

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
 Data File : VU053732.D
 Acq On : 17 Apr 2023 17:21
 Operator : JC/MD
 Sample : 02340-08 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE06

Quant Time: Apr 18 00:22:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 18 00:19:36 2023
 Response via : Initial Calibration

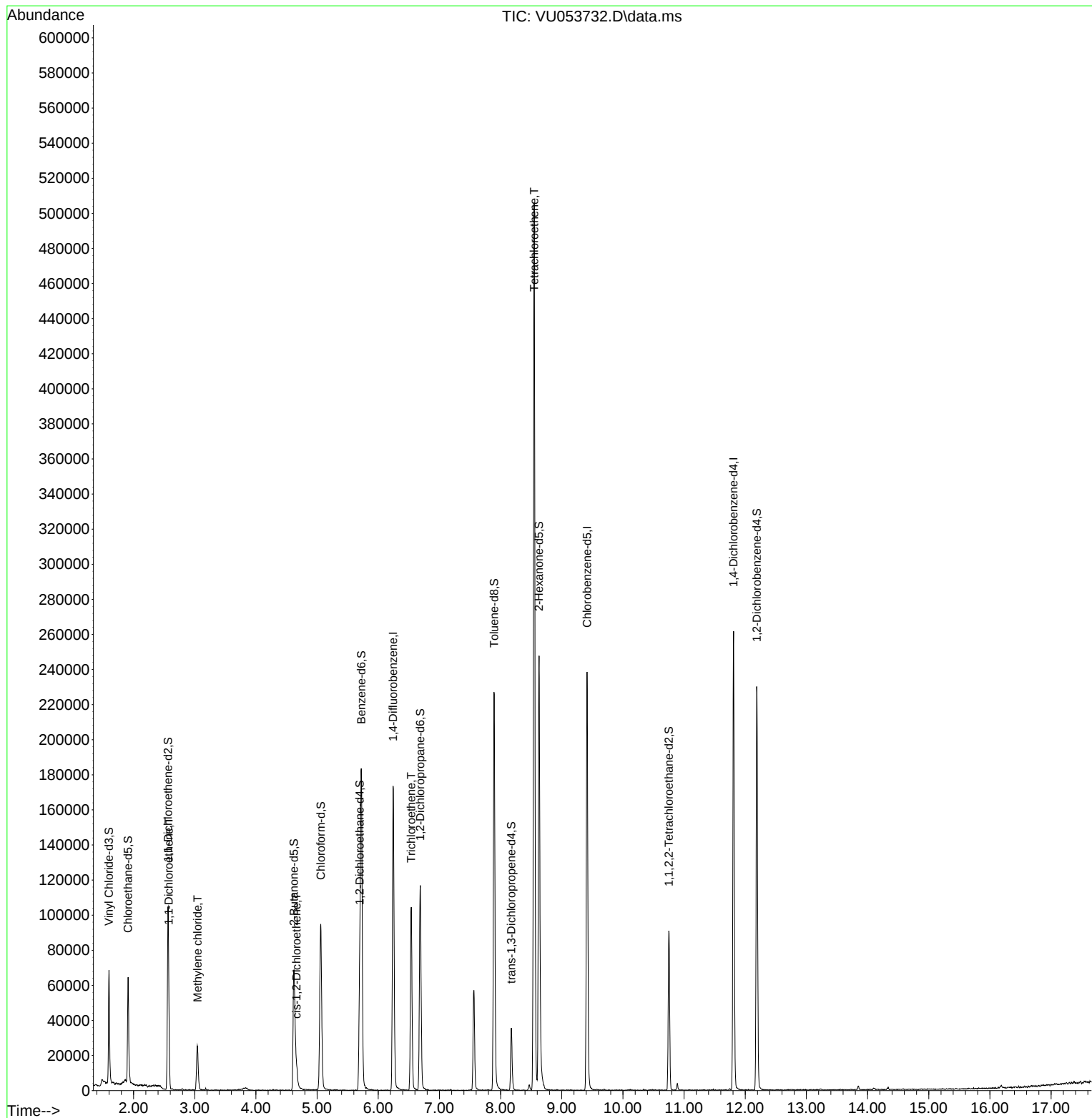
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	148827	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	140481	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70679	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49692	4.854	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.000%	
7) Chloroethane-d5	1.909	69	45234	4.868	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.565	65	18661	4.279	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.600%	
20) 2-Butanone-d5	4.620	46	103300	44.042	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.080%	
24) Chloroform-d	5.060	84	89855	4.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.697	65	46535	4.784	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	5.722	84	180084	4.523	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.687	67	57446	4.735	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.893	98	161807	4.308	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
43) trans-1,3-Dichloroprop...	8.176	79	21381	4.593	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.629	63	88565	46.837	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.680%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	45745	4.530	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.600%	
66) 1,2-Dichlorobenzene-d4	12.188	152	62437	4.910	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
12) 1,1-Dichloroethene	2.575	96	1699	0.202	ug/L	1
16) Methylene chloride	3.044	84	13319	1.204	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	3901	0.331	ug/L	96
34) Trichloroethene	6.539	95	35362	3.528	ug/L	93
47) Tetrachloroethene	8.549	164	110820	15.047	ug/L	95

