

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053721.D
 Acq On : 14 Apr 2023 18:16
 Operator : JC/MD
 Sample : 02340-05DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE07DL

Quant Time: Apr 15 05:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

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

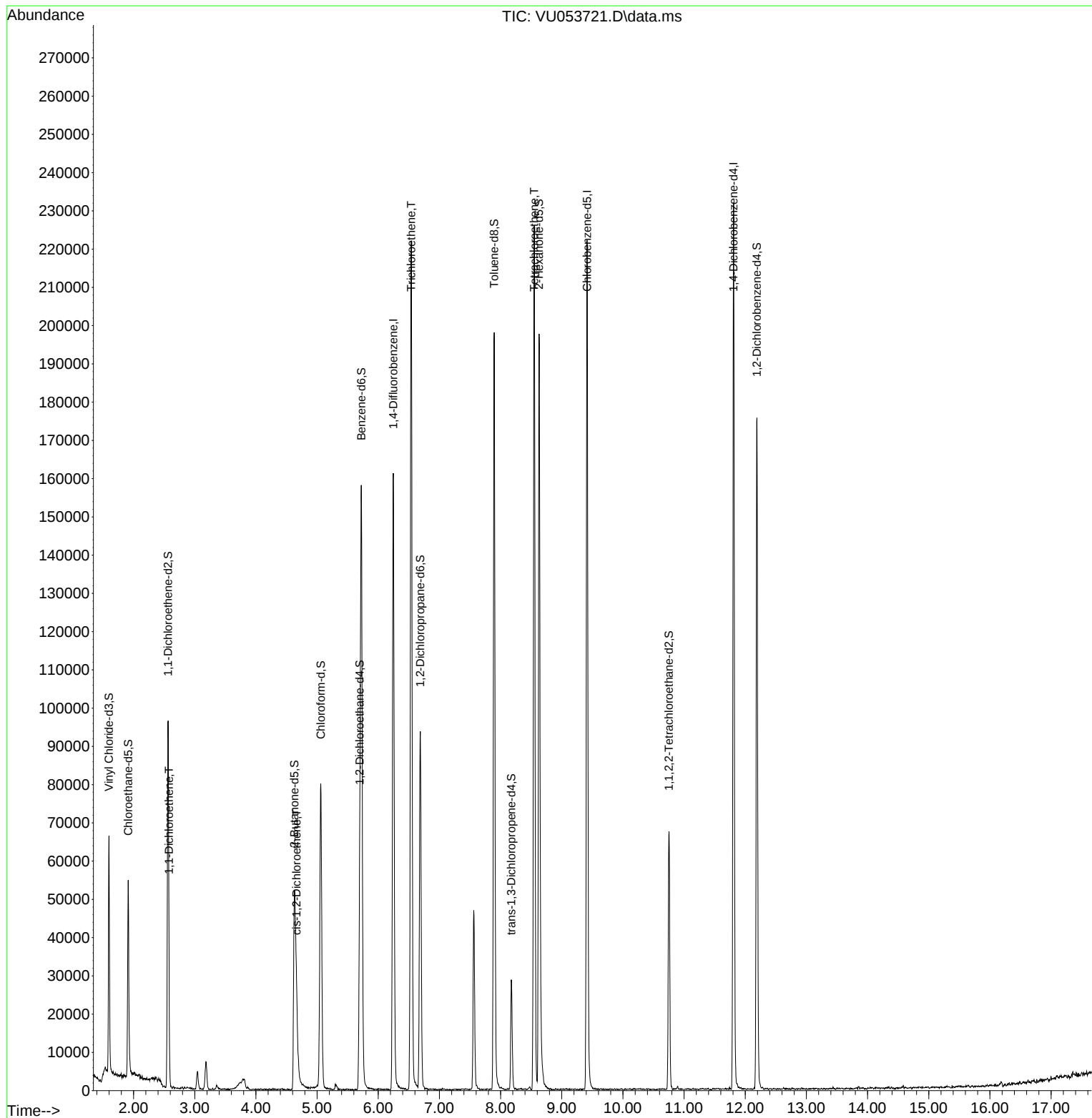
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136097	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	131944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62163	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47782	5.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.912	69	38792	4.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.565	65	17499	4.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.629	46	83963	39.146	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.300%
24) Chloroform-d	5.060	84	74682	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.697	65	38102	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.722	84	152504	4.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.687	67	47874	4.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.896	98	138619	3.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.176	79	17589	4.023	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.629	63	70436	39.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.320%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35447	3.737	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	47628	4.259	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	1312	0.170	ug/L	# 1
22) cis-1,2-Dichloroethene	4.665	96	6371	0.591	ug/L	87
34) Trichloroethene	6.539	95	77281	8.209	ug/L	92
47) Tetrachloroethene	8.549	164	50687	7.328	ug/L	95

