

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053869.D
 Acq On : 25 Apr 2023 02:35
 Operator : JC/MD
 Sample : 02433-18 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE53

Quant Time: Apr 25 06:24:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 06:22:49 2023
 Response via : Initial Calibration

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

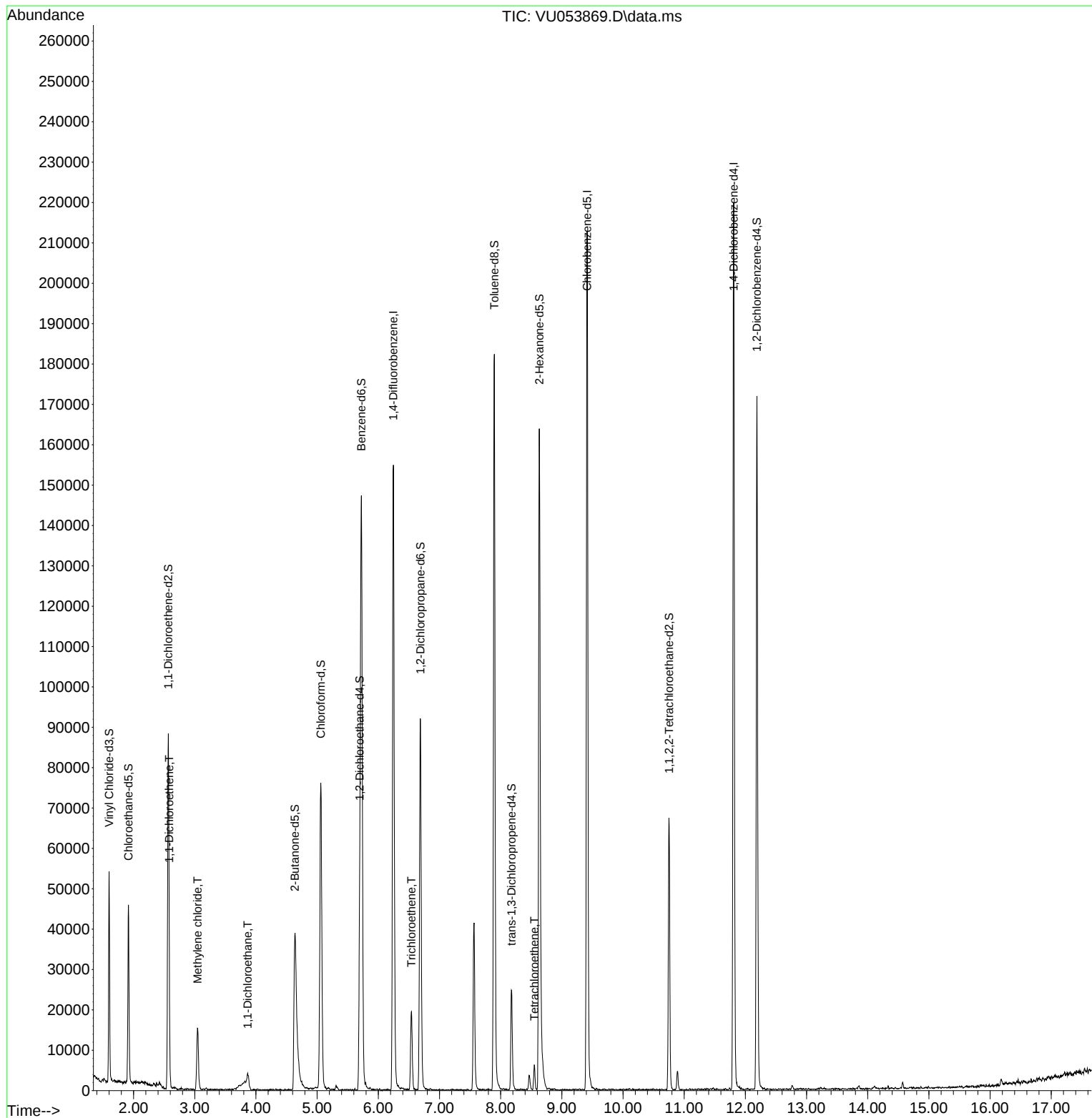
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	134516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62829	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36815	4.493	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.916	69	32448	4.719	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.400%	
11) 1,1-Dichloroethene-d2	2.568	65	15470	4.588	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.800%	
20) 2-Butanone-d5	4.636	46	76139	50.737	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.480%	
24) Chloroform-d	5.060	84	73890	4.786	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.697	65	35676	5.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.722	84	145230	4.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.687	67	45451	4.932	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.896	98	133203	4.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	8.176	79	15533	4.286	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.632	63	61821	48.197	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.400%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33992	4.564	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	12.188	152	47275	4.691	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	3783	0.447	ug/L #	1
16) Methylene chloride	3.044	84	8355	0.724	ug/L	98
19) 1,1-Dichloroethane	3.864	63	4346	0.281	ug/L	96
34) Trichloroethene	6.542	95	6960	0.701	ug/L	92
47) Tetrachloroethene	8.552	164	1212	0.154	ug/L #	69

