

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050194.D
 Acq On : 09 Aug 2022 21:30
 Operator : SY/MD
 Sample : N4115-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E44

Quant Time: Aug 10 06:33:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 10 05:49:54 2022
 Response via : Initial Calibration

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

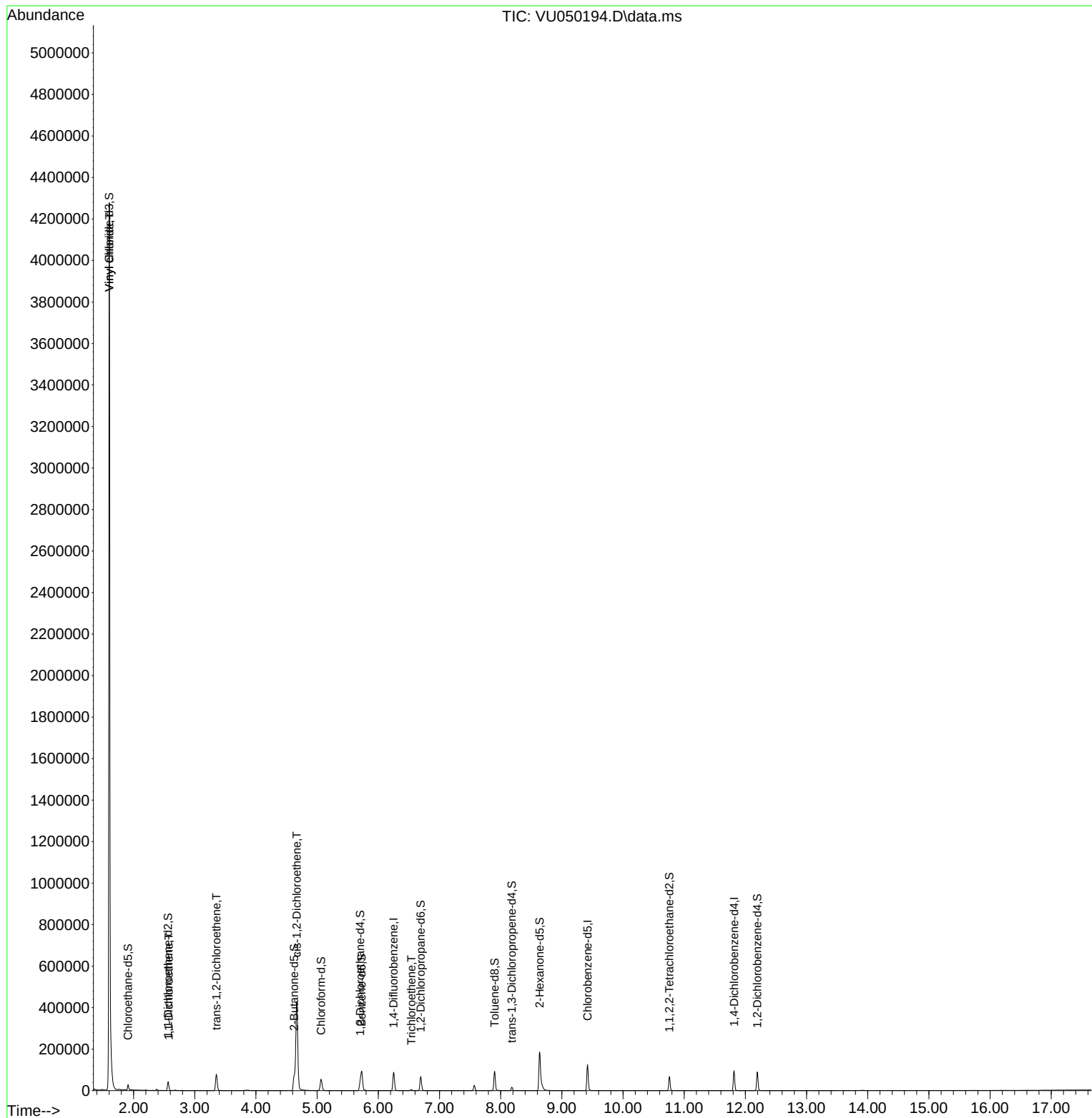
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72704	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	71480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	26972	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41940	6.932	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.600%#
7) Chloroethane-d5	1.909	69	18452	3.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.562	65	8010	3.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.623	46	101412	68.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.460%#
24) Chloroform-d	5.063	84	49088	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.703	65	29090	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.729	84	88319	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.694	67	33241	4.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.899	98	65036	3.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	8.182	79	10043	3.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.636	63	61211	65.575	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.160%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35428	5.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	24421	4.621	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	3091600	395.816	ug/L	99
12) 1,1-Dichloroethene	2.575	96	1013	0.202	ug/L	# 1
18) trans-1,2-Dichloroethene	3.353	96	33134	5.889	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	227583	36.440	ug/L	99
34) Trichloroethene	6.542	95	1413	0.233	ug/L	96