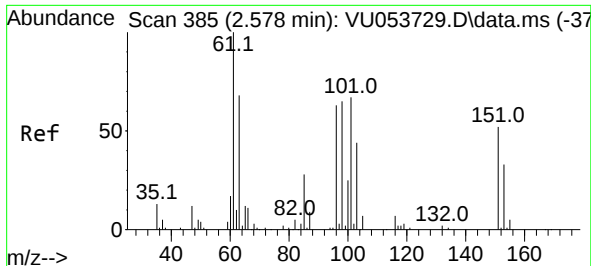
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.202 ug/L

RT: 2.575 min Scan# 3

Delta R.T. -0.003 min

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Instrument :

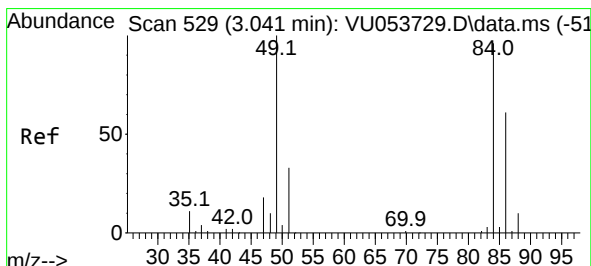
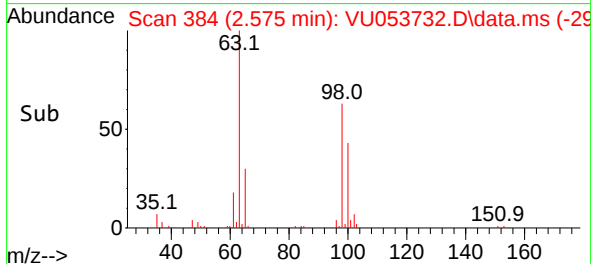
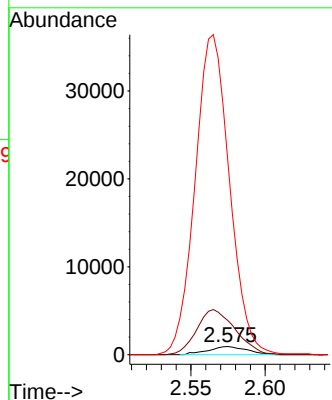
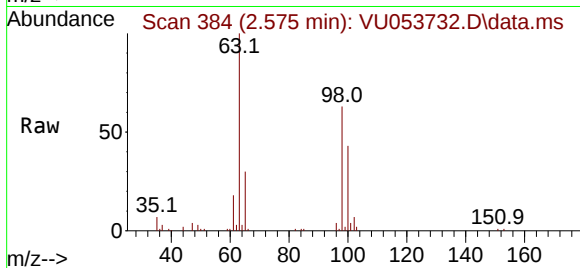
MSVOA_U

ClientSampleId :

