

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055348.D
 Acq On : 15 Sep 2023 19:02
 Operator : MD/SY
 Sample : 04380-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4M2

Quant Time: Sep 16 00:44:34 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)

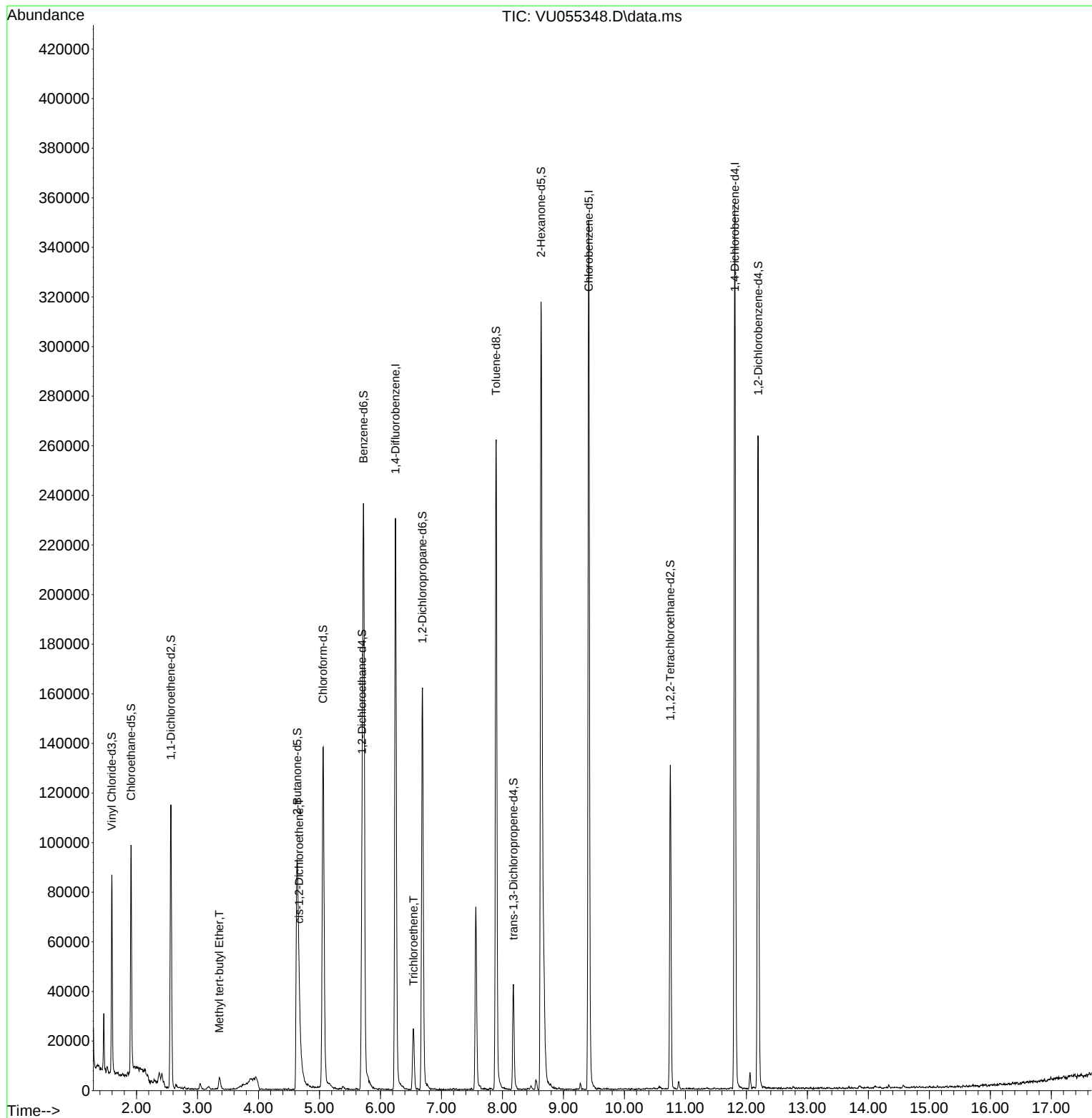
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	184442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	90967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56814	5.359	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.200%
7) Chloroethane-d5	1.911	69	65119	5.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.563	65	21981	5.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.600%
20) 2-Butanone-d5	4.634	46	178339	60.835	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.680%
24) Chloroform-d	5.058	84	126432	5.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.698	65	70030	5.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.724	84	219928	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
36) 1,2-Dichloropropane-d6	6.689	67	78989	5.804	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.000%
41) Toluene-d8	7.897	98	177581	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	8.180	79	24138	4.998	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.634	63	99737	56.762	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.520%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	66133	5.587	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	64913	5.541	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.357	73	5331	0.171	ug/L	# 84
22) cis-1,2-Dichloroethene	4.666	96	3130	0.187	ug/L	92
34) Trichloroethene	6.544	95	7874	0.439	ug/L	90

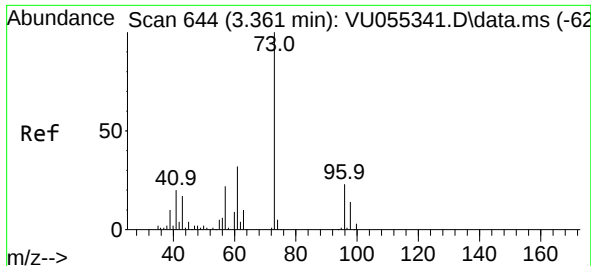
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.171 ug/L

