

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055350.D
 Acq On : 15 Sep 2023 19:51
 Operator : MD/SY
 Sample : 04380-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4M4

Quant Time: Sep 16 00:45:01 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)

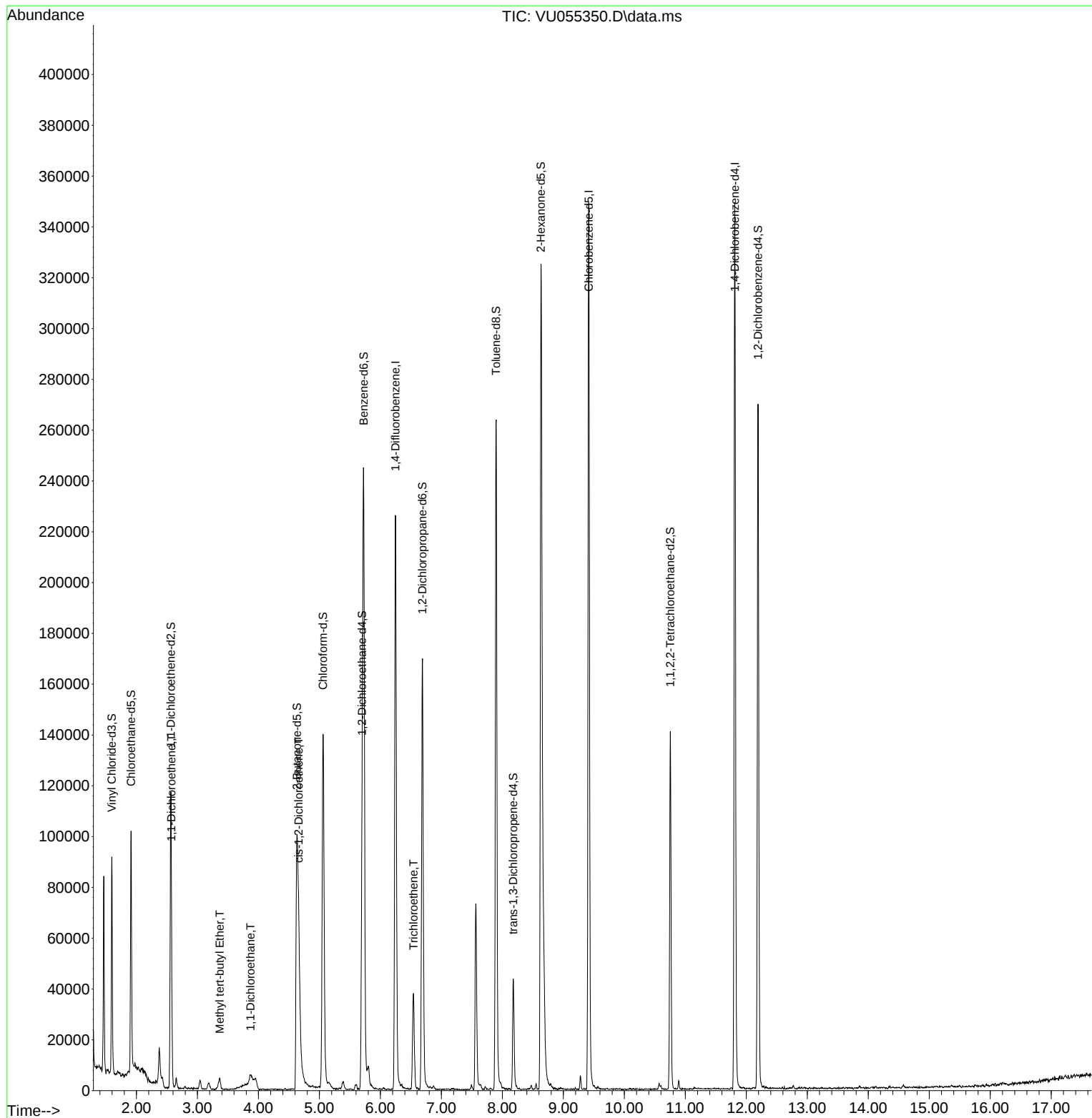
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	182986	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	191630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	85854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58666	5.578	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.600%
7) Chloroethane-d5	1.911	69	66069	5.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	2.563	65	21504	5.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.000%
20) 2-Butanone-d5	4.631	46	186815	64.234	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.460%
24) Chloroform-d	5.059	84	128059	5.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
26) 1,2-Dichloroethane-d4	5.698	65	71081	5.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.000%
32) Benzene-d6	5.724	84	228893	5.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
36) 1,2-Dichloropropane-d6	6.689	67	78551	5.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.800%
41) Toluene-d8	7.898	98	179935	5.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	8.177	79	24713	5.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.631	63	103691	58.682	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	67832	5.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	67660	6.120	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.400%#
Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.573	96	2227	0.173	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	4707	0.153	ug/L #	91
19) 1,1-Dichloroethane	3.869	63	4165	0.151	ug/L #	89
22) cis-1,2-Dichloroethene	4.660	96	9772	0.590	ug/L	97
34) Trichloroethene	6.544	95	12357	0.684	ug/L	96

