

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053846.D
 Acq On : 24 Apr 2023 16:55
 Operator : JC/MD
 Sample : 02392-13 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE33

Quant Time: Apr 25 05:03:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 05:01:02 2023
 Response via : Initial Calibration

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

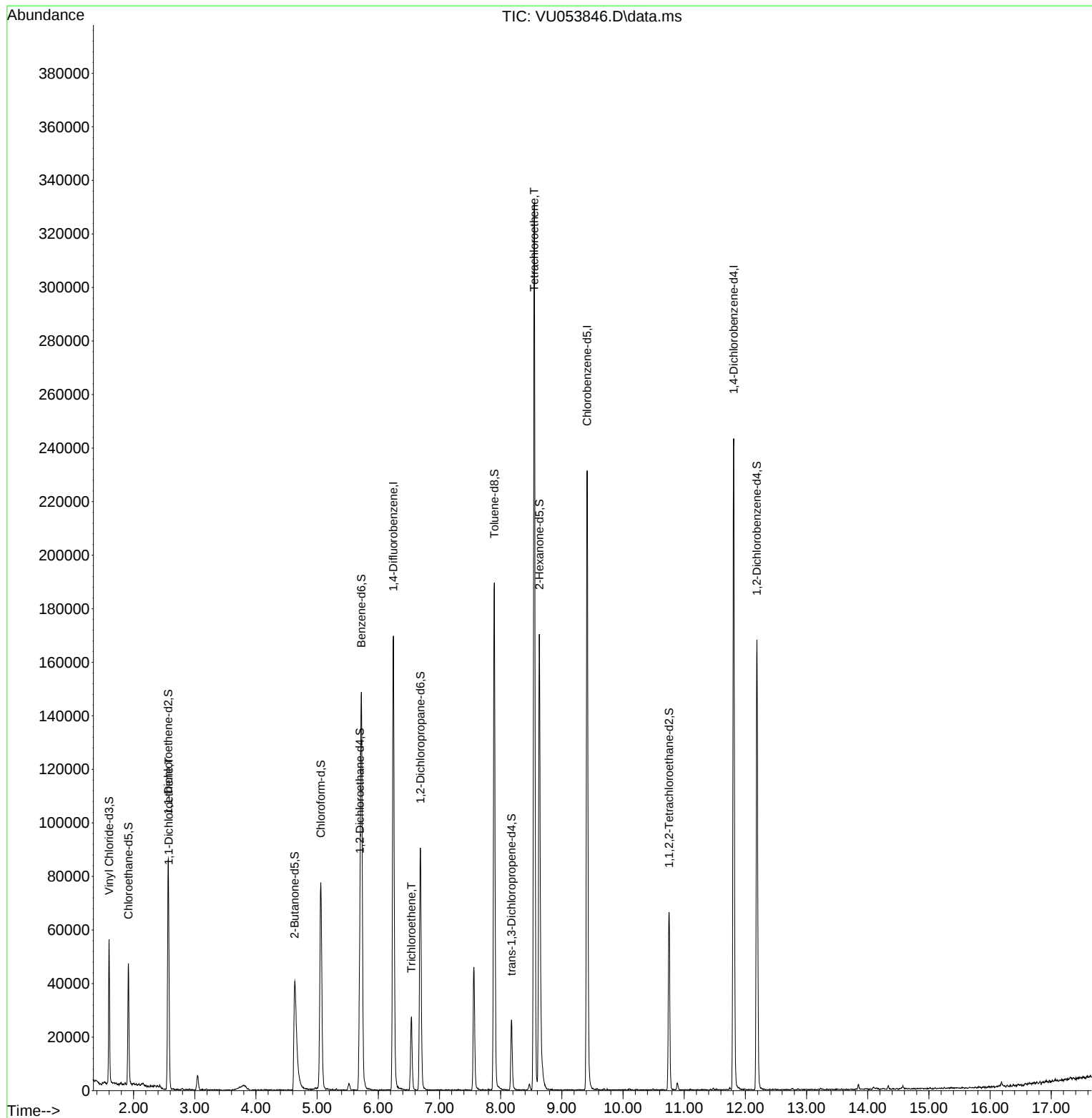
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	149524	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	139456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38772	4.257	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.916	69	33879	4.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.568	65	15721	4.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.632	46	77743	46.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.220%
24) Chloroform-d	5.060	84	76077	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.700	65	36264	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.722	84	150065	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	46237	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.896	98	137357	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.176	79	16882	4.319	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.632	63	63868	46.171	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34609	4.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	48511	4.402	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	1238	0.132	ug/L	# 1
34) Trichloroethene	6.542	95	9012	0.841	ug/L	94
47) Tetrachloroethene	8.549	164	74854	8.817	ug/L	98

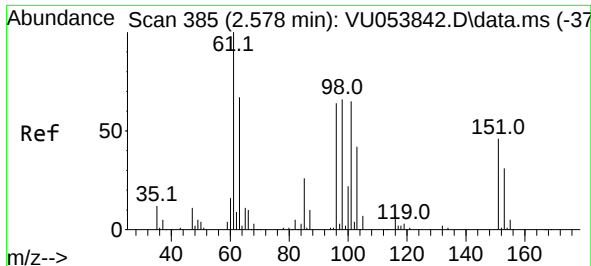
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.132 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