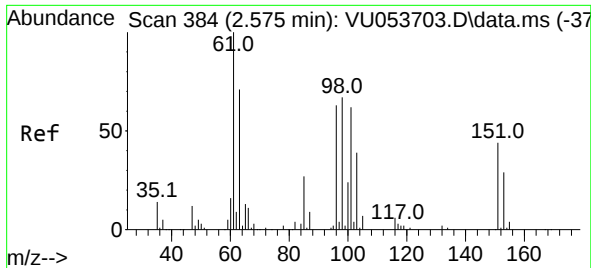
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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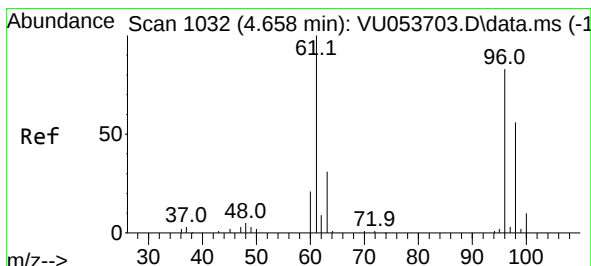
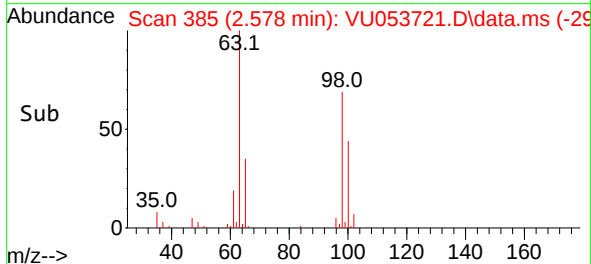
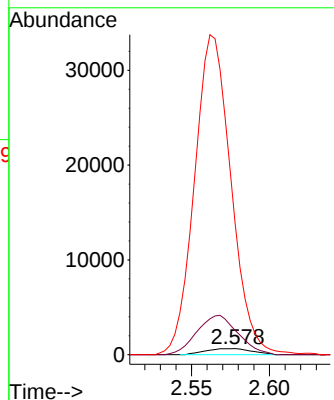
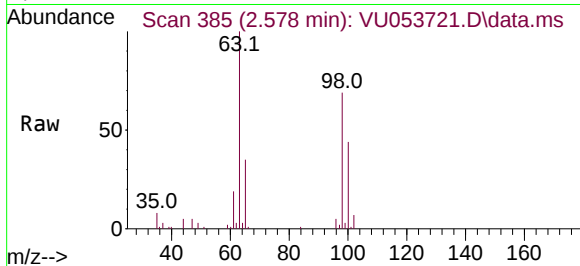




#12
 1,1-Dichloroethene
 Concen: 0.170 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU053721.D
 Acq: 14 Apr 2023 18:16

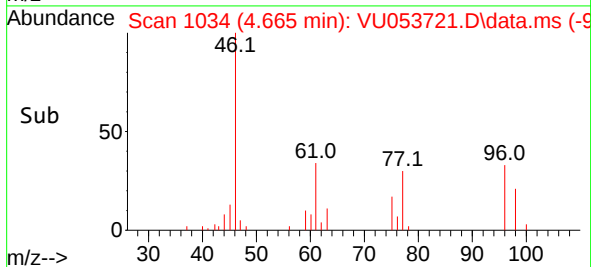
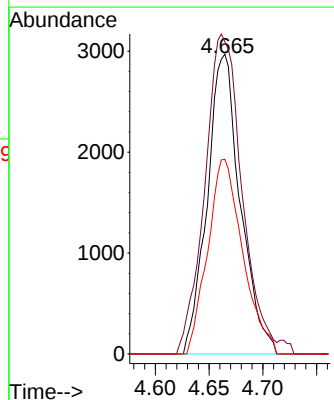
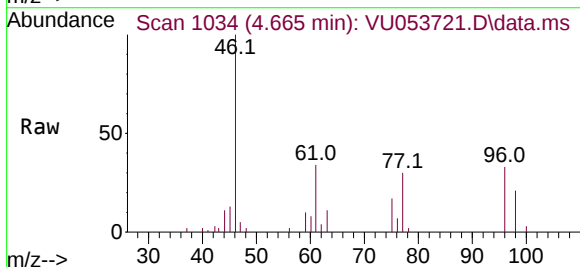
Instrument :
 MSVOA_U
 ClientSampleId :
 BHE07DL

