

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050191.D
 Acq On : 09 Aug 2022 18:15
 Operator : SY/MD
 Sample : N4115-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E01

Quant Time: Aug 10 04:50:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

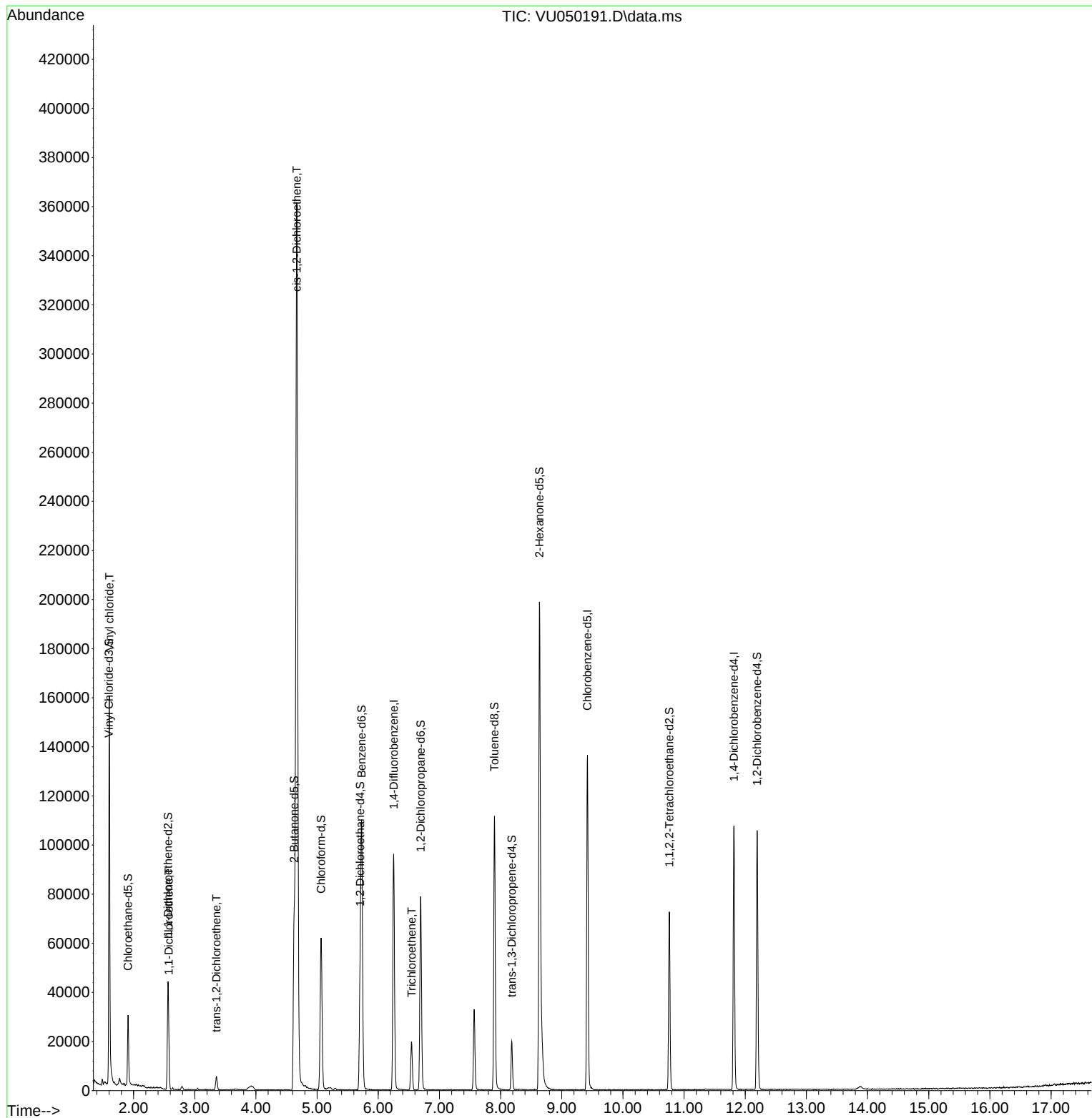
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	79195	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	80469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	30375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	21224	3.220	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.400%	
7) Chloroethane-d5	1.909	69	21161	3.980	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.565	65	8195	3.182	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.600%	
20) 2-Butanone-d5	4.626	46	102313	63.659	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.320%	
24) Chloroform-d	5.067	84	58981	4.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.703	65	33123	5.262	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.729	84	103349	4.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.694	67	38734	4.684	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.899	98	76821	3.464	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.200%#	
43) trans-1,3-Dichloroprop...	8.182	79	11559	3.901	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.636	63	65099	61.950	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	123.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38228	5.264	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	28858	4.849	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						
5) Vinyl chloride	1.604	62	97319	11.438	ug/L	99
12) 1,1-Dichloroethene	2.575	96	796	0.145	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	2509	0.409	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	189289	27.824	ug/L	99
34) Trichloroethene	6.546	95	6582	0.965	ug/L	94

