

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055051.D
 Acq On : 01 Sep 2023 19:38
 Operator : MD/SY
 Sample : 04230-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH493

Quant Time: Sep 01 23:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

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

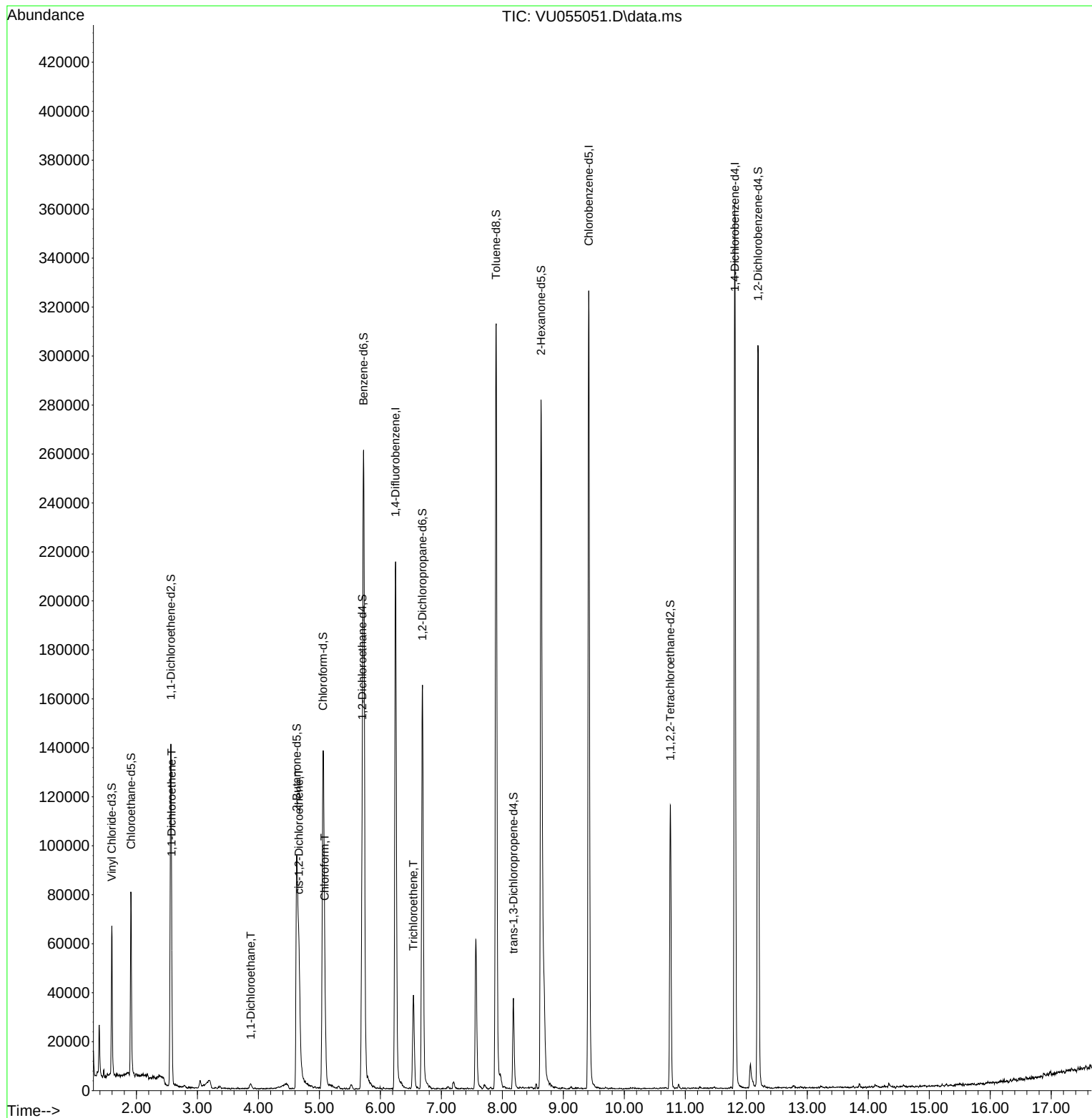
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171588	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	177142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	90052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42243	5.253	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.911	69	50626	5.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.563	65	25734	5.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.400%
20) 2-Butanone-d5	4.628	46	151173	64.777	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.560%
24) Chloroform-d	5.059	84	123350	5.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.600%
26) 1,2-Dichloroethane-d4	5.702	65	64760	6.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.400%
32) Benzene-d6	5.724	84	244081	5.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
36) 1,2-Dichloropropane-d6	6.689	67	79463	5.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.200%
41) Toluene-d8	7.898	98	213144	5.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	8.181	79	21096	5.508	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.200%
46) 2-Hexanone-d5	8.634	63	91079	58.576	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.160%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	56968	5.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	76007	5.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	4829	0.609	ug/L #	1
19) 1,1-Dichloroethane	3.872	63	2935	0.169	ug/L #	82
22) cis-1,2-Dichloroethene	4.663	96	18672	1.895	ug/L	88
25) Chloroform	5.087	83	30087	1.661	ug/L	93
34) Trichloroethene	6.541	95	11695	1.116	ug/L	93

