

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055072.D
 Acq On : 02 Sep 2023 04:21
 Operator : MD/SY
 Sample : 04250-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B2

Quant Time: Sep 02 04:59:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

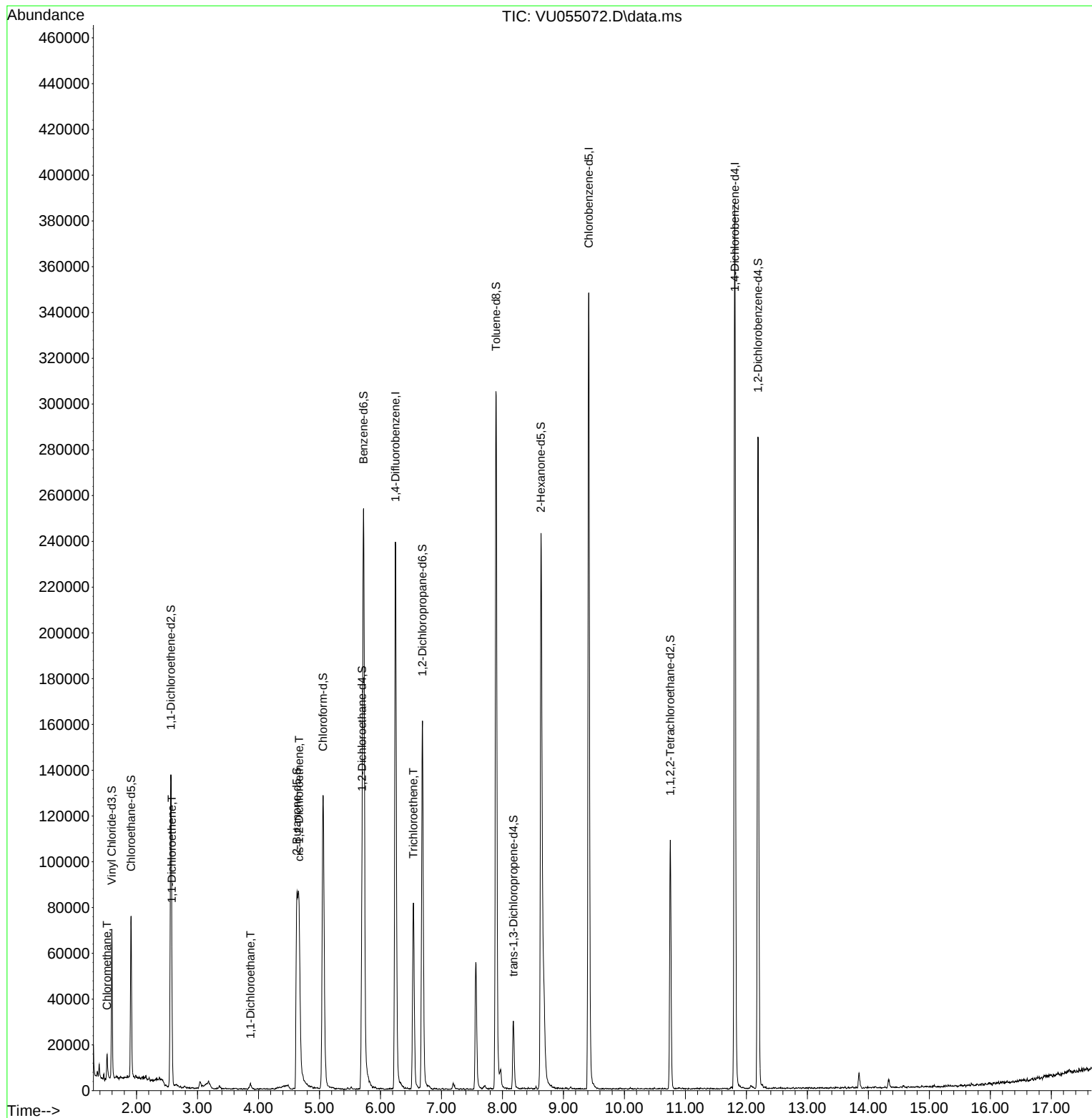
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188981	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	98089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42235	4.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.911	69	48501	4.731	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.563	65	25751	5.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	4.627	46	132293	51.470	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.940%
24) Chloroform-d	5.058	84	120166	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.698	65	61177	5.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.724	84	236157	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.688	67	75474	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.897	98	208896	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.180	79	18168	4.344	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.631	63	77190	45.466	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53498	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	74552	5.207	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
3) Chloromethane	1.518	50	7528	0.673	ug/L	89
12) 1,1-Dichloroethene	2.579	96	5155	0.590	ug/L #	1
19) 1,1-Dichloroethane	3.869	63	2916	0.152	ug/L #	80
22) cis-1,2-Dichloroethene	4.666	96	29637	2.731	ug/L	94
34) Trichloroethene	6.541	95	28372	2.480	ug/L	91

