

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055349.D
 Acq On : 15 Sep 2023 19:26
 Operator : MD/SY
 Sample : 04380-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4M3

Quant Time: Sep 16 00:44:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:42:29 2023
 Response via : Initial Calibration

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

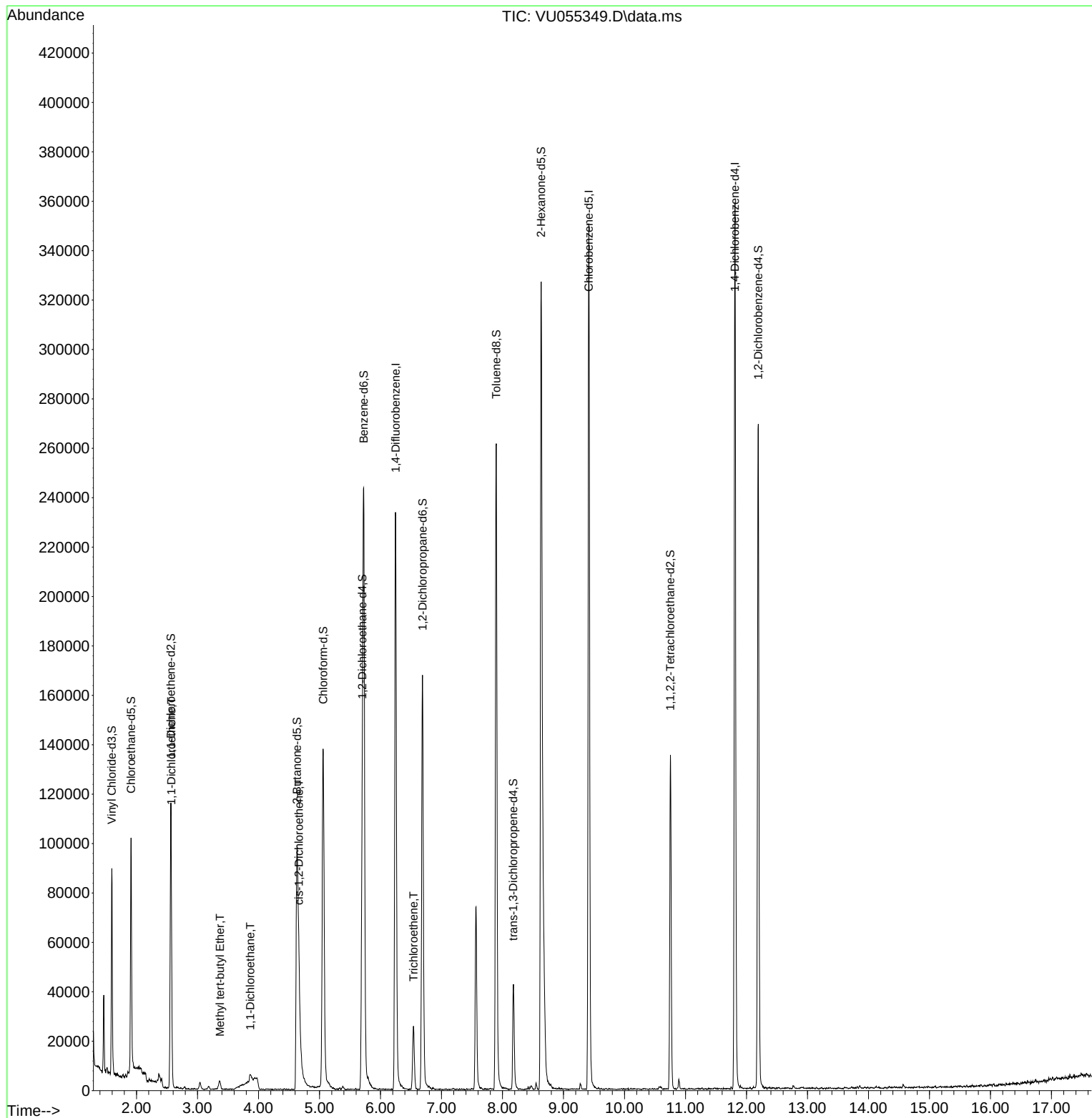
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	189619	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	195322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	89771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57594	5.285	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.600%		
7) Chloroethane-d5	1.911	69	66789	5.429	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.600%		
11) 1,1-Dichloroethene-d2	2.563	65	21645	5.491	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 109.800%		
20) 2-Butanone-d5	4.631	46	184770	61.308	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 122.620%		
24) Chloroform-d	5.058	84	127833	5.252	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.000%		
26) 1,2-Dichloroethane-d4	5.701	65	69191	5.633	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.600%		
32) Benzene-d6	5.724	84	228357	5.577	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.600%		
36) 1,2-Dichloropropane-d6	6.688	67	79672	5.711	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 114.200%		
41) Toluene-d8	7.897	98	179720	5.091	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.800%		
43) trans-1,3-Dichloroprop...	8.177	79	25186	5.088	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.800%		
46) 2-Hexanone-d5	8.634	63	105416	58.530	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 117.060%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	67441	5.559	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.200%		
66) 1,2-Dichlorobenzene-d4	12.193	152	67907	5.874	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 117.400%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	2079	0.156	ug/L #	1
17) Methyl tert-butyl Ether	3.367	73	3729	0.117	ug/L #	82
19) 1,1-Dichloroethane	3.865	63	3622	0.127	ug/L #	94
22) cis-1,2-Dichloroethene	4.663	96	4903	0.286	ug/L	90
34) Trichloroethene	6.541	95	8101	0.440	ug/L	96