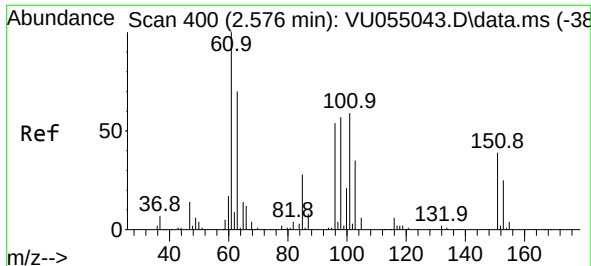
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.609 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.000 min

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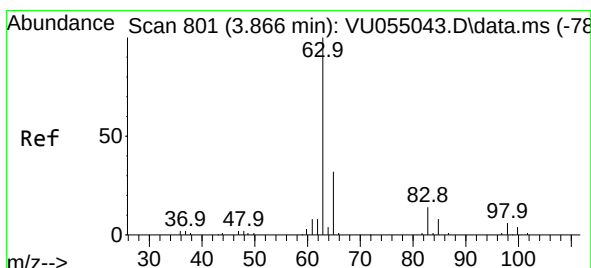
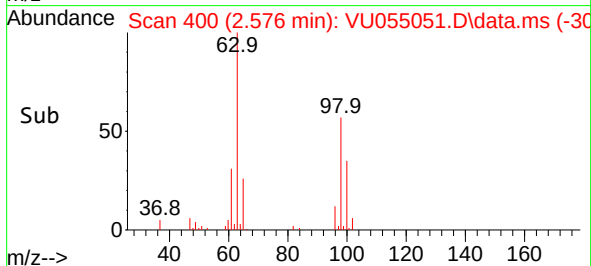
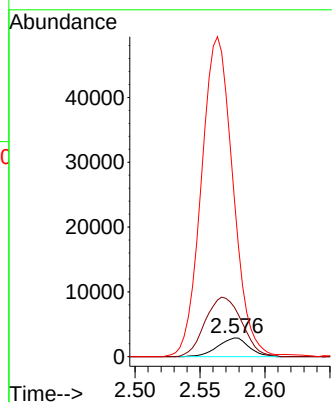
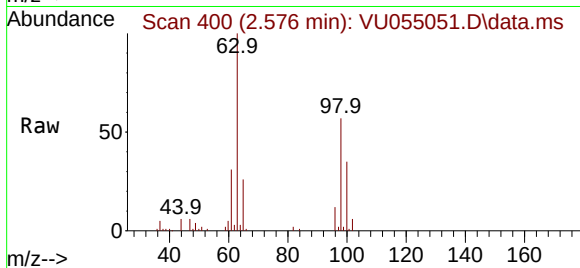
Tgt Ion: 96 Resp: 4829