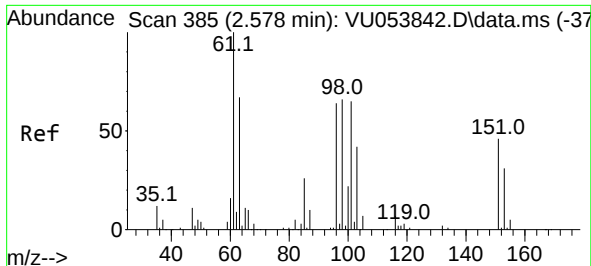
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.447 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

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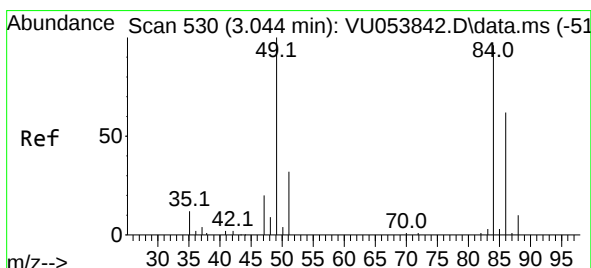
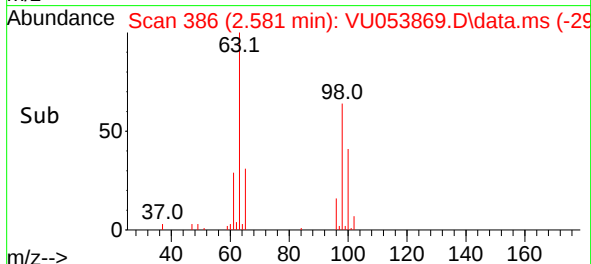
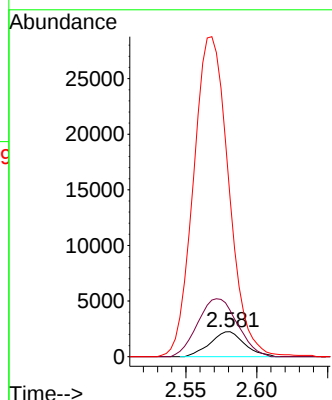
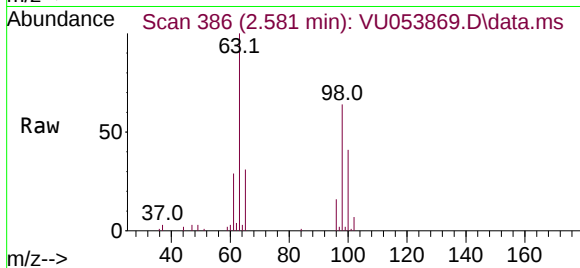
Tgt Ion: 96 Resp: 3783