BHE06

Tgt Ion: 96 Resp: 1699

Ion	Ratio	Lower	Upper
96	100		
61	420.8	116.8	216.8#
63	2388.8	88.6	164.6#



#16

Methylene chloride

Concen: 1.204 ug/L

RT: 3.044 min Scan# 530

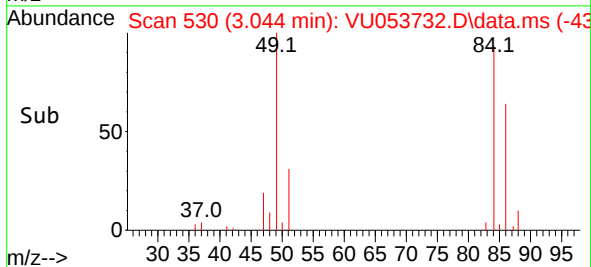
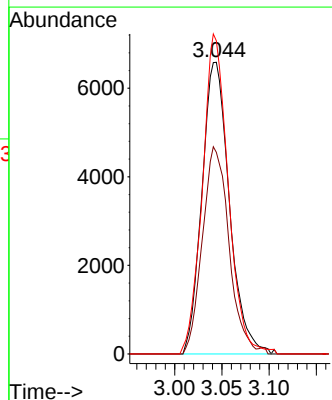
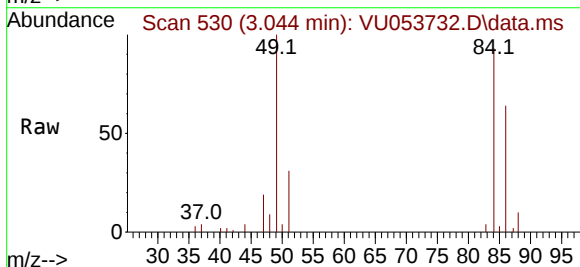
Delta R.T. 0.003 min

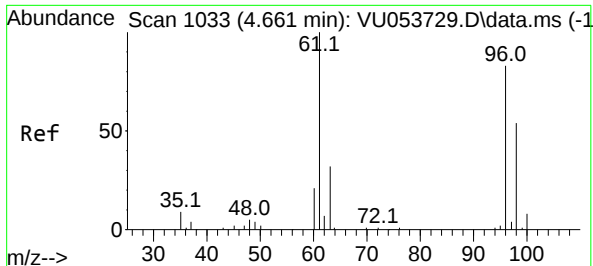
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Acq: 17 Apr 2023 17:21

Tgt Ion: 84 Resp: 13319

Ion	Ratio	Lower	Upper
84	100		
86	69.1	44.7	83.1
49	107.3	75.5	140.1





#22

cis-1,2-Dichloroethene

Concen: 0.331 ug/L

RT: 4.665 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU053732.D

Acq: 17 Apr 2023 17:21

Instrument :

MSVOA_U

ClientSampleId :

BHE06

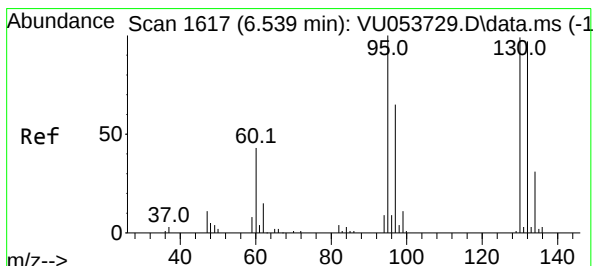
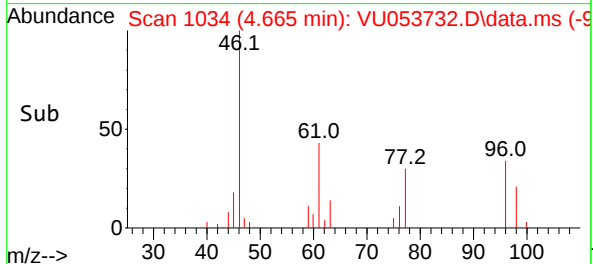
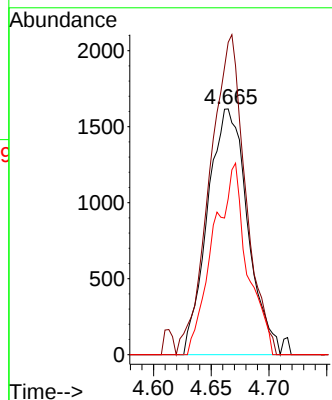
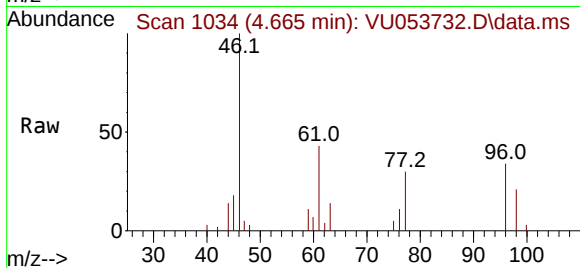
Tgt Ion: 96 Resp: 3901

