

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053863.D
 Acq On : 24 Apr 2023 23:46
 Operator : JC/MD
 Sample : 02433-07 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE43

Quant Time: Apr 25 05:07:23 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)

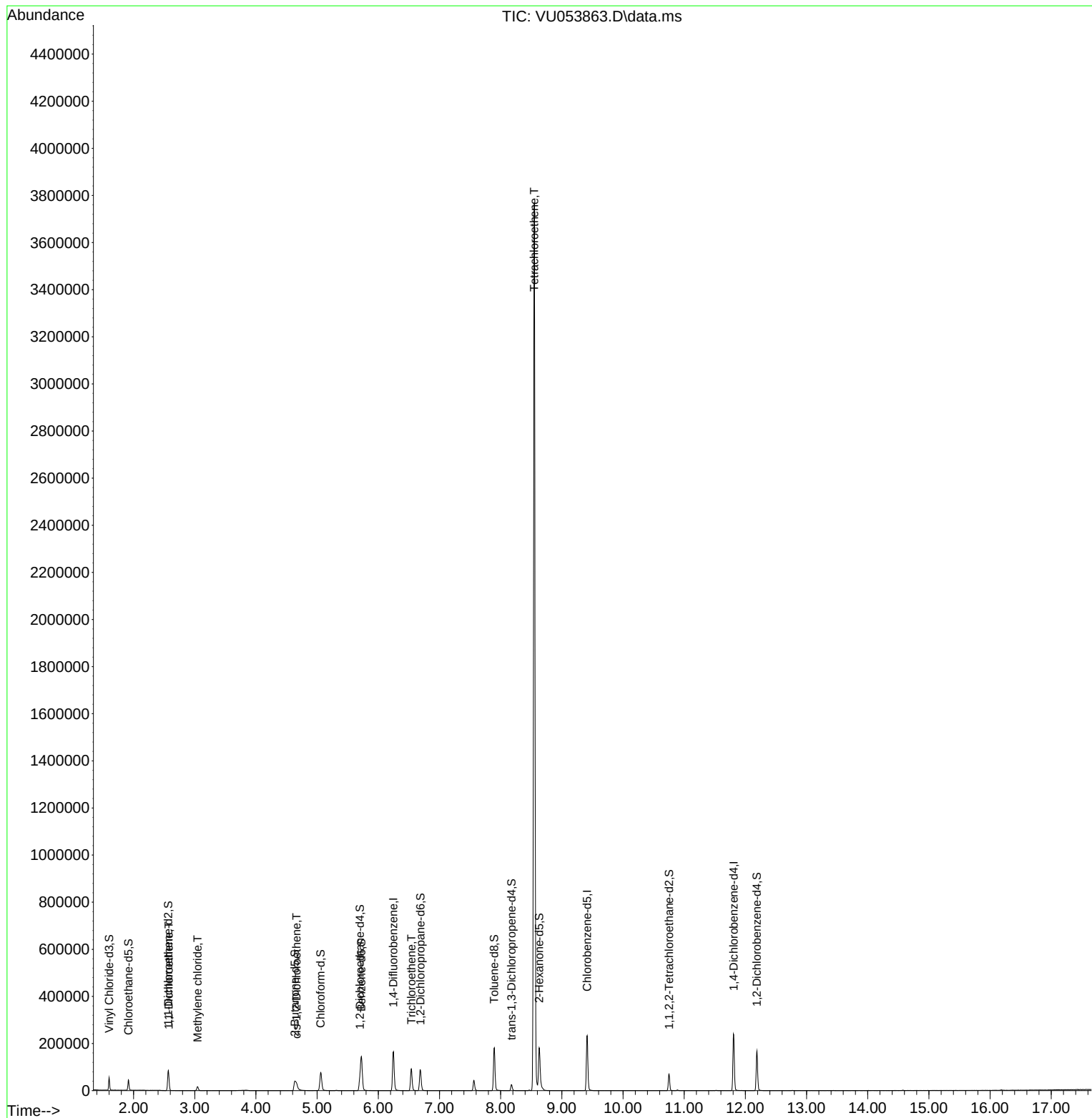
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	147586	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	141942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	67718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38536	4.287	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.916	69	32197	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.568	65	16298	4.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.636	46	77082	46.817	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.640%
24) Chloroform-d	5.057	84	72350	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.700	65	35178	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.723	84	145861	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.687	67	45523	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.893	98	131474	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.176	79	16349	4.109	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.629	63	66791	47.438	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.880%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34832	4.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	46981	4.326	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	1867	0.201	ug/L	# 1
16) Methylene chloride	3.044	84	8547	0.675	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	6978	0.659	ug/L	87
34) Trichloroethene	6.539	95	31253	2.867	ug/L	97
47) Tetrachloroethene	8.549	164	830792	96.141	ug/L	98