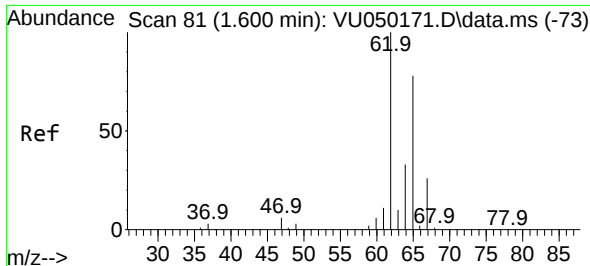
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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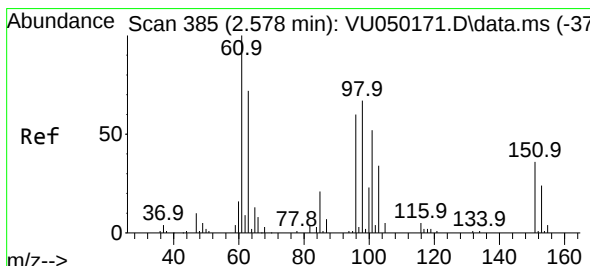
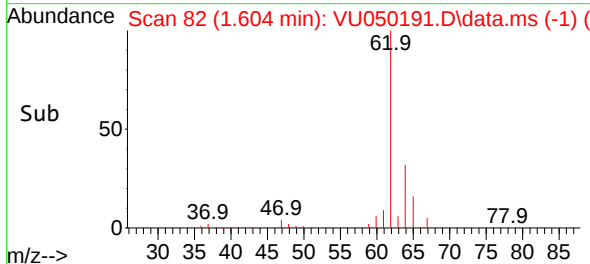
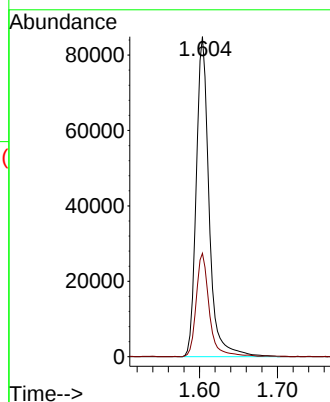
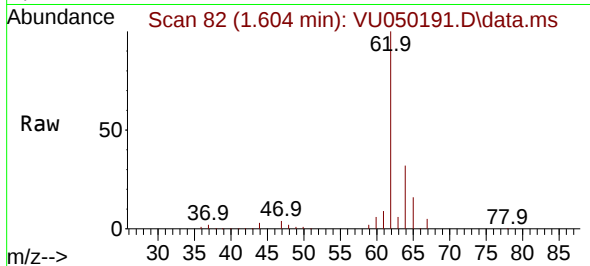




#5
 Vinyl chloride
 Concen: 11.438 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050191.D
 Acq: 09 Aug 2022 18:15

