

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055098.D
 Acq On : 05 Sep 2023 16:49
 Operator : MD/SY
 Sample : 04250-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B2

Quant Time: Sep 06 02:18:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

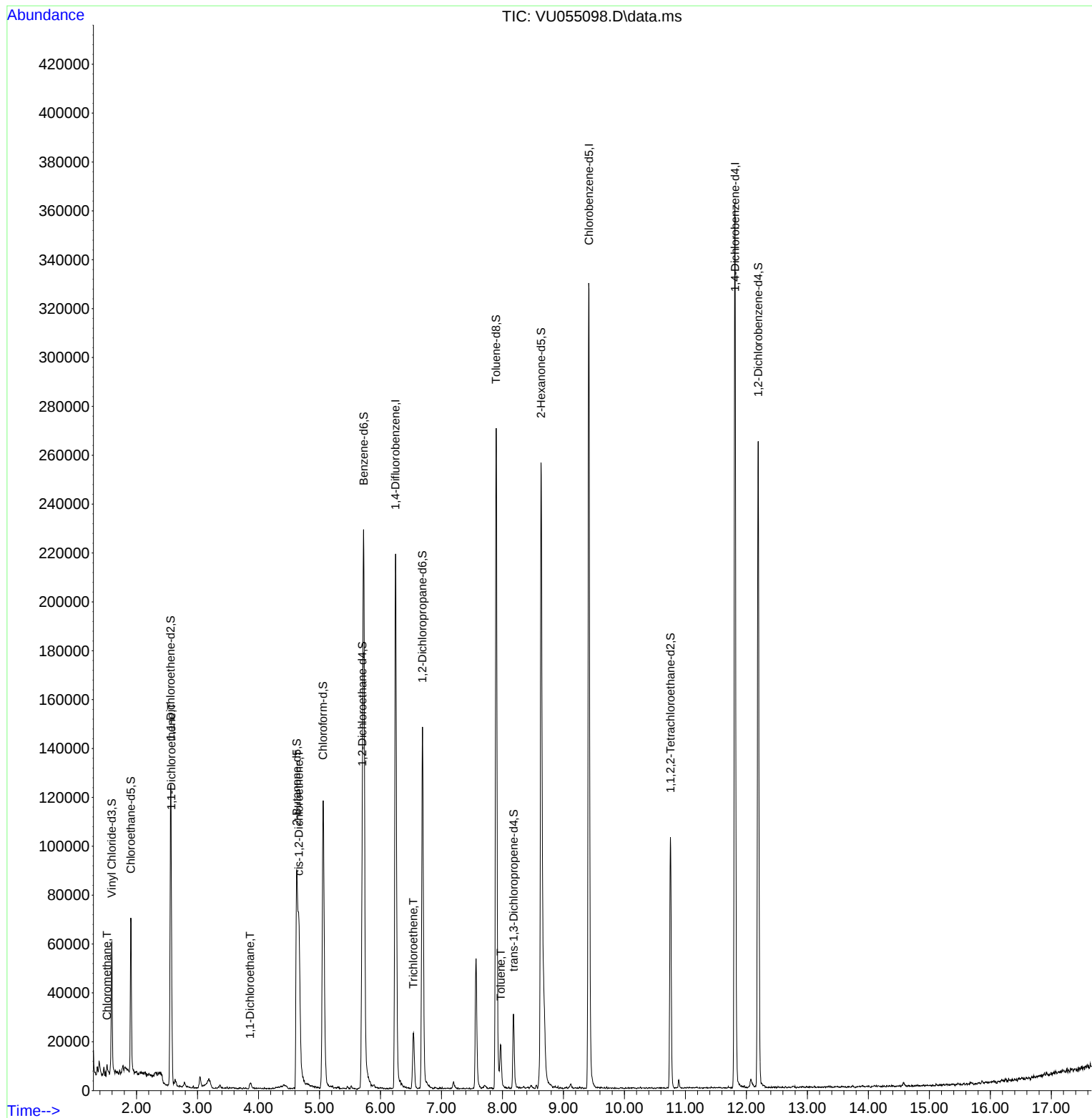
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	175082	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	180146	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	92339	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36822	4.487	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.907	69	42213	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.560	65	22152	4.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.627	46	136081	57.147	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.300%
24) Chloroform-d	5.058	84	107672	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.701	65	56281	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.724	84	209374	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.688	67	70384	4.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.897	98	179214	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.184	79	17436	4.477	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.634	63	84073	53.169	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.340%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50780	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	66077	4.903	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
3) Chloromethane	1.518	50	3983	0.385	ug/L	98
12) 1,1-Dichloroethene	2.570	96	4762	0.588	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	3481	0.196	ug/L #	82
22) cis-1,2-Dichloroethene	4.663	96	25175	2.504	ug/L	92
34) Trichloroethene	6.541	95	7183	0.674	ug/L	95
42) Toluene	7.971	91	12515	0.306	ug/L	96