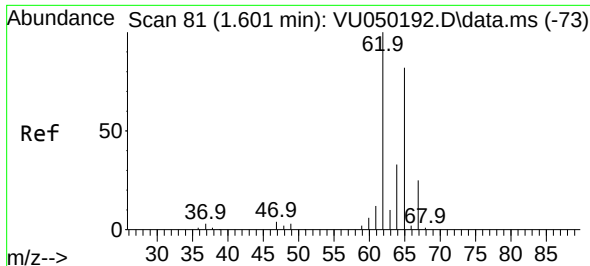
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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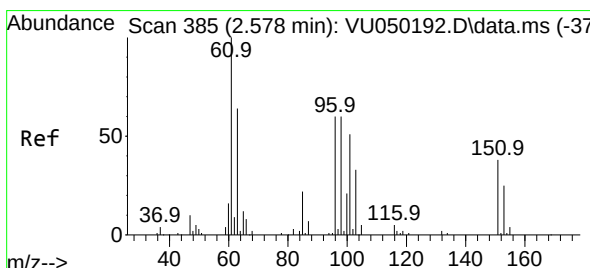
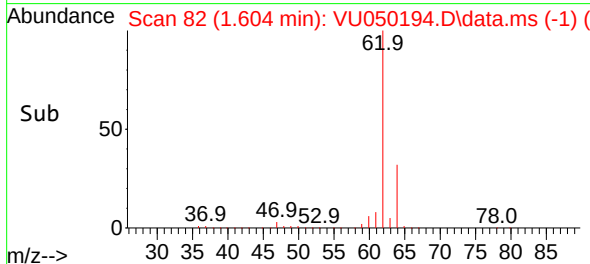
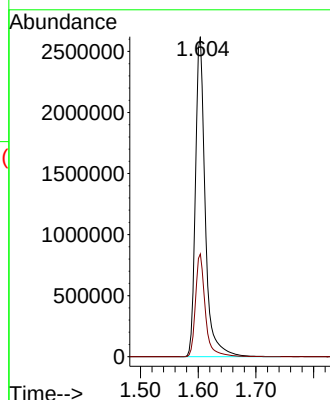
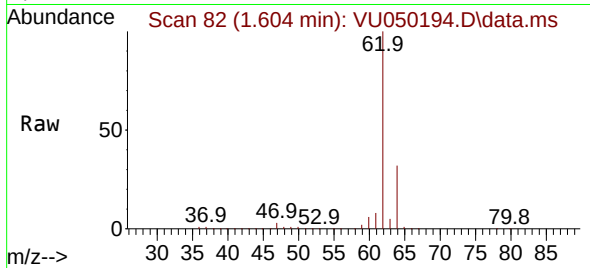




