

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055323.D
 Acq On : 14 Sep 2023 23:21
 Operator : MD/SY
 Sample : 04380-06 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4L7

Quant Time: Sep 15 06:45:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

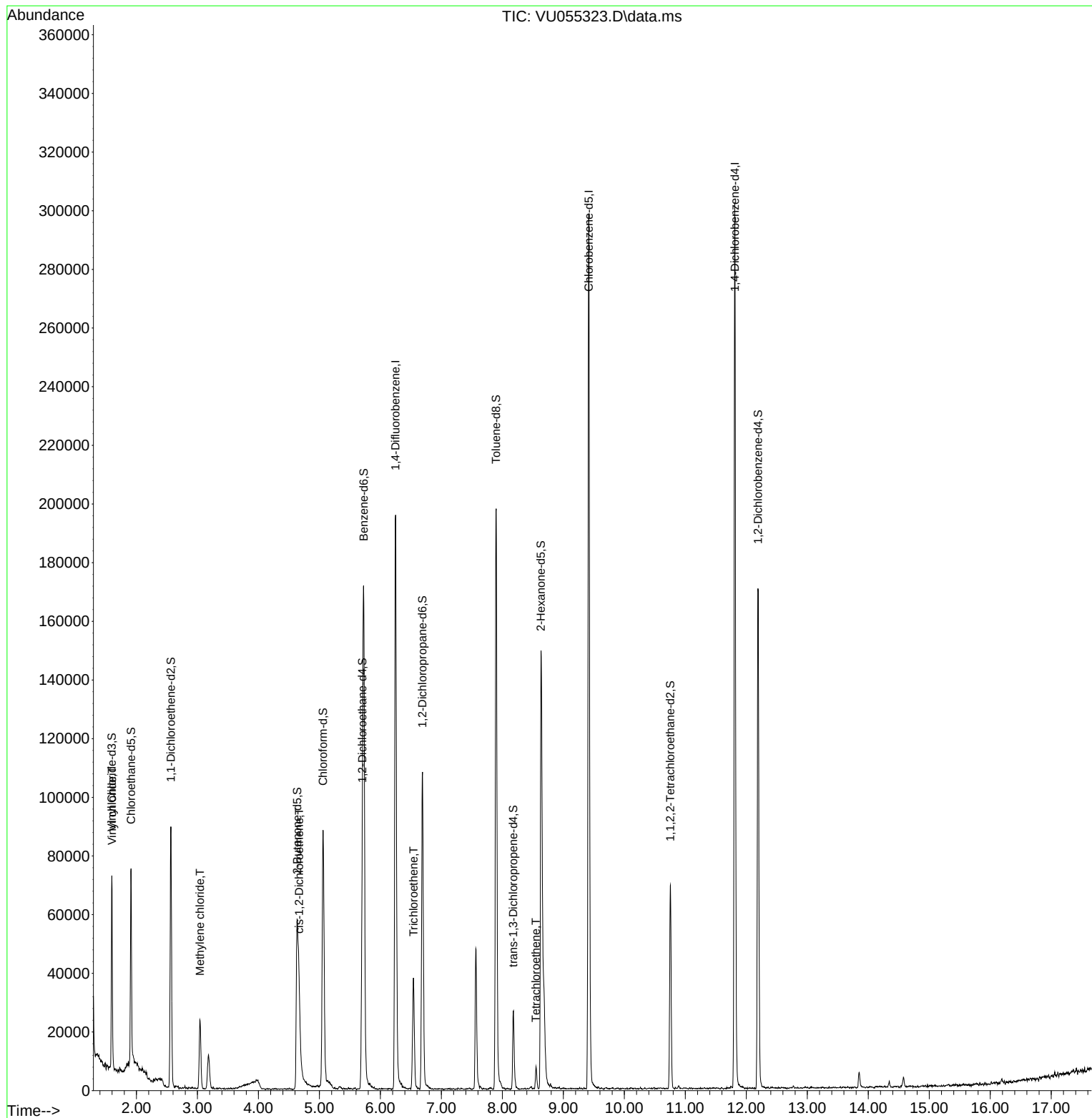
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	162801	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	166766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	78848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43620	5.717	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.400%	
7) Chloroethane-d5	1.911	69	46064	5.215	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.400%	
11) 1,1-Dichloroethene-d2	2.563	65	16237	3.735	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5	4.634	46	87111	39.342	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.680%	
24) Chloroform-d	5.058	84	81844	4.042	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
26) 1,2-Dichloroethane-d4	5.702	65	43436	4.288	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
32) Benzene-d6	5.724	84	165146	4.012	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	6.689	67	50935	3.890	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.800%	
41) Toluene-d8	7.898	98	136396	3.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.000%	
43) trans-1,3-Dichloroprop...	8.177	79	15325	4.250	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.631	63	47715	32.597	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	65.200%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	36659	3.981	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	45489	3.953	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.000%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	3704	0.365	ug/L	89
16) Methylene chloride	3.039	84	11300	0.983	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	7671	0.821	ug/L	70
34) Trichloroethene	6.544	95	12246	1.241	ug/L	92
47) Tetrachloroethene	8.550	164	1446	0.212	ug/L #	66