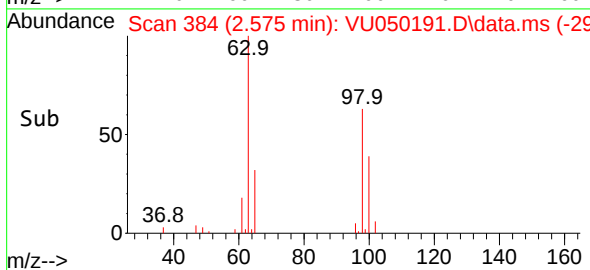
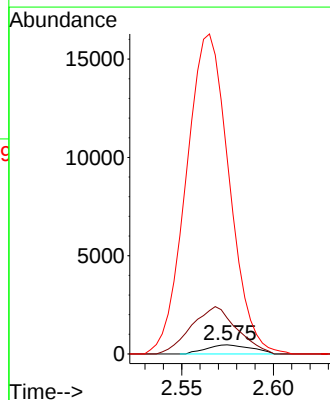
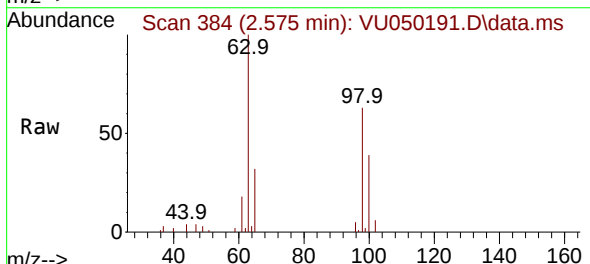
Instrument :
 MSVOA_U
 ClientSampleId :
 F5E01

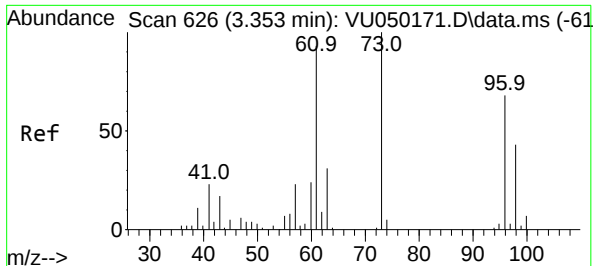
Tgt Ion: 62 Resp: 97319
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.145 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU050191.D
 Acq: 09 Aug 2022 18:15

Tgt Ion: 96 Resp: 796
 Ion Ratio Lower Upper
 96 100
 61 315.5 122.7 227.9#
 63 1722.0 85.1 158.1#

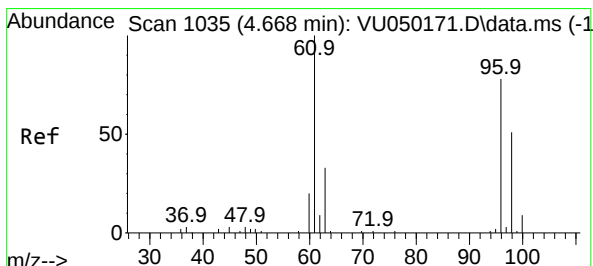
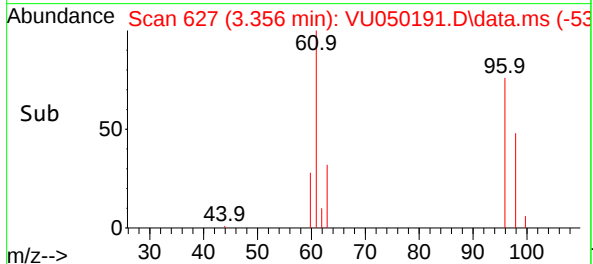
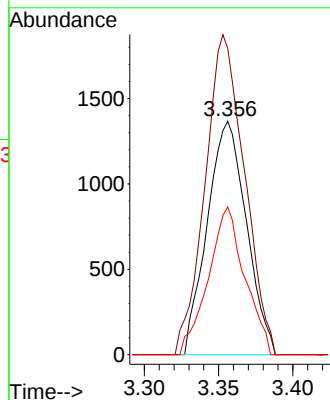
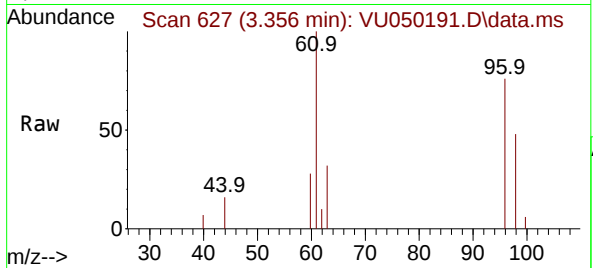