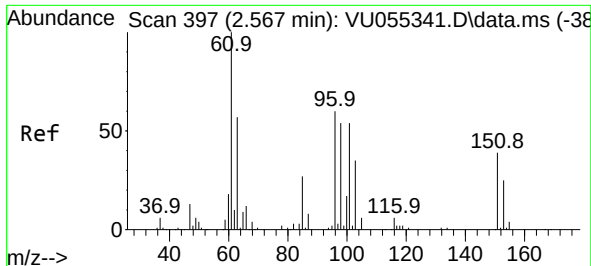
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.156 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU055349.D

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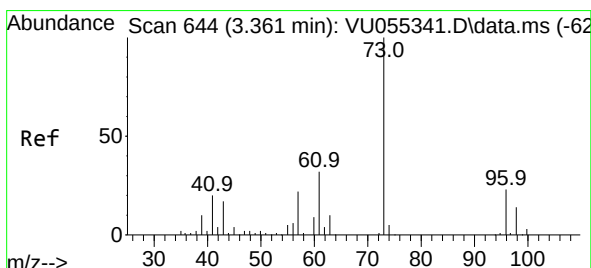
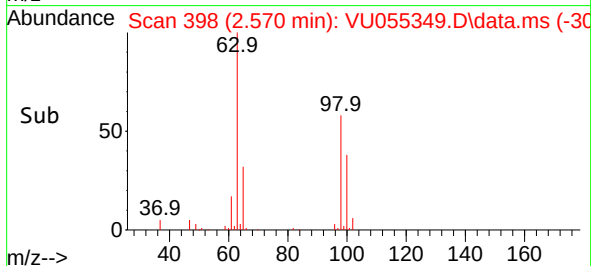
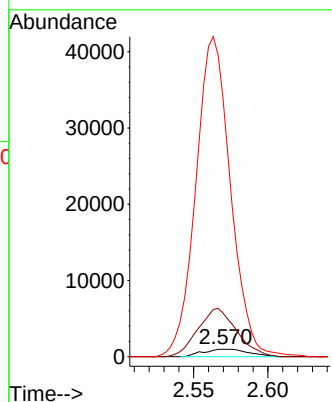
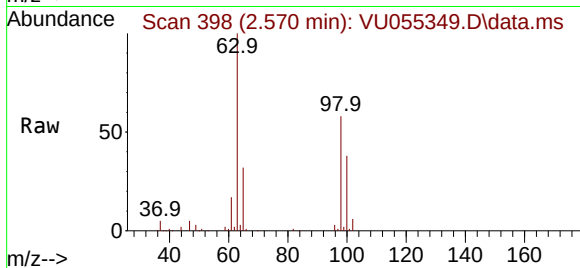
MSVOA_U

ClientSampleId :