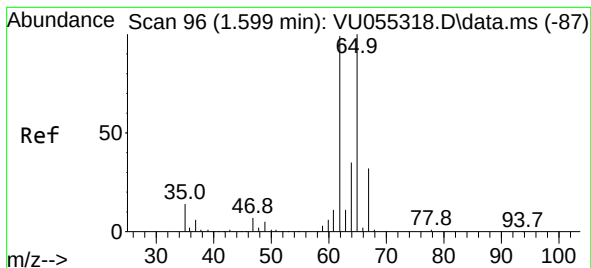
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.365 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

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Instrument :

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ClientSampleId :

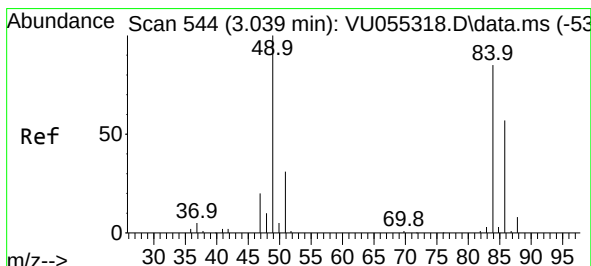
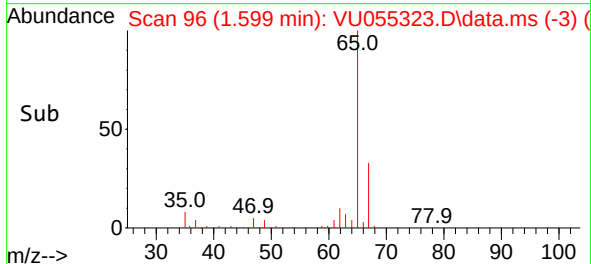
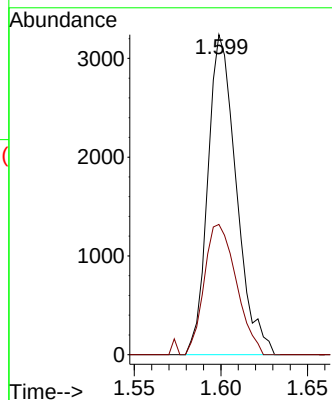
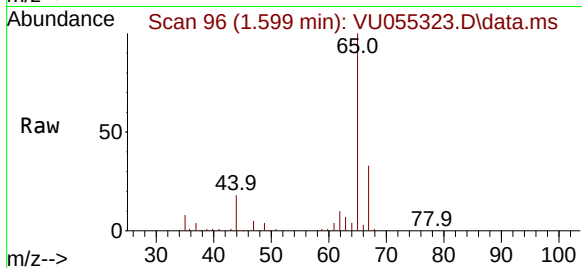
BH4L7