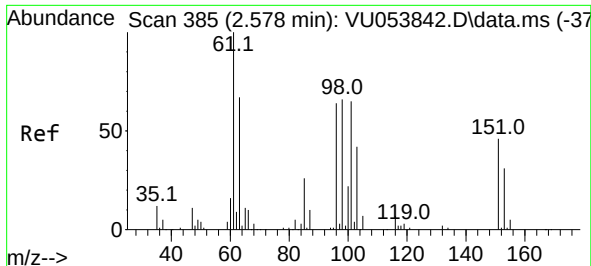
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.201 ug/L

RT: 2.575 min Scan# 31

Delta R.T. -0.003 min

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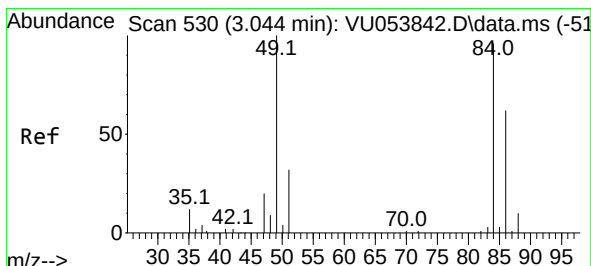
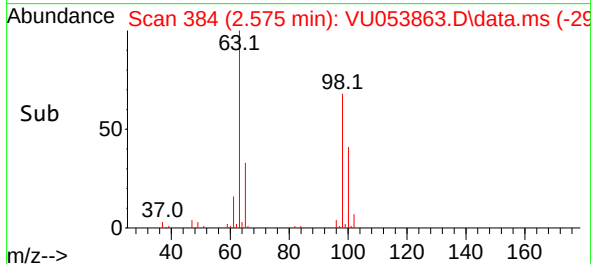
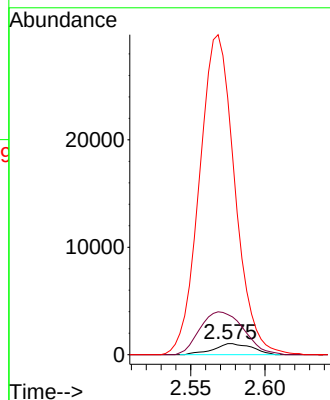
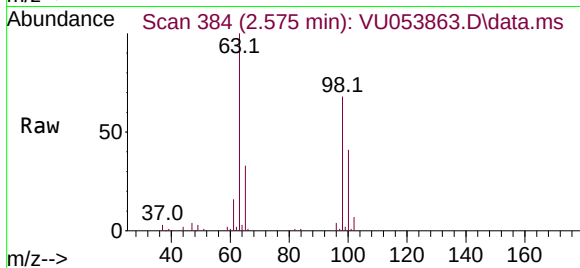
Tgt Ion: 96 Resp: 1867