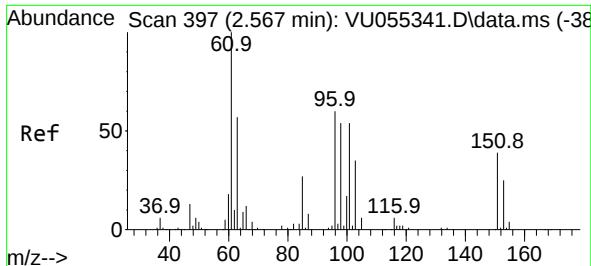
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.173 ug/L

RT: 2.573 min Scan# 397

Delta R.T. 0.007 min

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Instrument :

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ClientSampleId :

BH4M4

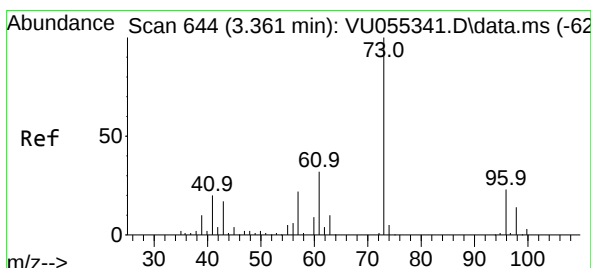
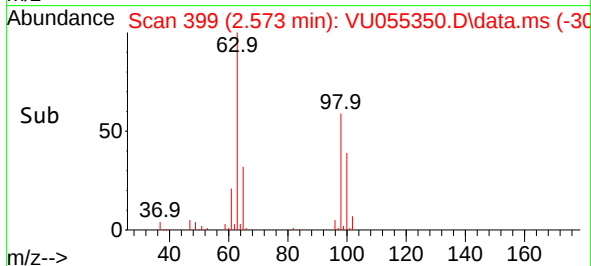
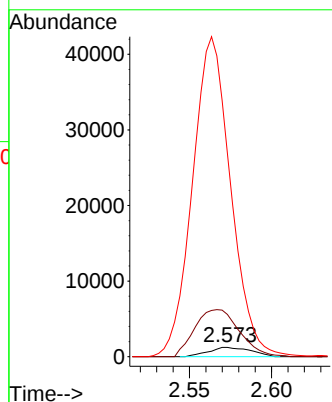
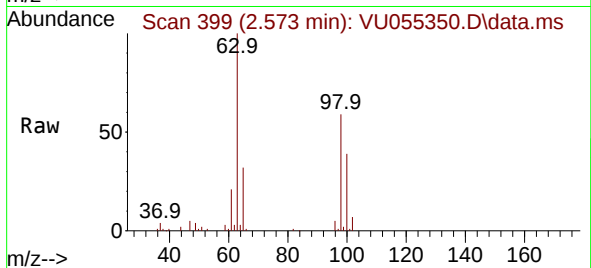
Tgt Ion: 96 Resp: 2227