Ion Ratio Lower Upper

96 100

61 264.5 120.8 224.4#

63 847.3 94.5 175.5#



#19

1,1-Dichloroethane

Concen: 0.169 ug/L

RT: 3.872 min Scan# 803

Delta R.T. 0.007 min

Lab File: VU055051.D

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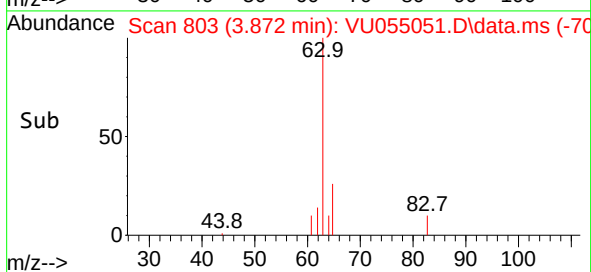
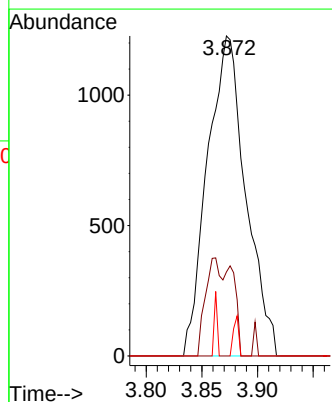
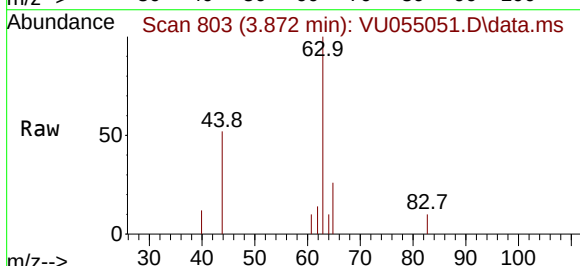
Tgt Ion: 63 Resp: 2935

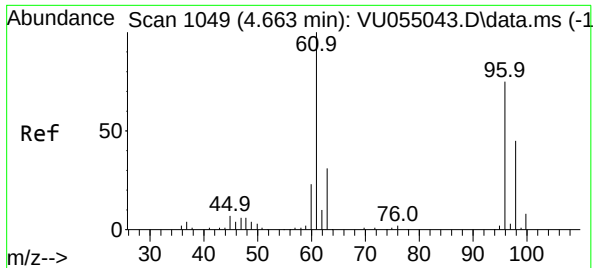
Ion Ratio Lower Upper

63 100

65 26.2 22.2 41.2

83 0.0 10.6 19.8#

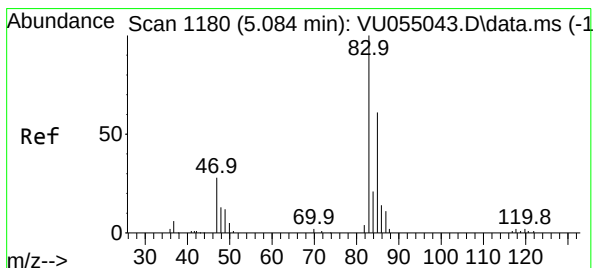
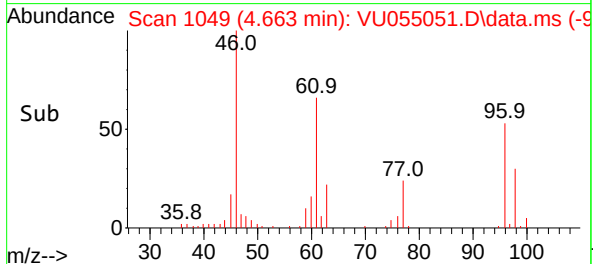
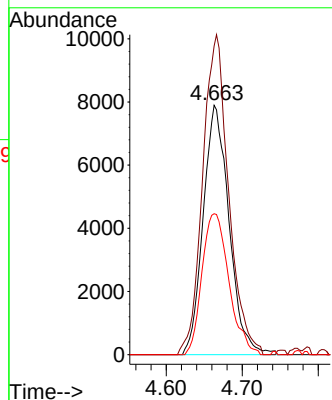
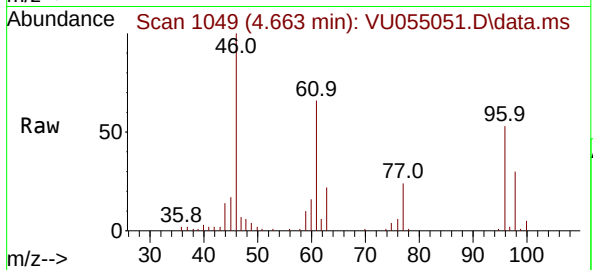