BH4M3

Tgt Ion: 96 Resp: 2079

Ion	Ratio	Lower	Upper
96	100		
61	589.0	122.8	228.0#
63	3502.1	71.7	133.3#



#17

Methyl tert-butyl Ether

Concen: 0.117 ug/L

RT: 3.367 min Scan# 646

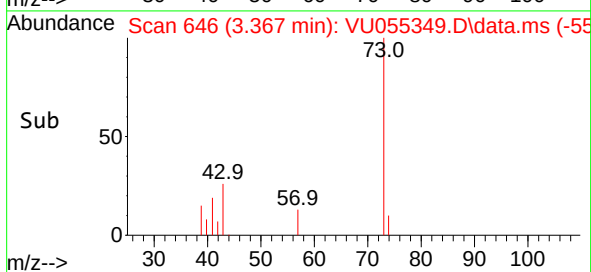
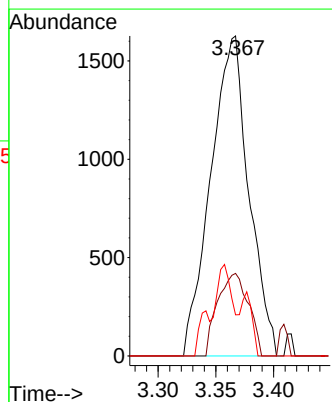
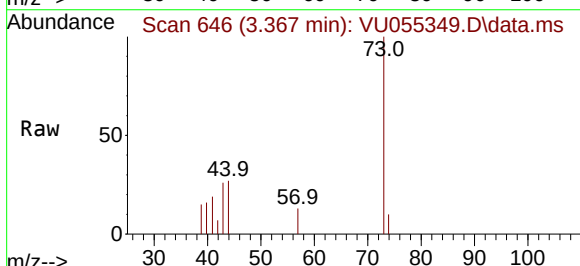
Delta R.T. 0.006 min

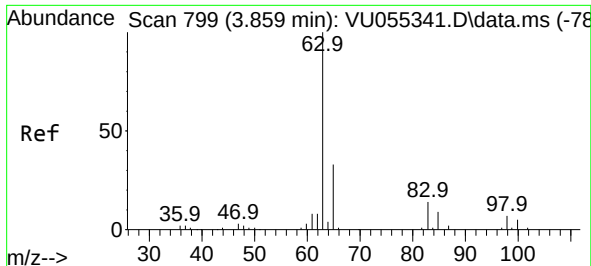
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Acq: 15 Sep 2023 19:26

Tgt Ion: 73 Resp: 3729

Ion	Ratio	Lower	Upper
73	100		
43	20.9	16.0	24.0
57	6.3	17.2	25.8#





#19

1,1-Dichloroethane

Concen: 0.127 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU055349.D

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Instrument :

MSVOA_U

ClientSampleId :

BH4M3

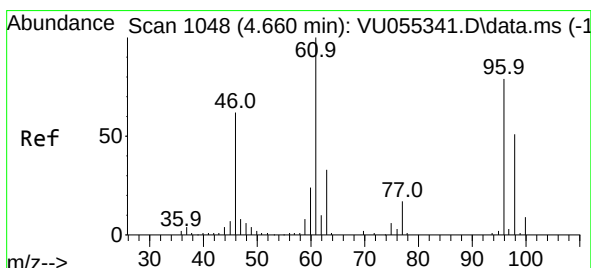
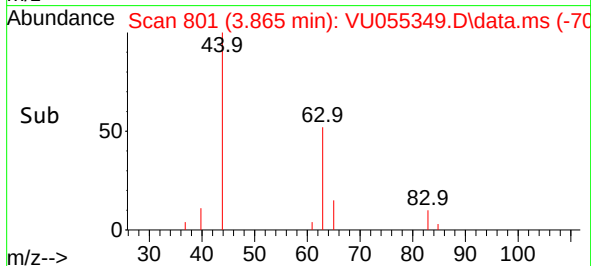
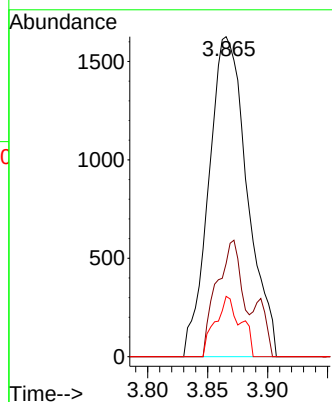
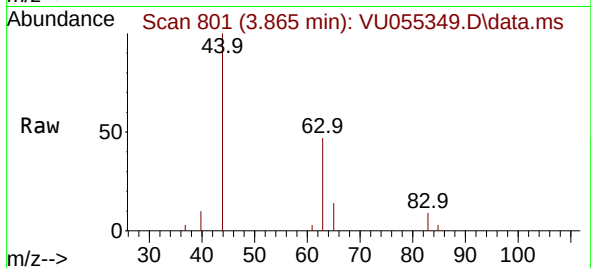
Tgt Ion: 63 Resp: 3622