#18
trans-1,2-Dichloroethene
Concen: 0.409 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU050191.D
Acq: 09 Aug 2022 18:15

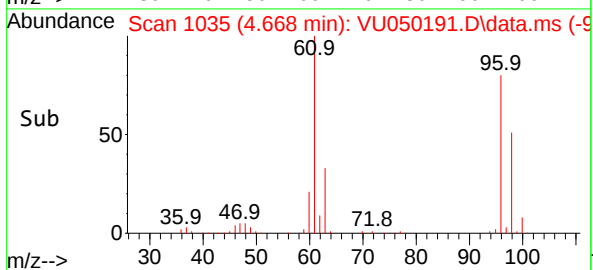
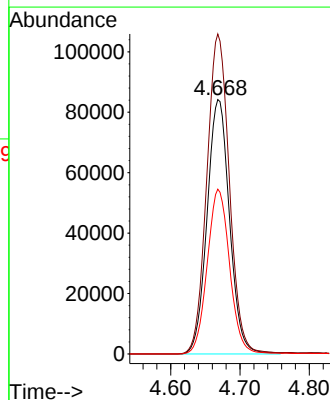
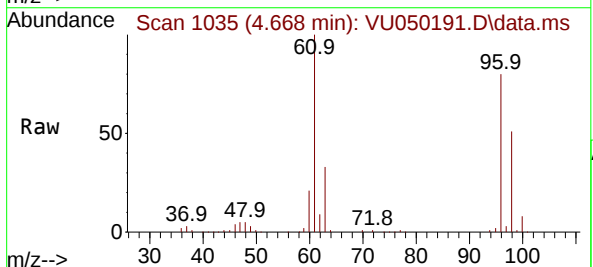
Instrument :
MSVOA_U
ClientSampleId :
F5E01

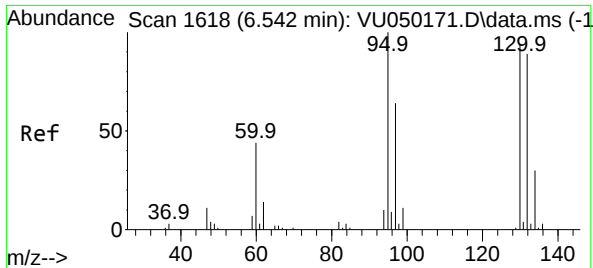
Tgt Ion: 96 Resp: 2509
Ion Ratio Lower Upper
96 100
61 131.2 92.3 171.5
98 63.4 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 27.824 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050191.D
Acq: 09 Aug 2022 18:15

Tgt Ion: 96 Resp: 189289
Ion Ratio Lower Upper
96 100
61 125.8 89.0 165.4
98 64.7 45.2 84.0





#34
 Trichloroethene
 Concen: 0.965 ug/L
 RT: 6.546 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU050191.D
 Acq: 09 Aug 2022 18:15

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E01

Tgt Ion: 95 Resp: 6582

Ion	Ratio	Lower	Upper
95	100		
97	58.2	45.6	84.8
132	89.1	65.0	120.6
130	93.1	69.3	128.7

