

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055290.D
 Acq On : 13 Sep 2023 17:30
 Operator : MD/SY
 Sample : 04350-10DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N1DL

Quant Time: Sep 14 05:06:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

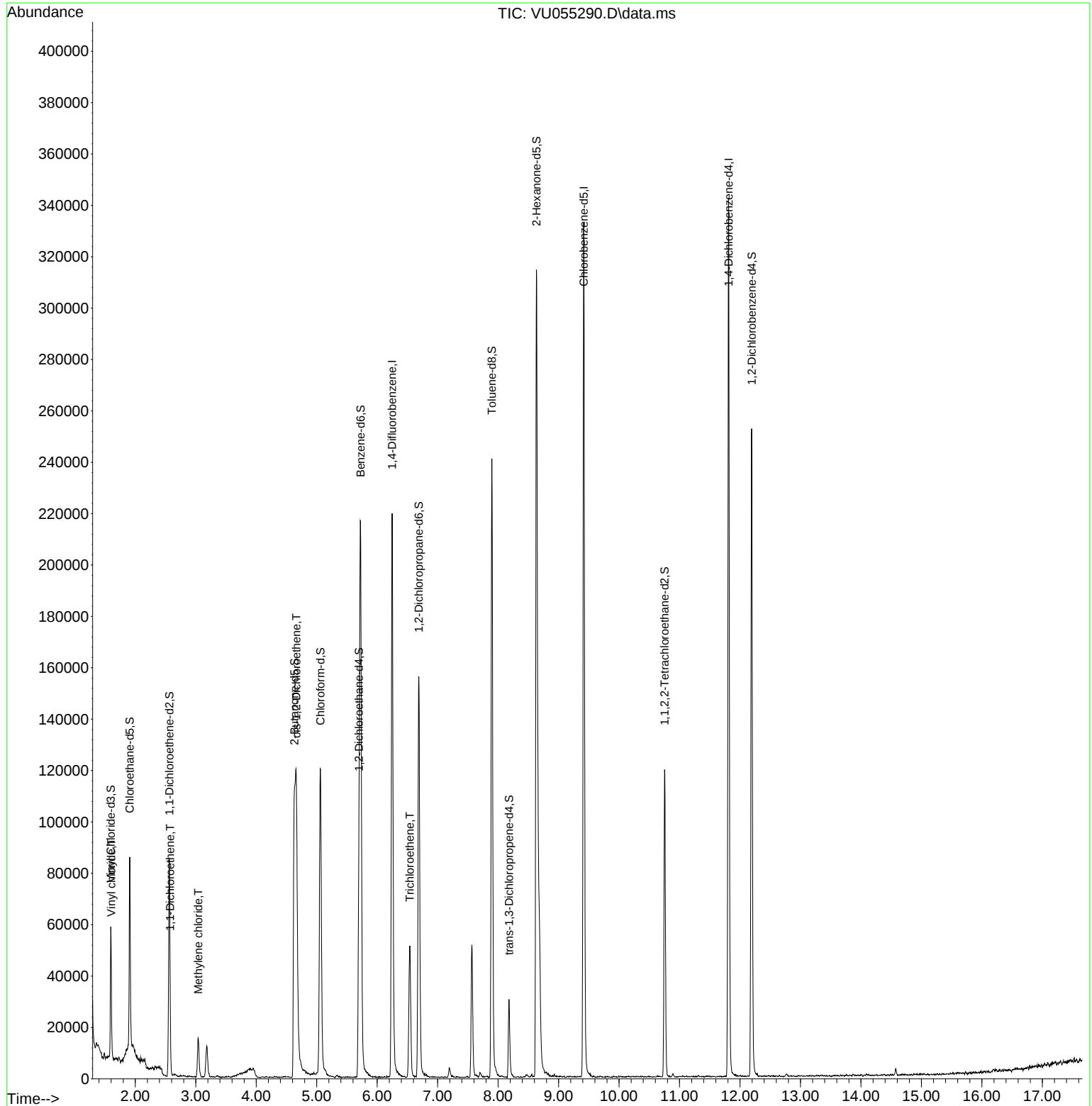
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	178981	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181688	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	86132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27017	3.221	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.400%	
7) Chloroethane-d5	1.907	69	50301	5.180	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.600%	
11) 1,1-Dichloroethene-d2	2.563	65	14422	3.017	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.400%	
20) 2-Butanone-d5	4.631	46	174134	71.534	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	143.060%#	
24) Chloroform-d	5.062	84	109405	4.915	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.698	65	63166	5.672	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.400%	
32) Benzene-d6	5.724	84	204922	4.569	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.689	67	75079	5.263	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.898	98	165483	4.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
43) trans-1,3-Dichloroprop...	8.181	79	17414	4.433	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.634	63	99984	62.694	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	125.380%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59341	5.915	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	118.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	64826	5.156	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
5) Vinyl chloride	1.602	62	10784	0.965	ug/L	97
12) 1,1-Dichloroethene	2.576	96	1599	0.193	ug/L #	1
16) Methylene chloride	3.039	84	6798	0.538	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	40582	3.949	ug/L	90
34) Trichloroethene	6.541	95	15071	1.402	ug/L	94