Ion Ratio Lower Upper

96 100

61 362.4 111.5 207.1#

63 2314.0 68.7 127.7#



#16

Methylene chloride

Concen: 0.675 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

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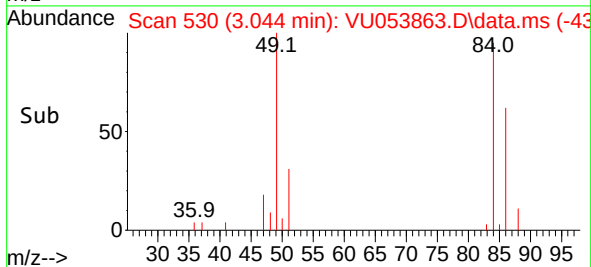
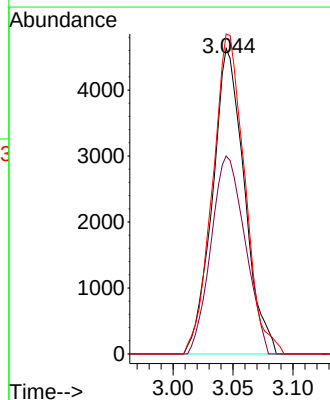
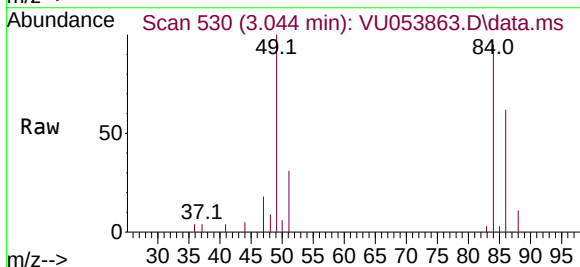
Tgt Ion: 84 Resp: 8547

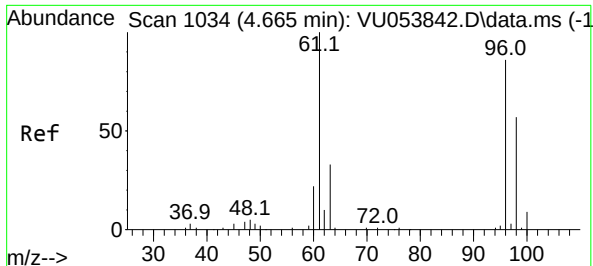
Ion Ratio Lower Upper

84 100

86 64.8 45.0 83.6

49 104.7 74.8 138.8

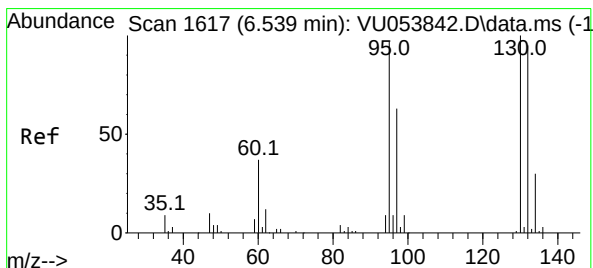
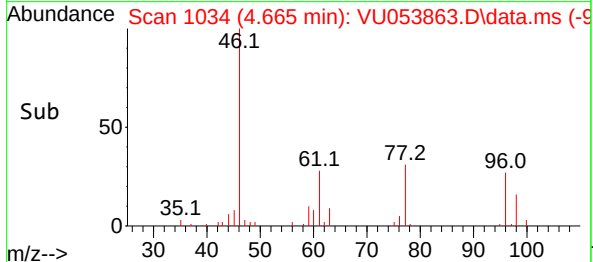
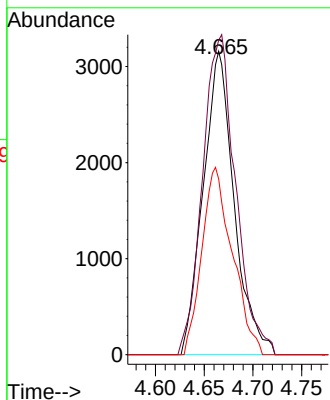
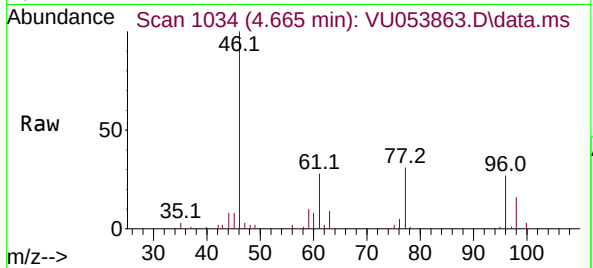