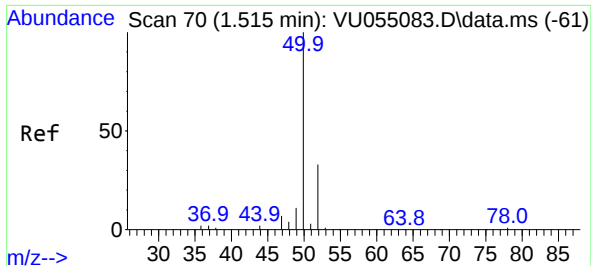
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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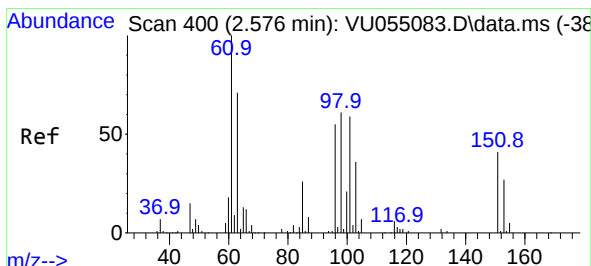
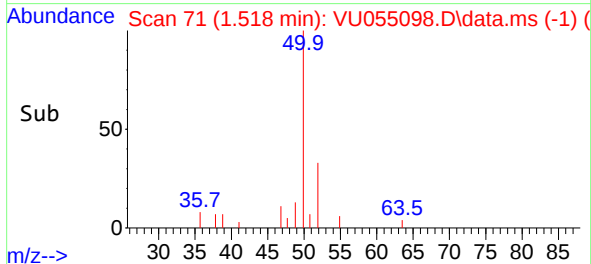
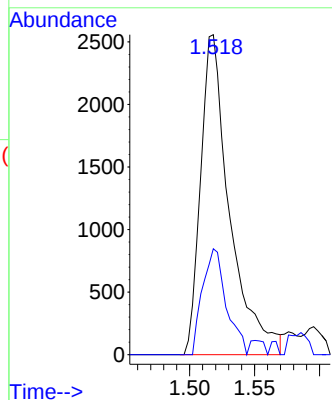
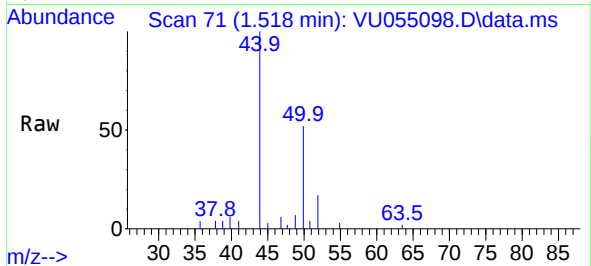




#3
Chloromethane
Concen: 0.385 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055098.D
Acq: 05 Sep 2023 16:49

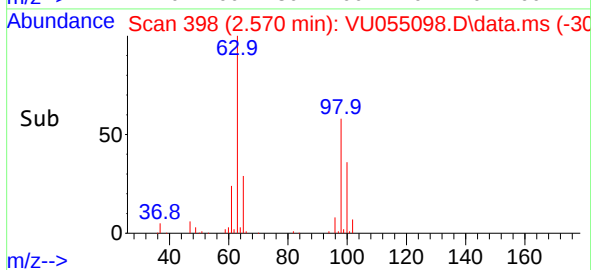
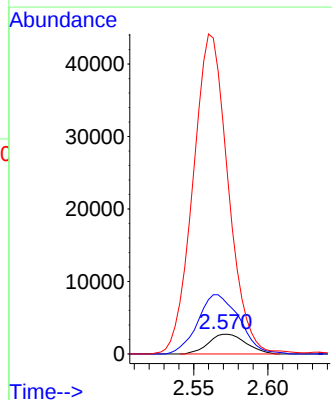
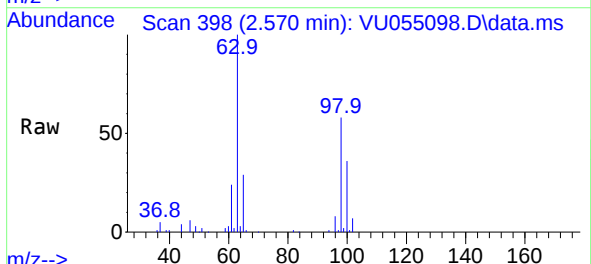
Instrument :
MSVOA_U
ClientSampleId :
BH4B2