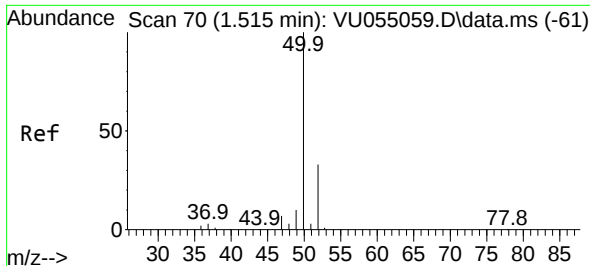
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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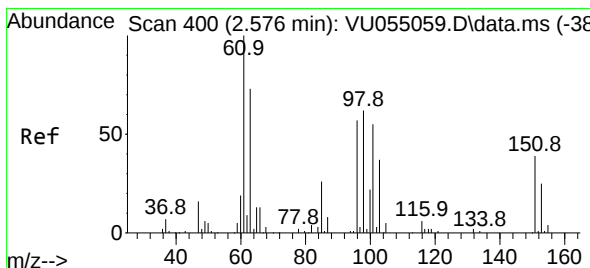
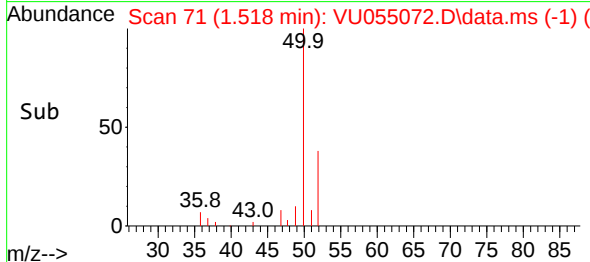
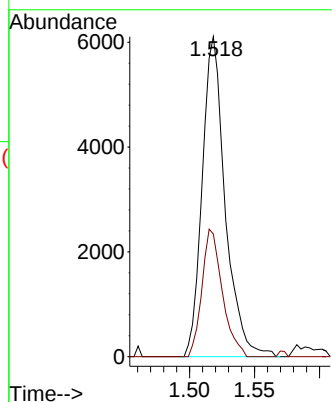
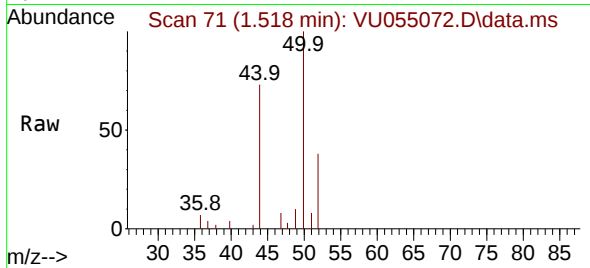




#3
Chloromethane
Concen: 0.673 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055072.D
Acq: 02 Sep 2023 04:21