Ion Ratio Lower Upper

63 100

65 29.1 21.8 40.6

83 18.8 9.7 17.9#



#22

cis-1,2-Dichloroethene

Concen: 0.286 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU055349.D

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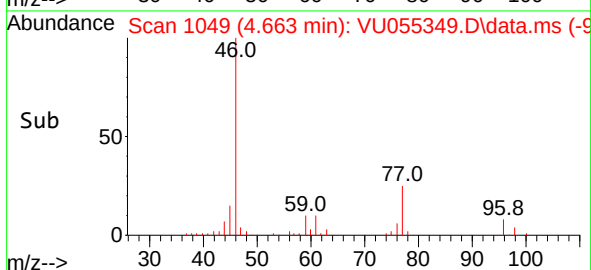
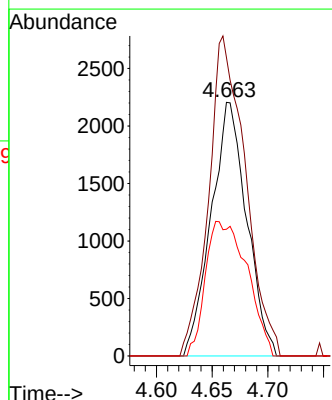
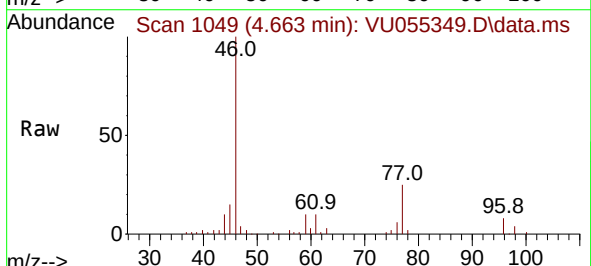
Tgt Ion: 96 Resp: 4903

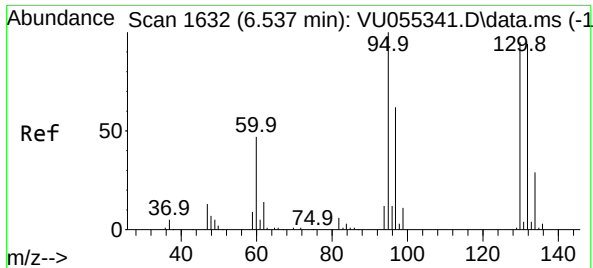
Ion Ratio Lower Upper

96 100

61 117.7 88.1 163.7

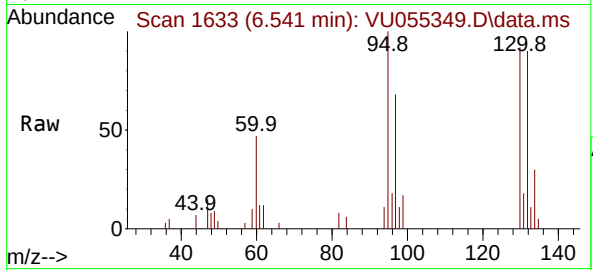
98 50.0 43.5 80.7





#34
 Trichloroethene
 Concen: 0.440 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.003 min
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 ClientSampleId :
 BH4M3



Tgt Ion:	95	Resp:	8101
Ion	Ratio	Lower	Upper
95	100		
97	68.2	47.4	88.0
132	90.1	60.5	112.3
130	91.5	68.5	127.1