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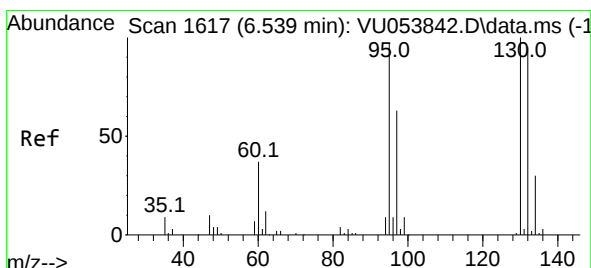
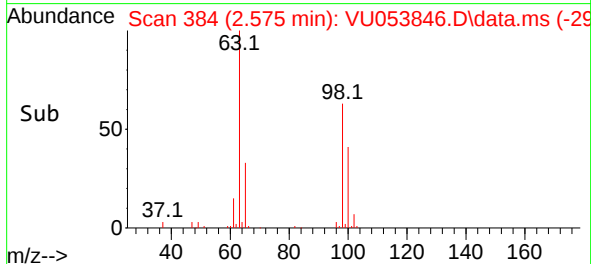
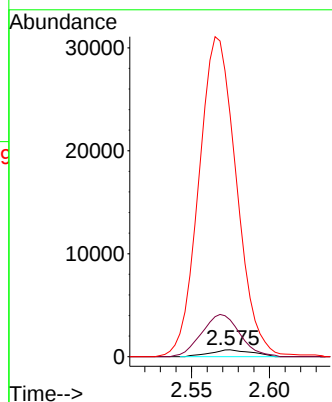
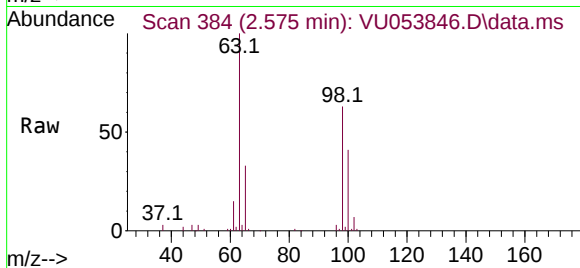
Tgt Ion: 96 Resp: 1238

Ion Ratio Lower Upper

96 100

61 535.8 111.5 207.1#

63 3521.4 68.7 127.7#



#34

Trichloroethene

Concen: 0.841 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

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Acq: 24 Apr 2023 16:55

Tgt Ion: 95 Resp: 9012

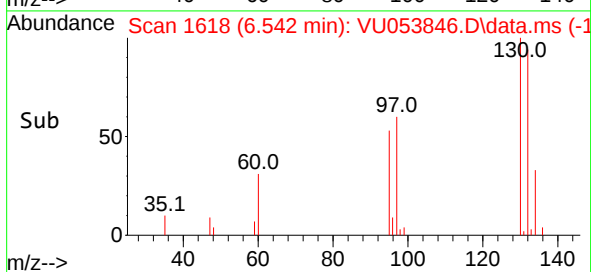
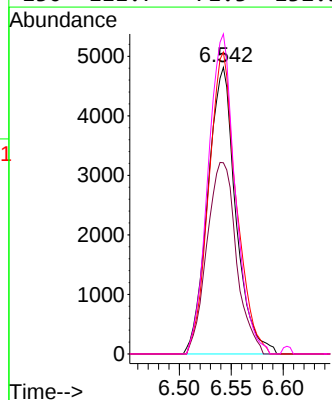
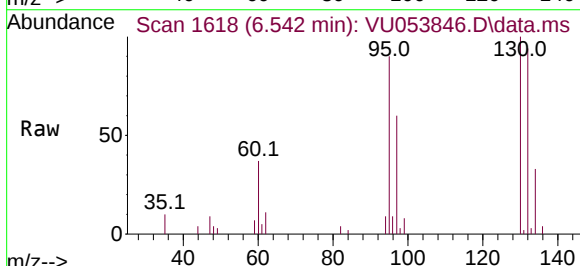
Ion Ratio Lower Upper

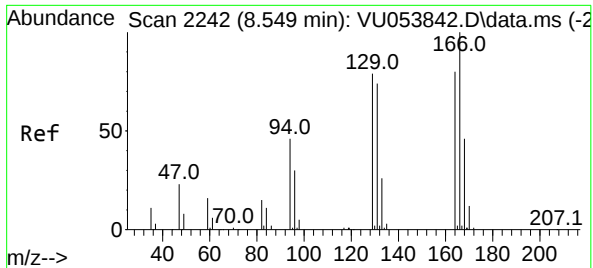
95 100

97 66.7 45.1 83.9

132 105.3 69.9 129.9

130 111.7 71.3 132.3





#47

Tetrachloroethene

Concen: 8.817 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053846.D

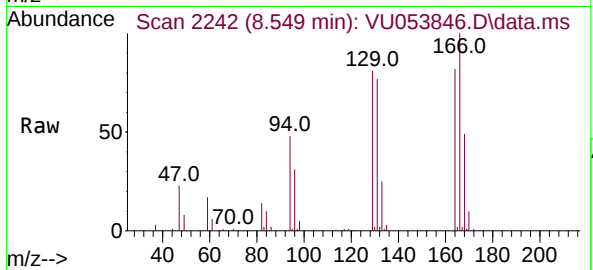
Acq: 24 Apr 2023 16:55

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Tgt Ion:164 Resp: 74854

Ion Ratio Lower Upper

164 100

129 97.9 68.3 126.8

131 93.7 64.4 119.6

166 121.4 88.3 163.9