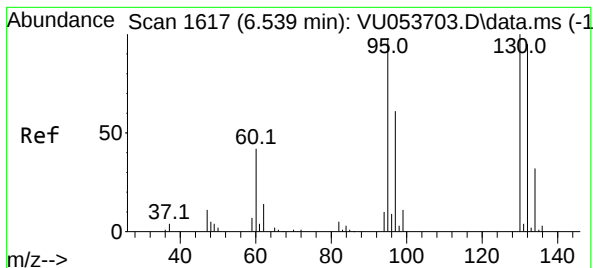
Tgt Ion: 96 Resp: 1312
 Ion Ratio Lower Upper
 96 100
 61 398.0 116.8 216.8#
 63 2151.1 88.6 164.6#



#22
 cis-1,2-Dichloroethene
 Concen: 0.591 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.006 min
 Lab File: VU053721.D
 Acq: 14 Apr 2023 18:16

Tgt Ion: 96 Resp: 6371
 Ion Ratio Lower Upper
 96 100
 61 104.1 86.6 160.8
 98 64.9 47.7 88.5





#34

Trichloroethene

Concen: 8.209 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053721.D

Acq: 14 Apr 2023 18:16

Instrument :

MSVOA_U

ClientSampleId :

BHE07DL

Tgt Ion: 95 Resp: 77281

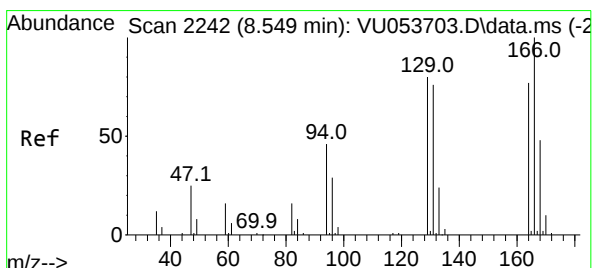
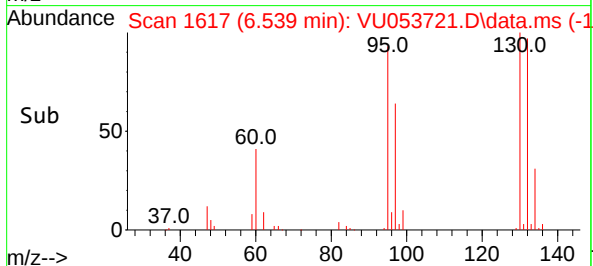
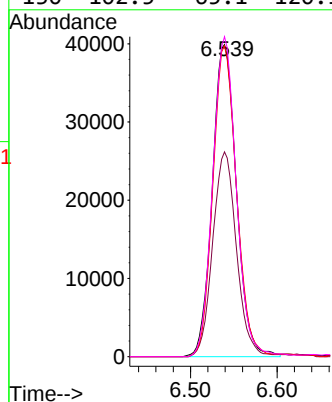
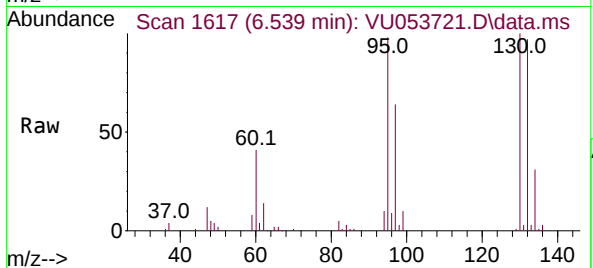
Ion Ratio Lower Upper

95 100

97 65.6 45.3 84.1

132 99.6 62.8 116.6

130 102.5 65.1 120.9



#47

Tetrachloroethene

Concen: 7.328 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU053721.D

Acq: 14 Apr 2023 18:16

Tgt Ion: 164 Resp: 50687

Ion Ratio Lower Upper

164 100

129 100.3 74.8 138.8

131 94.4 70.1 130.1

166 127.2 87.3 162.1