Ion Ratio Lower Upper

96 100

61 452.7 122.8 228.0#

63 2179.1 71.7 133.3#



#17

Methyl tert-butyl Ether

Concen: 0.153 ug/L

RT: 3.364 min Scan# 645

Delta R.T. 0.003 min

Lab File: VU055350.D

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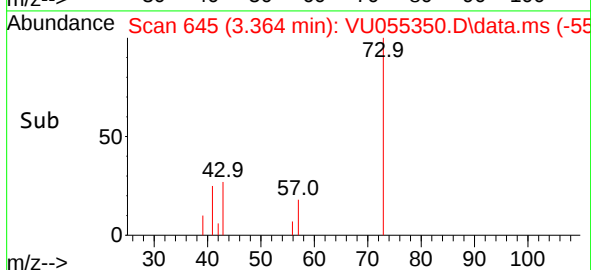
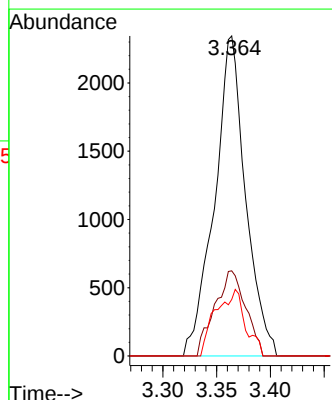
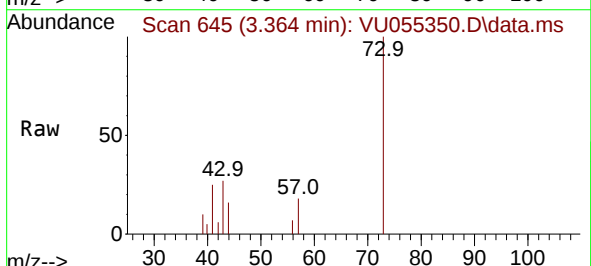
Tgt Ion: 73 Resp: 4707

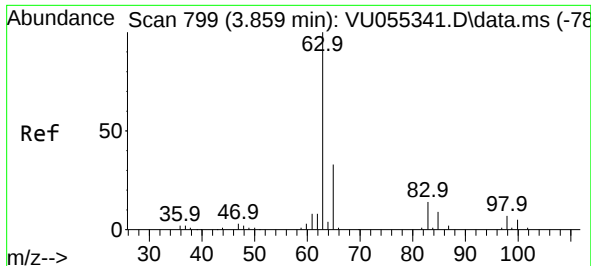
Ion Ratio Lower Upper

73 100

43 26.5 16.0 24.0#

57 19.8 17.2 25.8





#19

1,1-Dichloroethane

Concen: 0.151 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.010 min

Lab File: VU055350.D

Acq: 15 Sep 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

BH4M4

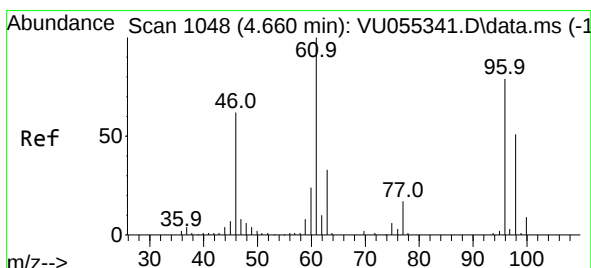
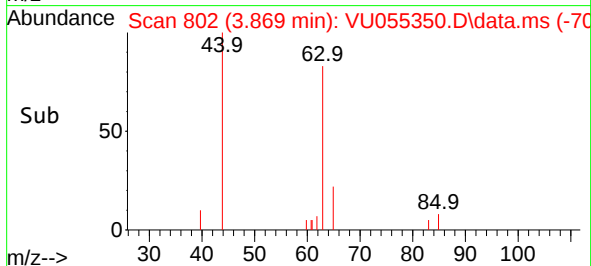
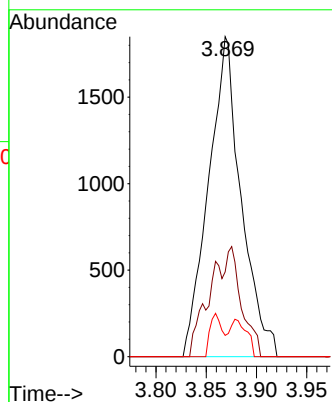
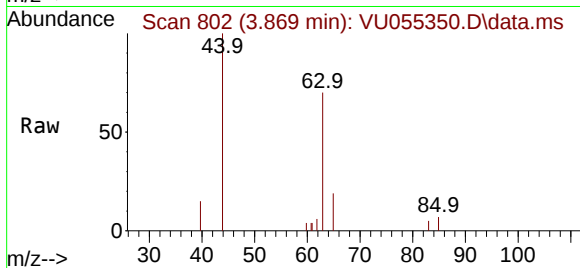
Tgt Ion: 63 Resp: 4165