#22
 cis-1,2-Dichloroethene
 Concen: 1.895 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055051.D
 Acq: 01 Sep 2023 19:38

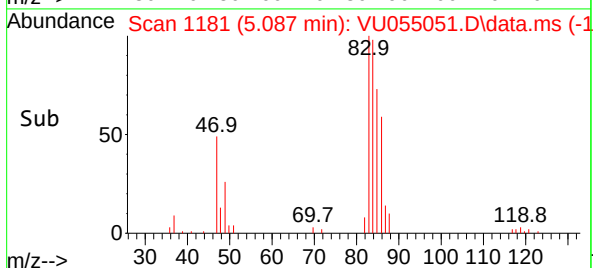
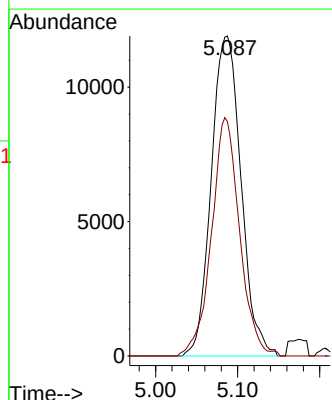
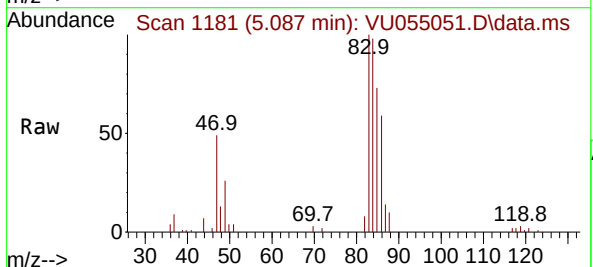
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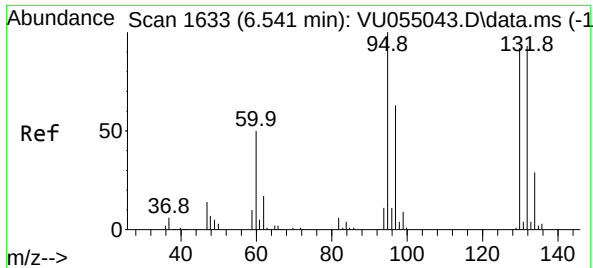
Tgt Ion: 96 Resp: 18672
 Ion Ratio Lower Upper
 96 100
 61 123.8 97.2 180.4
 98 56.5 46.1 85.7



#25
 Chloroform
 Concen: 1.661 ug/L
 RT: 5.087 min Scan# 1181
 Delta R.T. 0.003 min
 Lab File: VU055051.D
 Acq: 01 Sep 2023 19:38

Tgt Ion: 83 Resp: 30087
 Ion Ratio Lower Upper
 83 100
 85 73.2 47.2 87.6





#34
 Trichloroethene
 Concen: 1.116 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU055051.D
 Acq: 01 Sep 2023 19:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BH493

Tgt Ion: 95 Resp: 11695

Ion	Ratio	Lower	Upper
95	100		
97	69.0	44.7	83.1
132	97.5	66.6	123.6
130	107.5	66.5	123.5