Tgt Ion: 62 Resp: 3704

Ion Ratio Lower Upper

62 100

64 40.7 24.2 45.0



#16

Methylene chloride

Concen: 0.983 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

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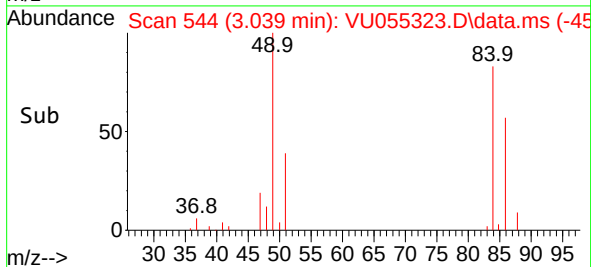
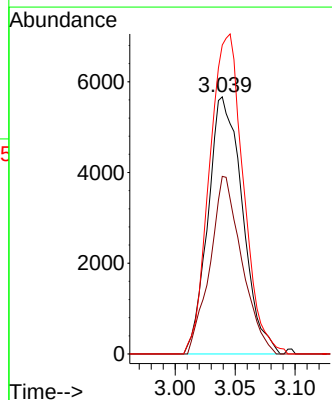
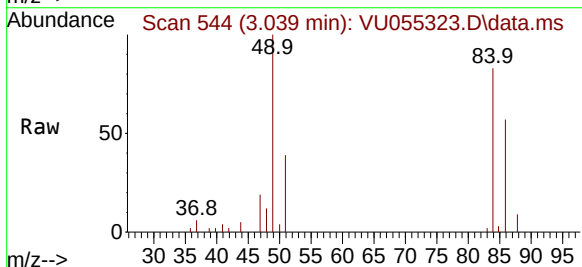
Tgt Ion: 84 Resp: 11300

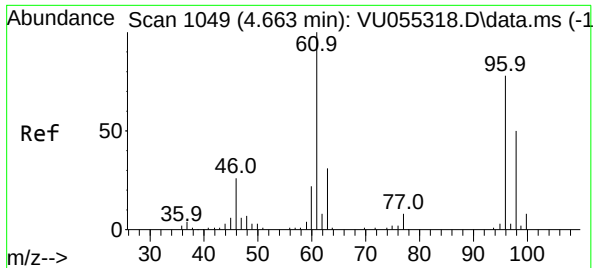
Ion Ratio Lower Upper

84 100

86 69.1 43.4 80.6

49 120.1 87.7 162.9





#22

cis-1,2-Dichloroethene

Concen: 0.821 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

BH4L7

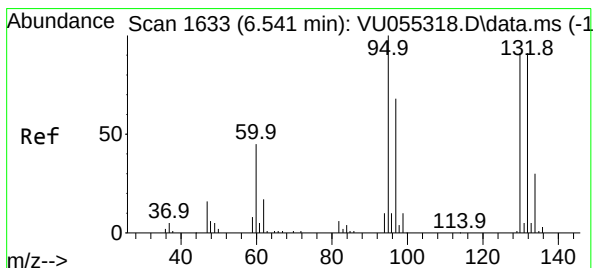
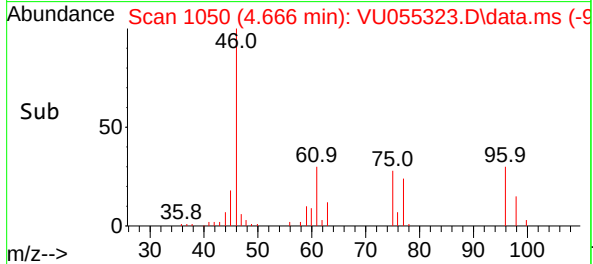
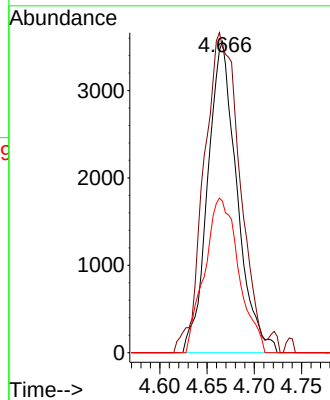
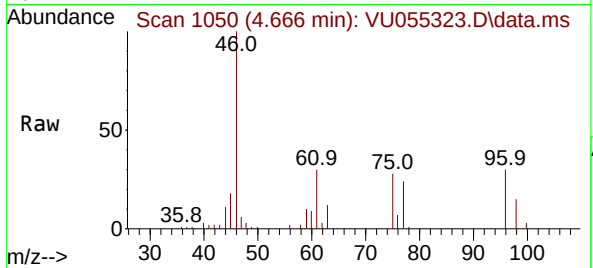
Tgt Ion: 96 Resp: 7671