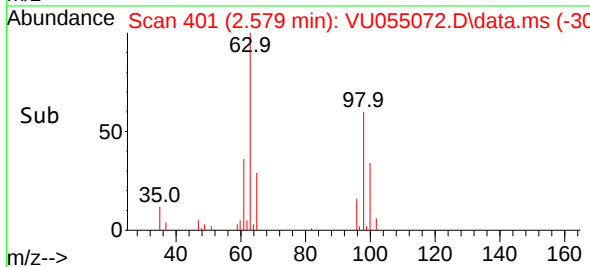
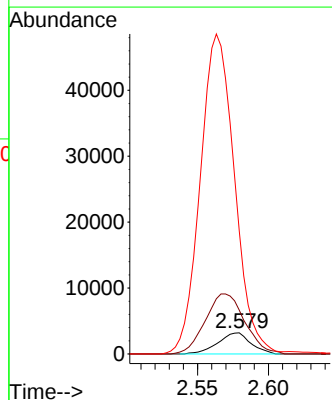
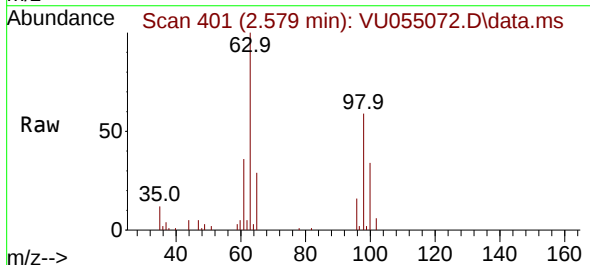
Instrument :
MSVOA_U
ClientSampleId :
BH4B2

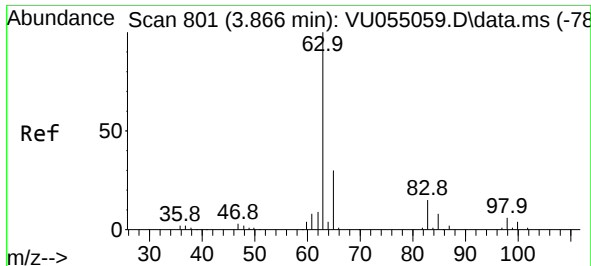
Tgt Ion: 50 Resp: 7528
Ion Ratio Lower Upper
50 100
52 38.4 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.590 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU055072.D
Acq: 02 Sep 2023 04:21

Tgt Ion: 96 Resp: 5155
Ion Ratio Lower Upper
96 100
61 208.4 120.8 224.4
63 585.1 94.5 175.5#





#19

1,1-Dichloroethane

Concen: 0.152 ug/L

RT: 3.869 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU055072.D

Acq: 02 Sep 2023 04:21

Instrument :

MSVOA_U

ClientSampleId :

BH4B2

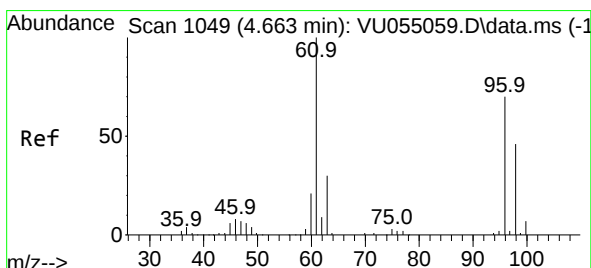
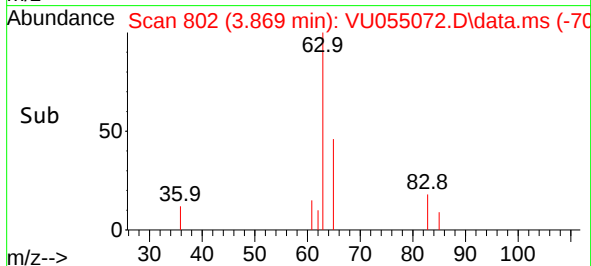
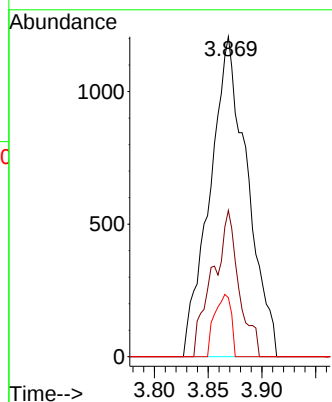
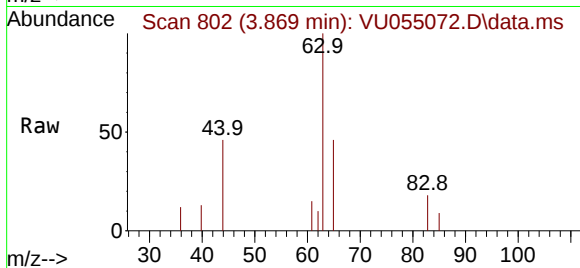
Tgt Ion: 63 Resp: 2916