#5
 Vinyl chloride
 Concen: 395.816 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050194.D
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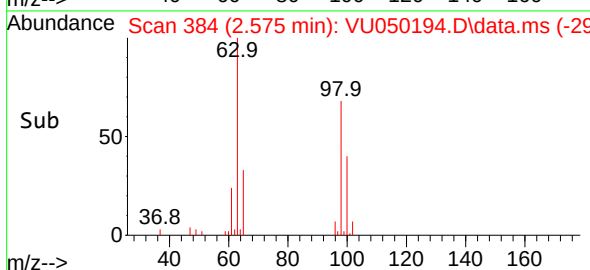
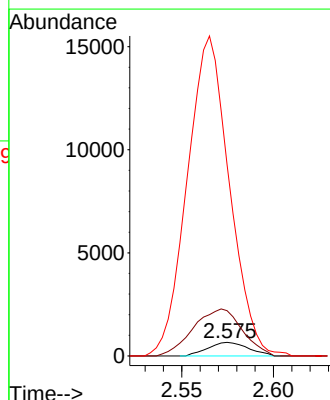
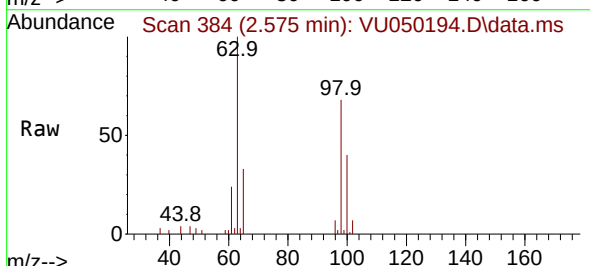
Instrument :
 MSVOA_U
 ClientSampleId :
 F5E44

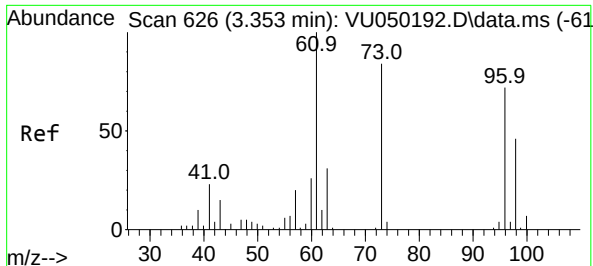
Tgt Ion: 62 Resp: 3091600
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.202 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050194.D
 Acq: 09 Aug 2022 21:30

Tgt Ion: 96 Resp: 1013
 Ion Ratio Lower Upper
 96 100
 61 332.6 122.7 227.9#
 63 1406.5 85.1 158.1#





#18

trans-1,2-Dichloroethene

Concen: 5.889 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050194.D

Acq: 09 Aug 2022 21:30

Instrument :

MSVOA_U

ClientSampleId :

F5E44

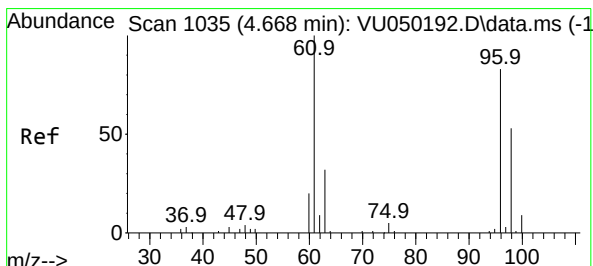
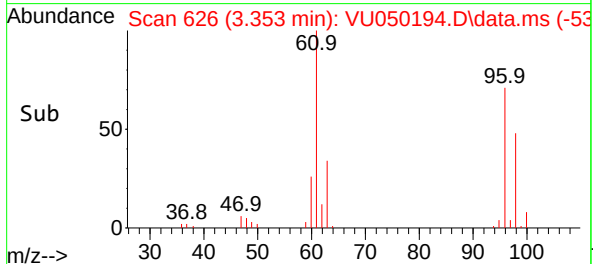
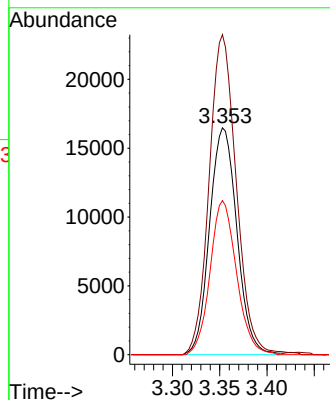
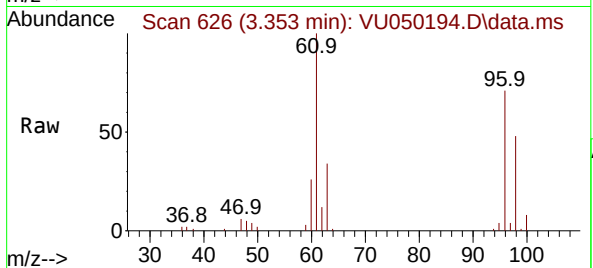
Tgt Ion: 96 Resp: 33134