Ion Ratio Lower Upper

96 100

61 185.3 111.5 207.1

63 634.2 68.7 127.7#



#16

Methylene chloride

Concen: 0.724 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

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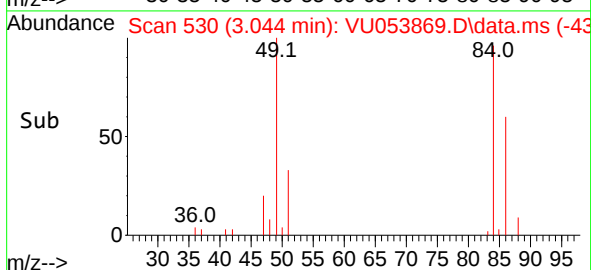
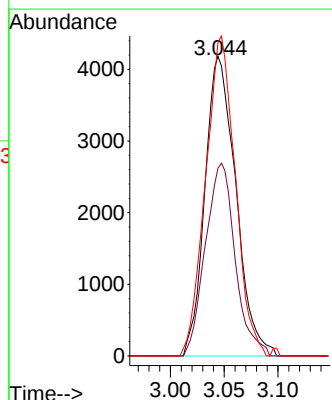
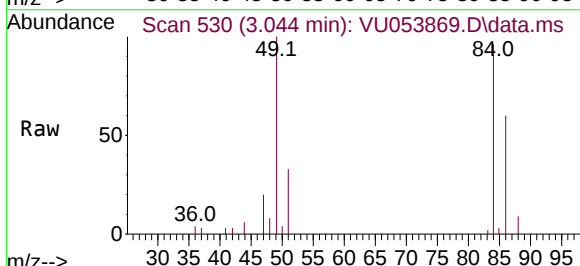
Tgt Ion: 84 Resp: 8355

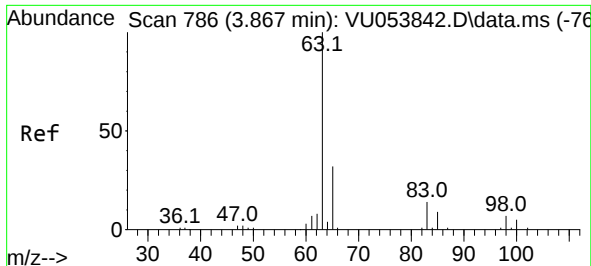
Ion Ratio Lower Upper

84 100

86 62.6 45.0 83.6

49 104.5 74.8 138.8





#19

1,1-Dichloroethane

Concen: 0.281 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

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ClientSampleId :

BHE53

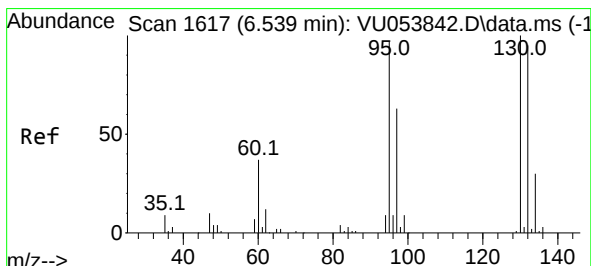
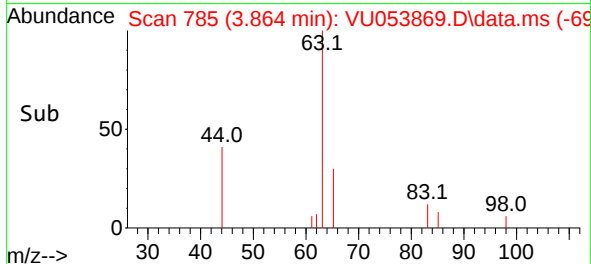
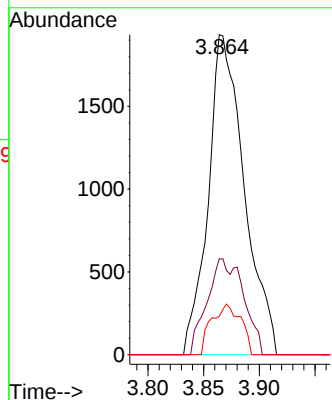
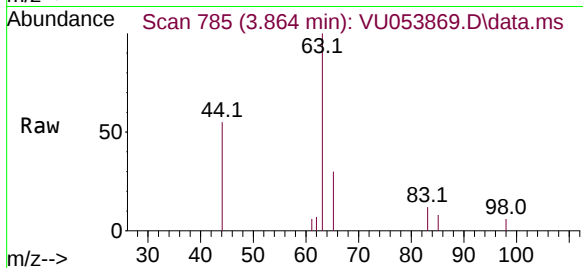
Tgt Ion: 63 Resp: 4346