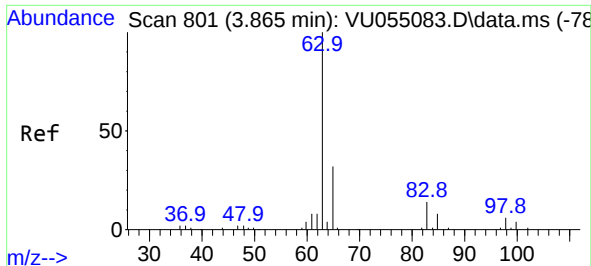
Tgt Ion: 50 Resp: 3983
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.588 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU055098.D
Acq: 05 Sep 2023 16:49

Tgt Ion: 96 Resp: 4762
Ion Ratio Lower Upper
96 100
61 278.7 120.8 224.4#
63 1177.0 94.5 175.5#

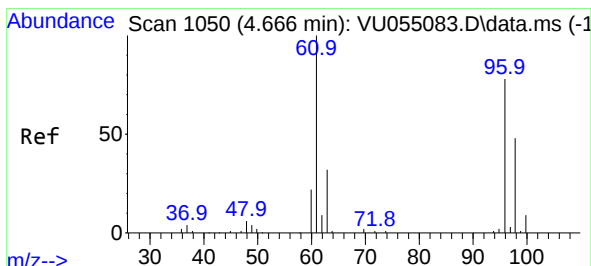
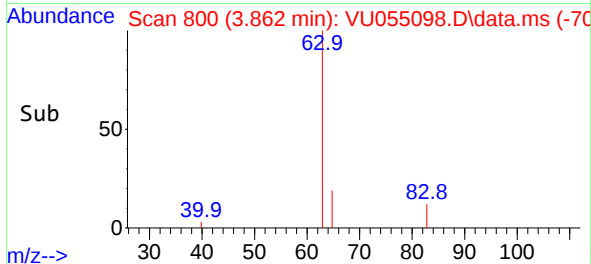
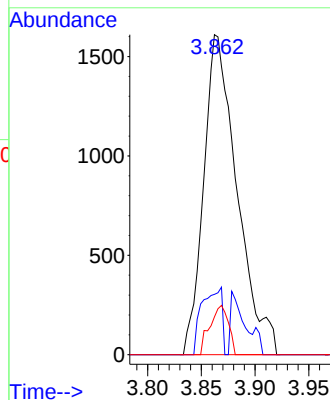
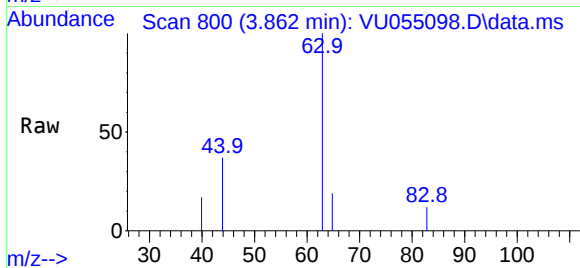




#19
1,1-Dichloroethane
Concen: 0.196 ug/L
RT: 3.862 min Scan# 801
Delta R.T. -0.003 min
Lab File: VU055098.D
Acq: 05 Sep 2023 16:49