#22
cis-1,2-Dichloroethene
Concen: 0.659 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU053863.D
Acq: 24 Apr 2023 23:46

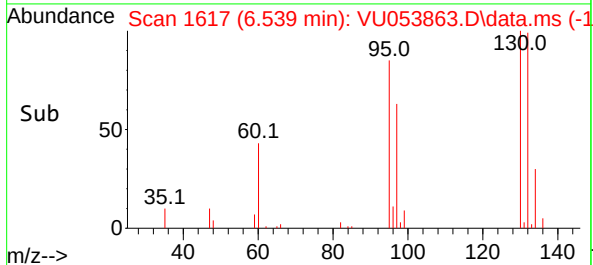
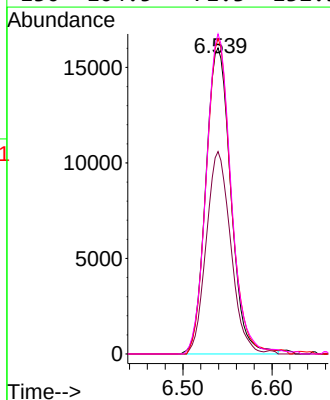
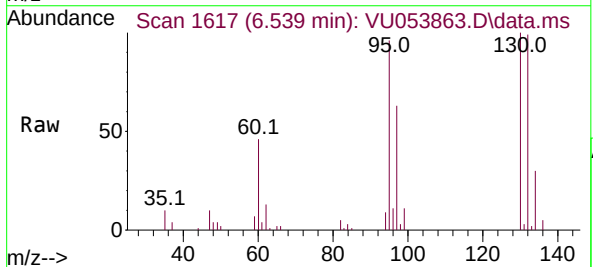
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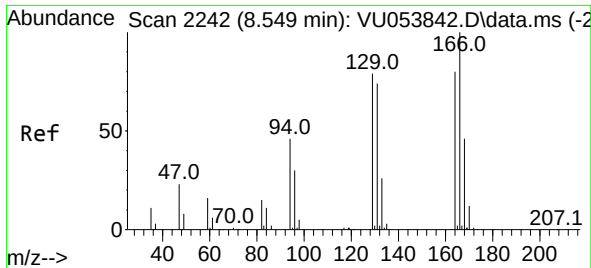
Tgt Ion: 96 Resp: 6978
Ion Ratio Lower Upper
96 100
61 103.7 84.3 156.5
98 57.9 46.4 86.2



#34
Trichloroethene
Concen: 2.867 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053863.D
Acq: 24 Apr 2023 23:46

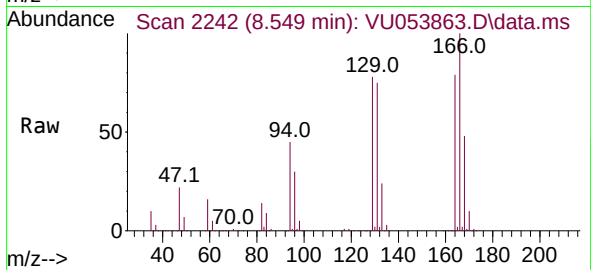
Tgt Ion: 95 Resp: 31253
Ion Ratio Lower Upper
95 100
97 66.1 45.1 83.9
132 103.0 69.9 129.9
130 104.5 71.3 132.3





#47
 Tetrachloroethene
 Concen: 96.141 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU053863.D
 Acq: 24 Apr 2023 23:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE43



Tgt Ion:	164	Resp:	830792
Ion	Ratio	Lower	Upper
164	100		
129	98.7	68.3	126.8
131	95.0	64.4	119.6
166	127.3	88.3	163.9