Ion Ratio Lower Upper

96 100

61 127.0 86.6 160.8

98 63.5 47.7 88.5



#34

Trichloroethene

Concen: 3.528 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU053732.D

Acq: 17 Apr 2023 17:21

Tgt Ion: 95 Resp: 35362

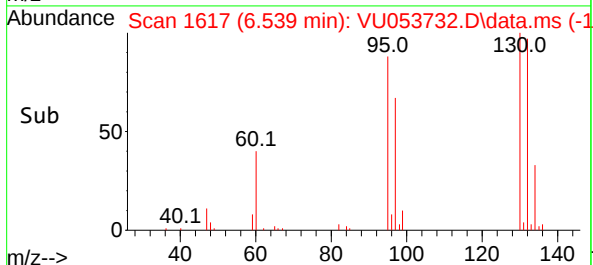
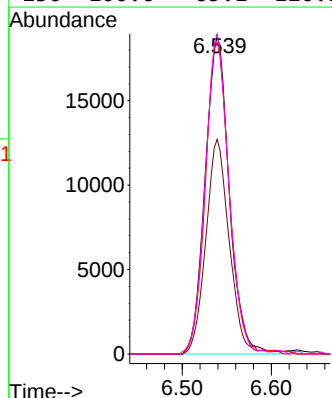
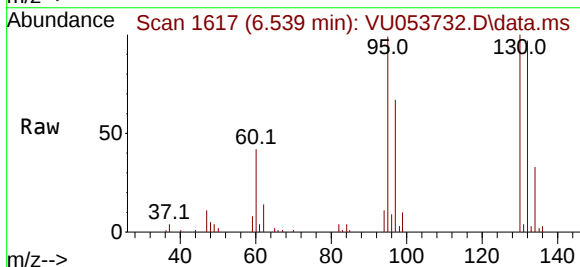
Ion Ratio Lower Upper

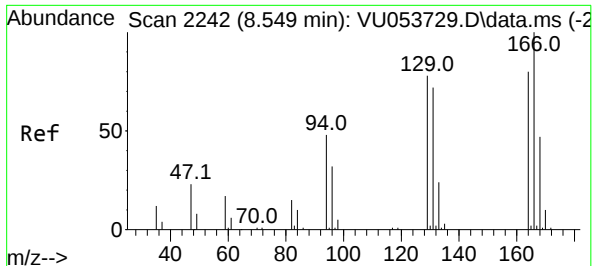
95 100

97 67.4 45.3 84.1

132 97.9 62.8 116.6

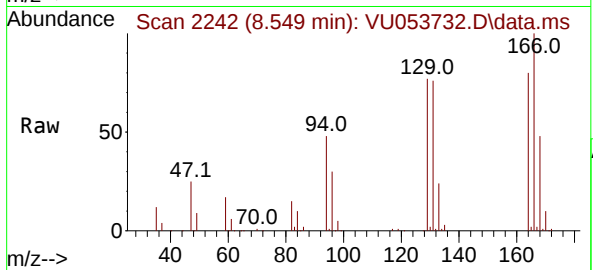
130 100.6 65.1 120.9





#47
 Tetrachloroethene
 Concen: 15.047 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU053732.D
 Acq: 17 Apr 2023 17:21

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE06



Tgt Ion:	164	Resp:	110820
Ion	Ratio	Lower	Upper
164	100		
129	96.1	74.8	138.8
131	94.4	70.1	130.1
166	124.7	87.3	162.1