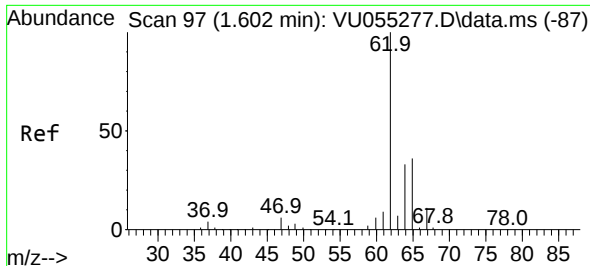
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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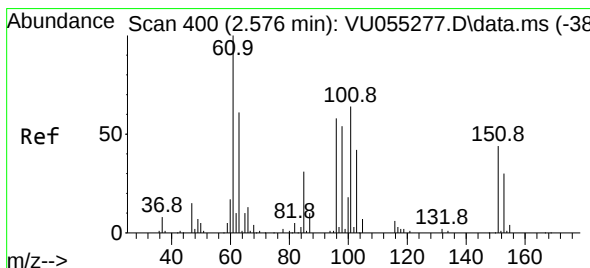
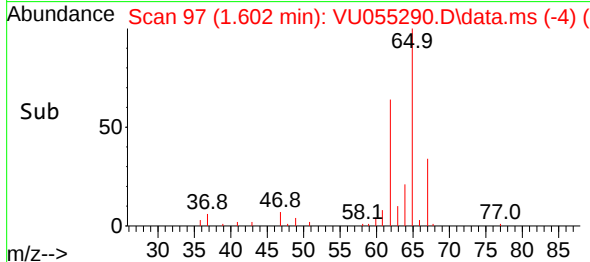
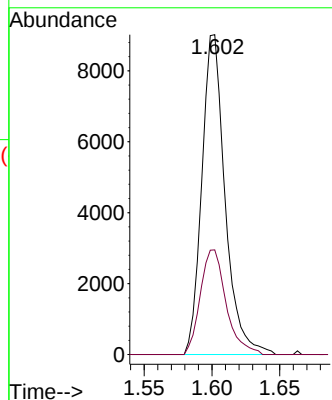
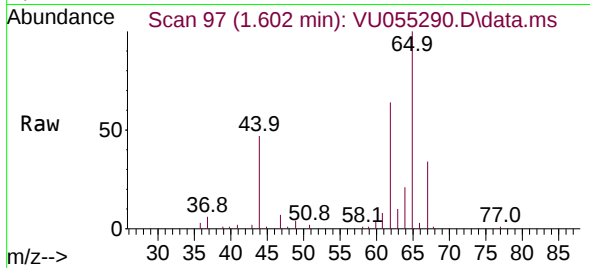