Ion Ratio Lower Upper

96 100

61 141.0 92.3 171.5

98 67.9 43.2 80.2



#22

cis-1,2-Dichloroethene

Concen: 36.440 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050194.D

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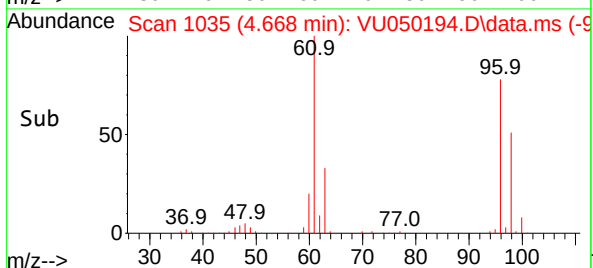
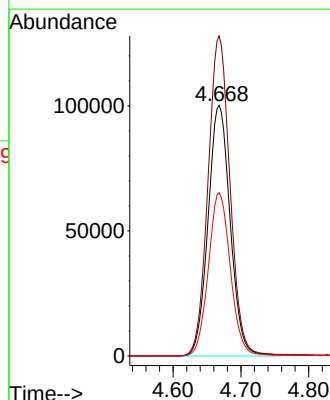
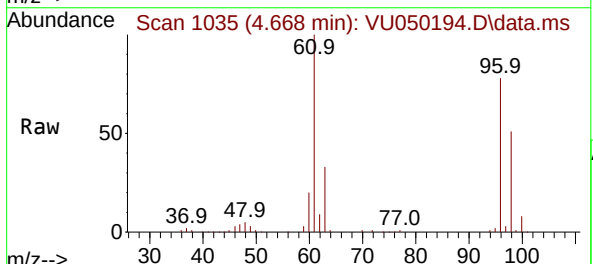
Tgt Ion: 96 Resp: 227583

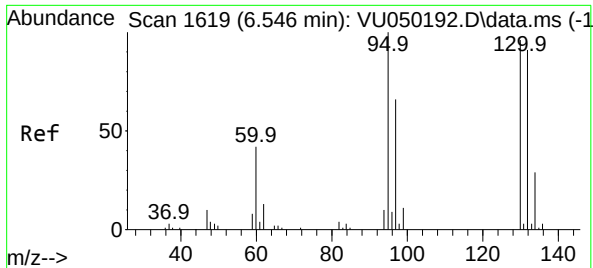
Ion Ratio Lower Upper

96 100

61 127.7 89.0 165.4

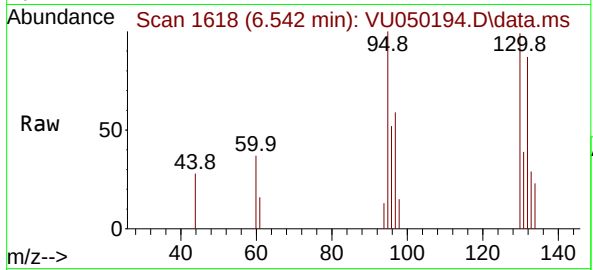
98 65.2 45.2 84.0





#34
 Trichloroethene
 Concen: 0.233 ug/L
 RT: 6.542 min Scan# 1
 Delta R.T. -0.004 min
 Lab File: VU050194.D
 Acq: 09 Aug 2022 21:30

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E44



Tgt Ion:	95	Resp:	1413
Ion	Ratio	Lower	Upper
95	100		
97	58.9	45.6	84.8
132	87.1	65.0	120.6
130	99.4	69.3	128.7