Ion Ratio Lower Upper

96 100

61 98.2 97.2 180.4

98 48.7 46.1 85.7



#34

Trichloroethene

Concen: 1.241 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VU055323.D

Acq: 14 Sep 2023 23:21

Tgt Ion: 95 Resp: 12246

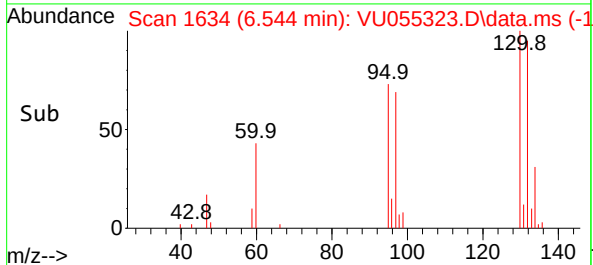
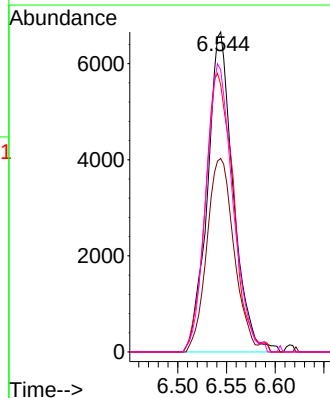
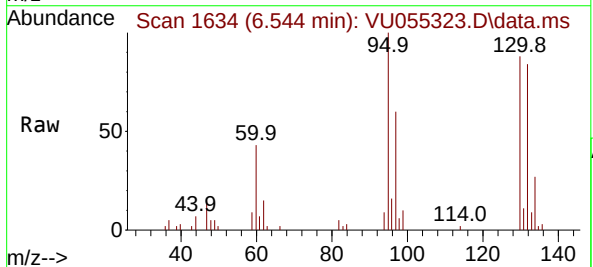
Ion Ratio Lower Upper

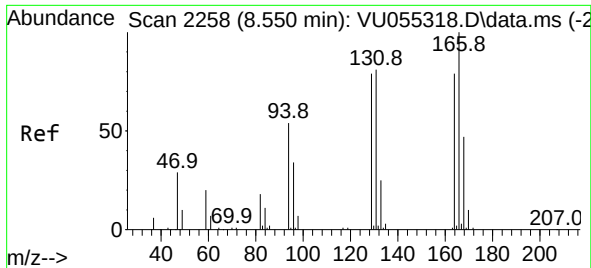
95 100

97 60.5 44.7 83.1

132 83.5 66.6 123.6

130 88.2 66.5 123.5





#47

Tetrachloroethene

Concen: 0.212 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU055323.D

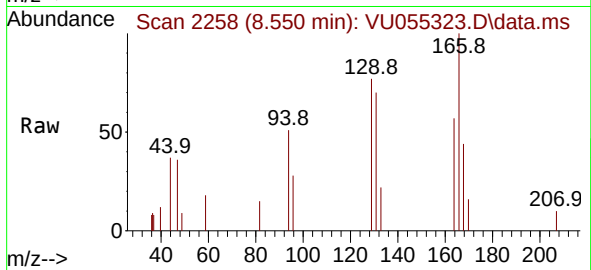
Acq: 14 Sep 2023 23:21

Instrument :

MSVOA_U

ClientSampleId :

BH4L7



Tgt Ion:164 Resp: 1446

Ion Ratio Lower Upper

164 100

129 136.4 69.2 128.6#

131 123.3 68.8 127.8

166 176.4 92.3 171.5#