#5
 Vinyl chloride
 Concen: 0.965 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055290.D
 Acq: 13 Sep 2023 17:30

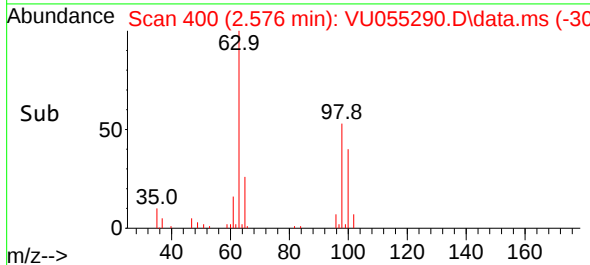
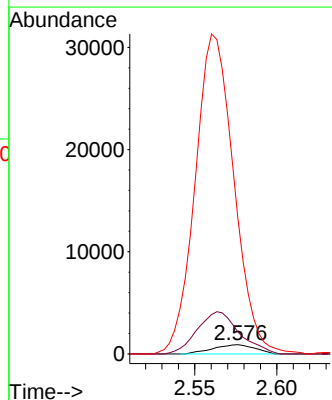
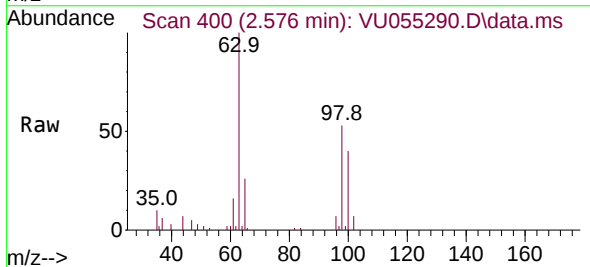
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N1DL

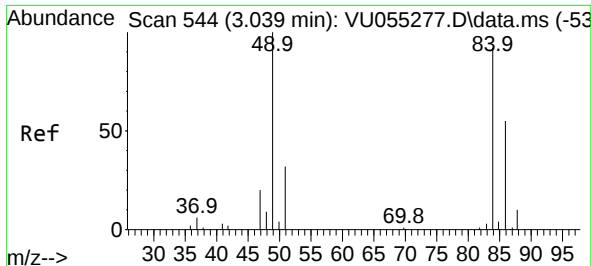
Tgt Ion: 62 Resp: 10784
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.2 45.0



#12
 1,1-Dichloroethene
 Concen: 0.193 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055290.D
 Acq: 13 Sep 2023 17:30

Tgt Ion: 96 Resp: 1599
 Ion Ratio Lower Upper
 96 100
 61 239.8 120.8 224.4#
 63 1482.6 94.5 175.5#

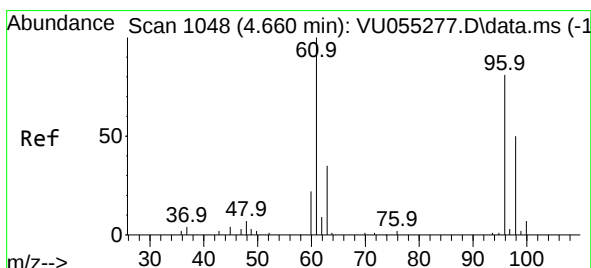
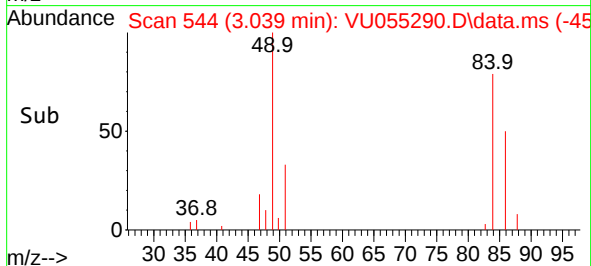
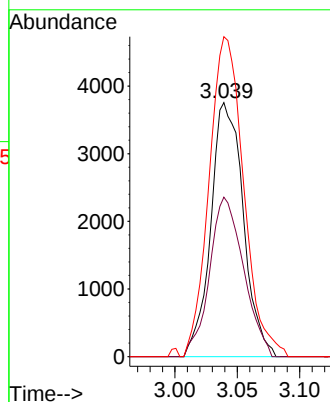
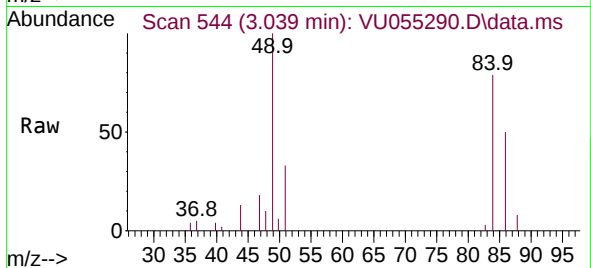