Ion Ratio Lower Upper

63 100

65 30.0 22.0 40.8

83 12.0 10.3 19.1



#34

Trichloroethene

Concen: 0.701 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU053869.D

Acq: 25 Apr 2023 02:35

Tgt Ion: 95 Resp: 6960

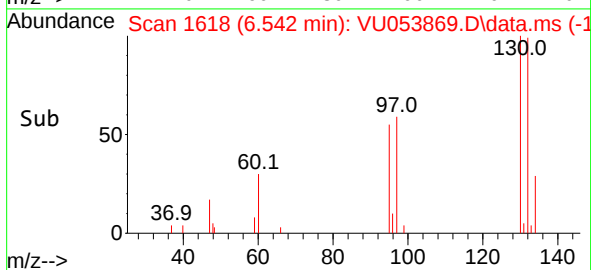
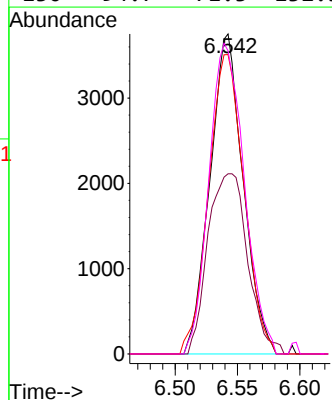
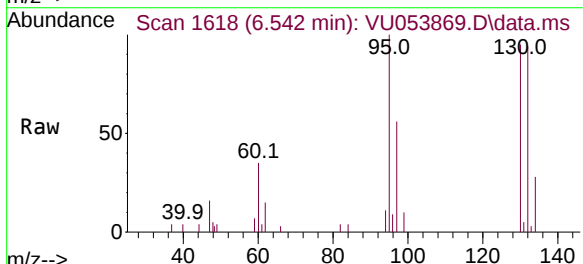
Ion Ratio Lower Upper

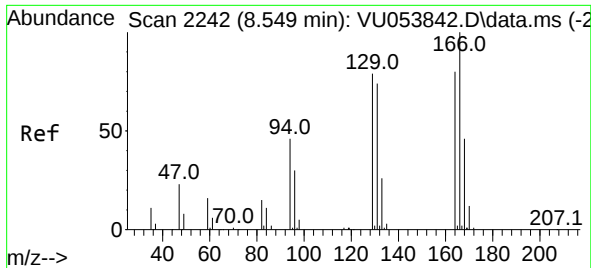
95 100

97 56.3 45.1 83.9

132 93.6 69.9 129.9

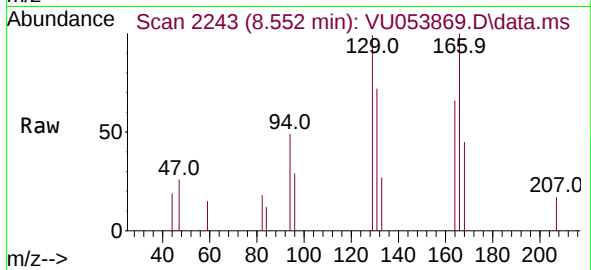
130 94.7 71.3 132.3





#47
 Tetrachloroethene
 Concen: 0.154 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.003 min
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Instrument :
 MSVOA_U
 ClientSampleId :
 BHE53



Tgt Ion:	164	Resp:	1212
Ion	Ratio	Lower	Upper
164	100		
129	151.0	68.3	126.8#
131	110.1	64.4	119.6
166	152.0	88.3	163.9