Ion Ratio Lower Upper

63 100

65 26.5 21.8 40.6

83 6.6 9.7 17.9#



#22

cis-1,2-Dichloroethene

Concen: 0.590 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU055350.D

Acq: 15 Sep 2023 19:51

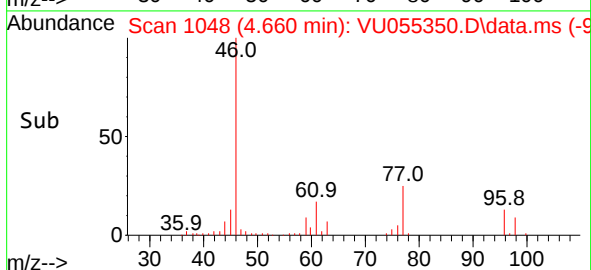
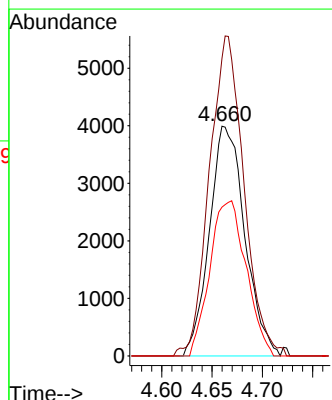
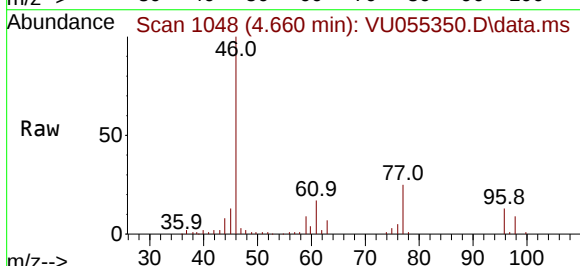
Tgt Ion: 96 Resp: 9772

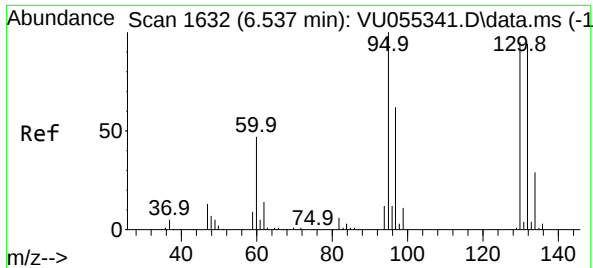
Ion Ratio Lower Upper

96 100

61 129.4 88.1 163.7

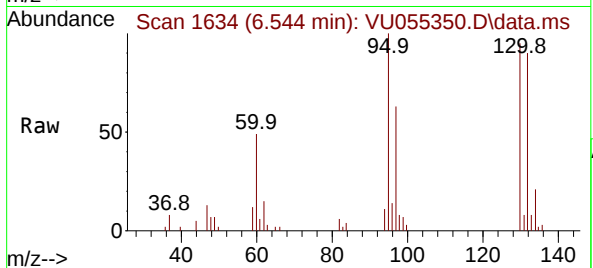
98 64.8 43.5 80.7





#34
 Trichloroethene
 Concen: 0.684 ug/L
 RT: 6.544 min Scan# 1
 Delta R.T. 0.007 min
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Instrument :
 MSVOA_U
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Tgt Ion: 95 Resp: 12357

Ion	Ratio	Lower	Upper
95	100		
97	63.4	47.4	88.0
132	89.8	60.5	112.3
130	94.5	68.5	127.1