#16
Methylene chloride
Concen: 0.538 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055290.D
Acq: 13 Sep 2023 17:30

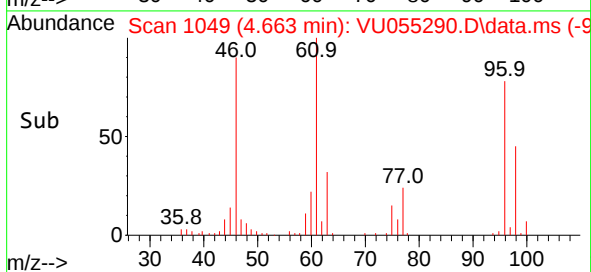
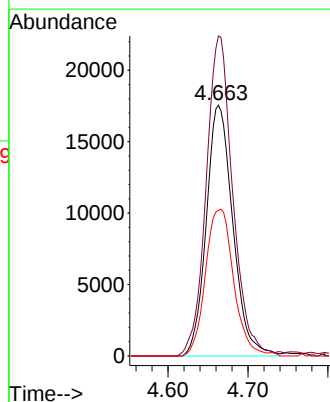
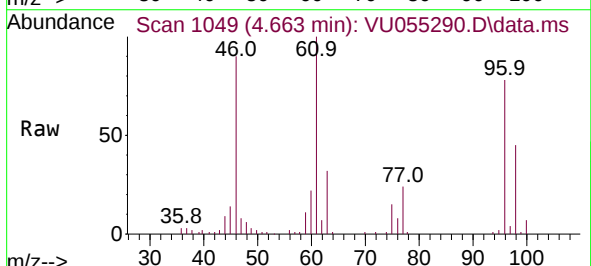
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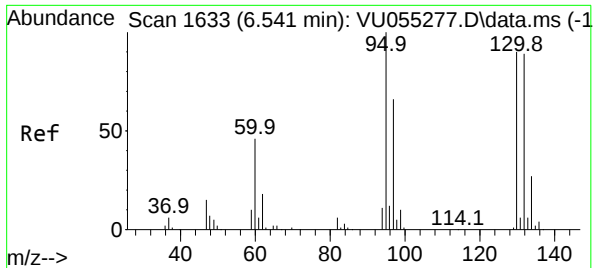
Tgt Ion:	84	Resp:	6798
Ion	Ratio	Lower	Upper
84	100		
86	62.8	43.4	80.6
49	134.2	87.7	162.9



#22
cis-1,2-Dichloroethene
Concen: 3.949 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055290.D
Acq: 13 Sep 2023 17:30

Tgt Ion:	96	Resp:	40582
Ion	Ratio	Lower	Upper
96	100		
61	127.6	97.2	180.4
98	58.0	46.1	85.7





#34
 Trichloroethene
 Concen: 1.402 ug/L
 RT: 6.541 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VU055290.D
 Acq: 13 Sep 2023 17:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N1DL

Tgt Ion: 95 Resp: 15071

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.7	83.1
132	105.5	66.6	123.6
130	100.2	66.5	123.5