RT: 3.357 min Scan# 64

Delta R.T. -0.003 min

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MSVOA_U

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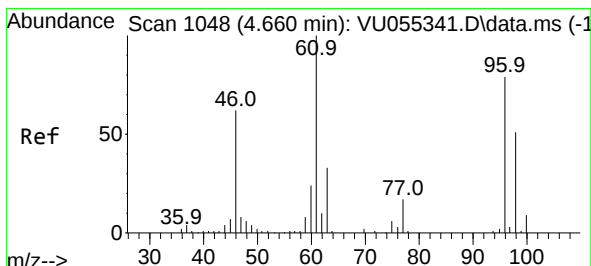
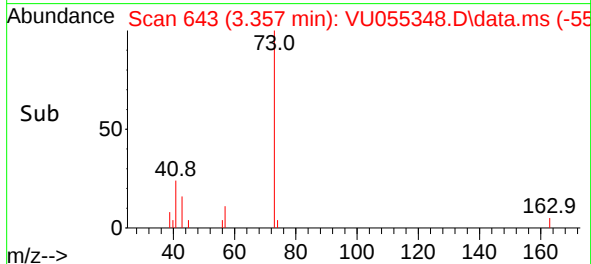
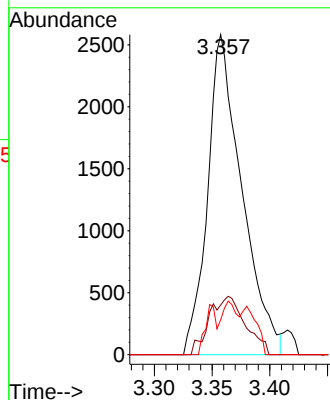
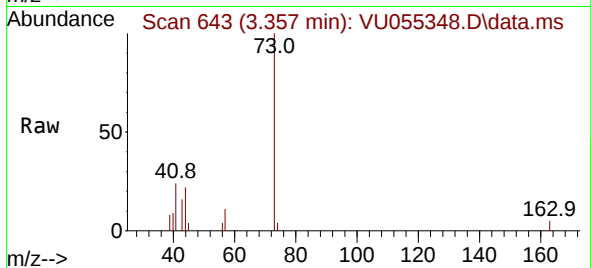
Tgt Ion: 73 Resp: 5331

Ion Ratio Lower Upper

73 100

43 19.3 16.0 24.0

57 7.7 17.2 25.8#



#22

cis-1,2-Dichloroethene

Concen: 0.187 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

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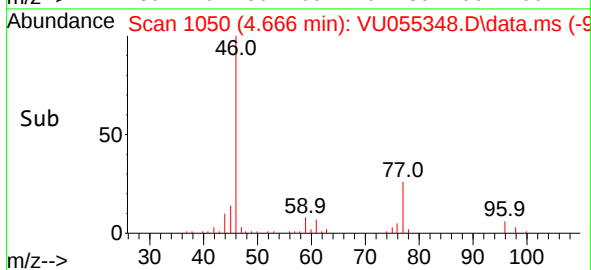
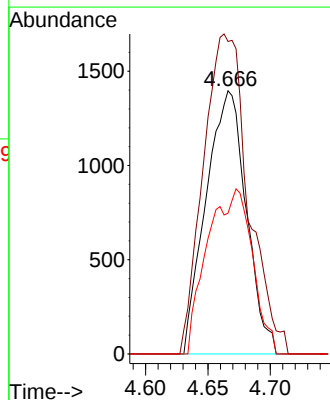
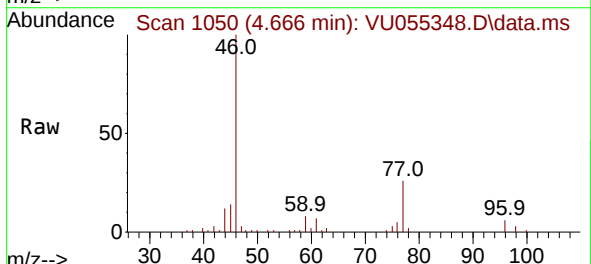
Tgt Ion: 96 Resp: 3130

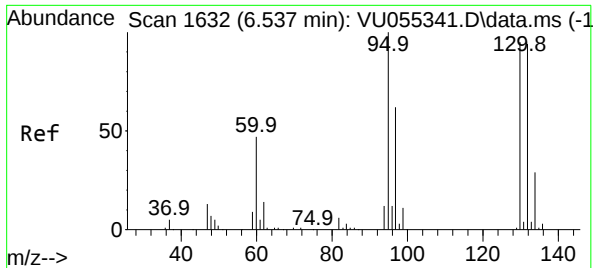
Ion Ratio Lower Upper

96 100

61 118.7 88.1 163.7

98 53.5 43.5 80.7





#34
 Trichloroethene
 Concen: 0.439 ug/L
 RT: 6.544 min Scan# 1
 Delta R.T. 0.006 min
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 MSVOA_U
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Tgt Ion: 95 Resp: 7874

Ion	Ratio	Lower	Upper
95	100		
97	57.9	47.4	88.0
132	80.2	60.5	112.3
130	86.4	68.5	127.1