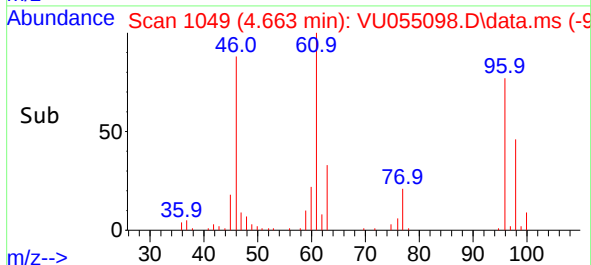
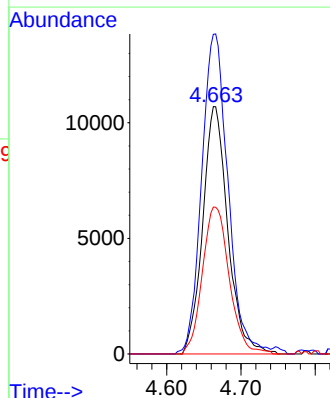
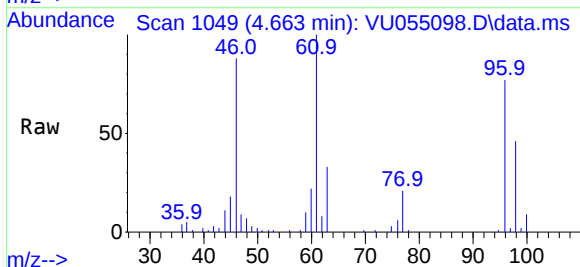
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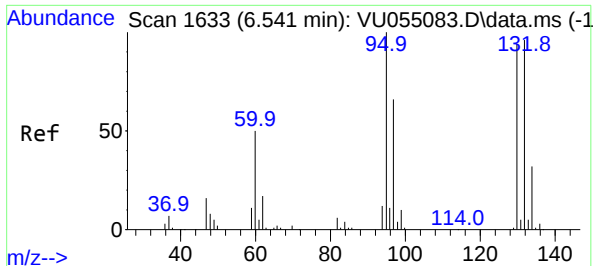
Tgt Ion: 63 Resp: 3481
Ion Ratio Lower Upper
63 100
65 18.9 22.2 41.2#
83 11.8 10.6 19.8



#22
cis-1,2-Dichloroethene
Concen: 2.504 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU055098.D
Acq: 05 Sep 2023 16:49

Tgt Ion: 96 Resp: 25175
Ion Ratio Lower Upper
96 100
61 129.2 97.2 180.4
98 59.3 46.1 85.7

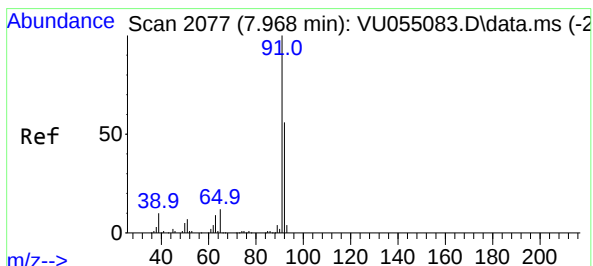
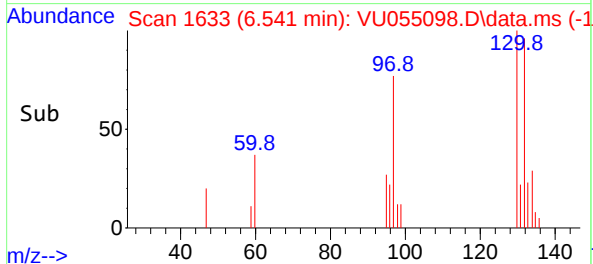
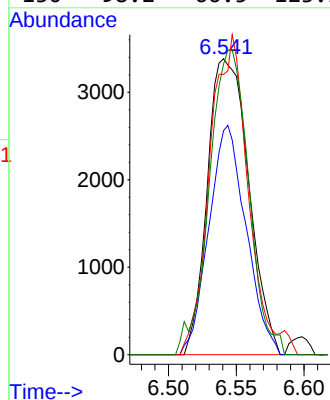
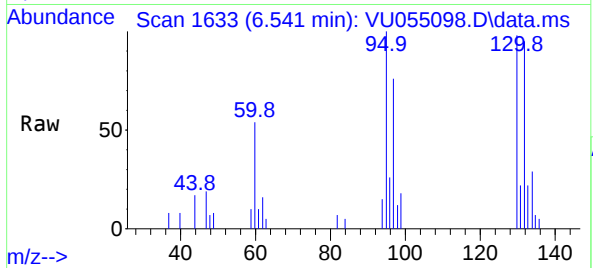




#34
Trichloroethene
Concen: 0.674 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055098.D
Acq: 05 Sep 2023 16:49

Instrument :
MSVOA_U
ClientSampleId :
BH4B2

Tgt Ion: 95 Resp: 7183
Ion Ratio Lower Upper
95 100
97 75.7 44.7 83.1
132 94.7 66.6 123.6
130 98.2 66.5 123.5



#42
Toluene
Concen: 0.306 ug/L
RT: 7.971 min Scan# 2078
Delta R.T. 0.003 min
Lab File: VU055098.D
Acq: 05 Sep 2023 16:49

Tgt Ion: 91 Resp: 12515
Ion Ratio Lower Upper
91 100
92 56.9 41.9 77.9