Ion Ratio Lower Upper

63 100

65 45.7 22.2 41.2#

83 18.5 10.6 19.8



#22

cis-1,2-Dichloroethene

Concen: 2.731 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU055072.D

Acq: 02 Sep 2023 04:21

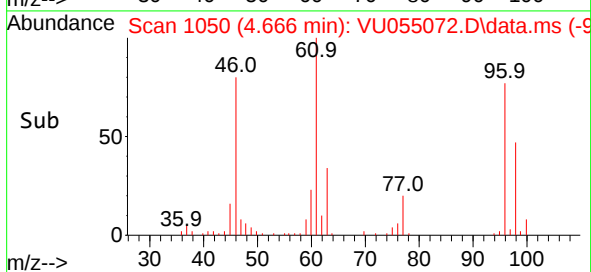
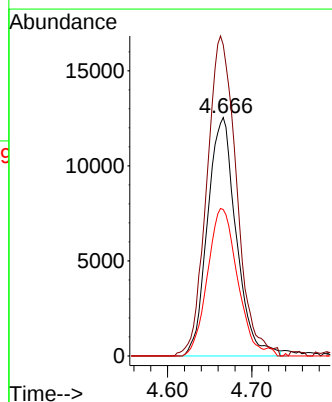
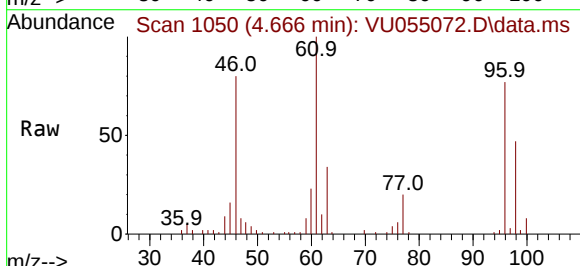
Tgt Ion: 96 Resp: 29637

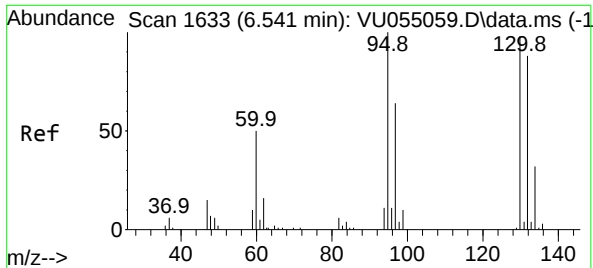
Ion Ratio Lower Upper

96 100

61 130.4 97.2 180.4

98 61.4 46.1 85.7





#34
 Trichloroethene
 Concen: 2.480 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU055072.D
 Acq: 02 Sep 2023 04:21

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B2

Tgt Ion: 95	Resp: 28372
Ion Ratio	Lower Upper
95 100	
97 58.7	44.7 83.1
132 82.9	66.6 123.6
130 89.0	66.5 123.5

