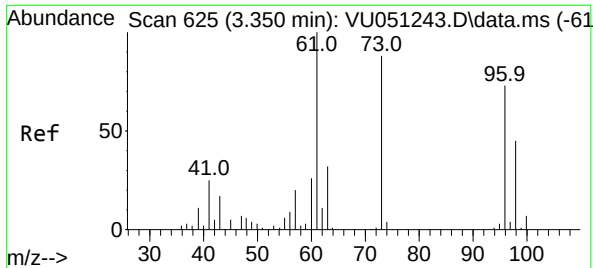
Tgt Ion: 62 Resp: 1861304
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.0 44.6



#13
 Acetone
 Concen: 4.935 ug/L
 RT: 2.626 min Scan# 400
 Delta R.T. -0.019 min
 Lab File: VU051250.D
 Acq: 08 Oct 2022 04:52

Tgt Ion: 43 Resp: 9231
 Ion Ratio Lower Upper
 43 100
 58 36.7 0.0 68.8

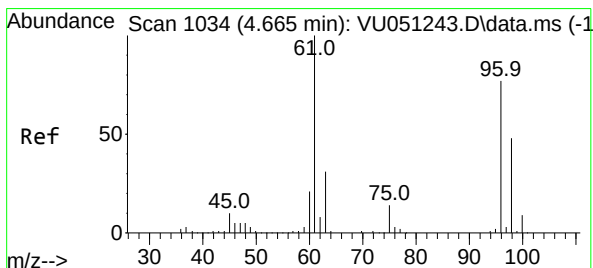
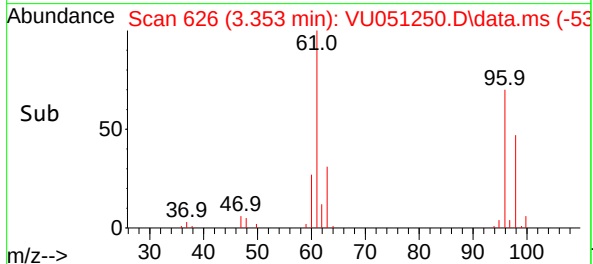
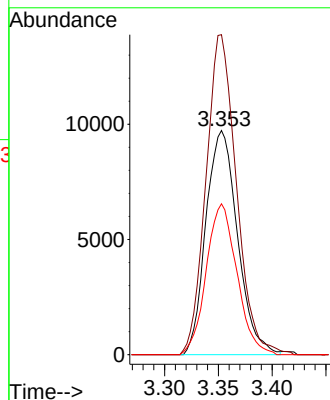
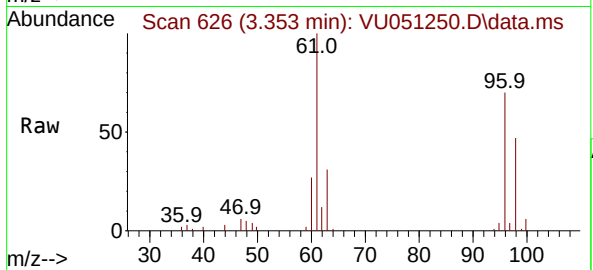




#18
trans-1,2-Dichloroethene
Concen: 1.848 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051250.D
Acq: 08 Oct 2022 04:52

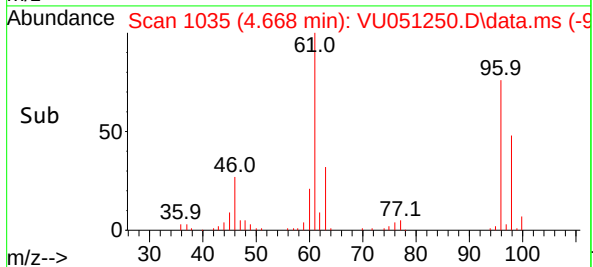
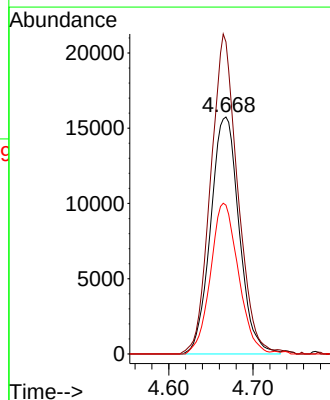
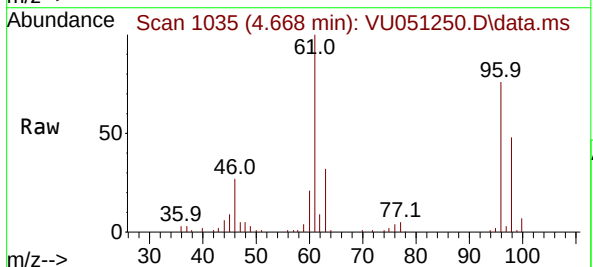
Instrument :
MSVOA_U
ClientSampleId :
EXFS3

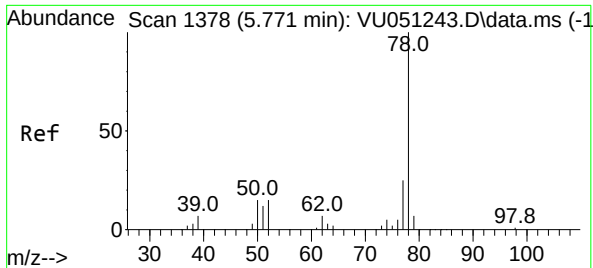
Tgt Ion: 96 Resp: 19910
Ion Ratio Lower Upper
96 100
61 142.7 101.4 188.2
98 67.3 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 3.099 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU051250.D
Acq: 08 Oct 2022 04:52

Tgt Ion: 96 Resp: 36985
Ion Ratio Lower Upper
96 100
61 131.7 90.6 168.2
98 62.8 47.5 88.3





#33
Benzene
Concen: 0.155 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU051250.D
Acq: 08 Oct 2022 04:52

Instrument :
MSVOA_U
ClientSampleId :
EXFS3

Tgt Ion: 78 Resp: 7934

