

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053951.D
 Acq On : 27 Apr 2023 21:41
 Operator : JC/MD
 Sample : 02488-19 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE74

Quant Time: Apr 28 07:21:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

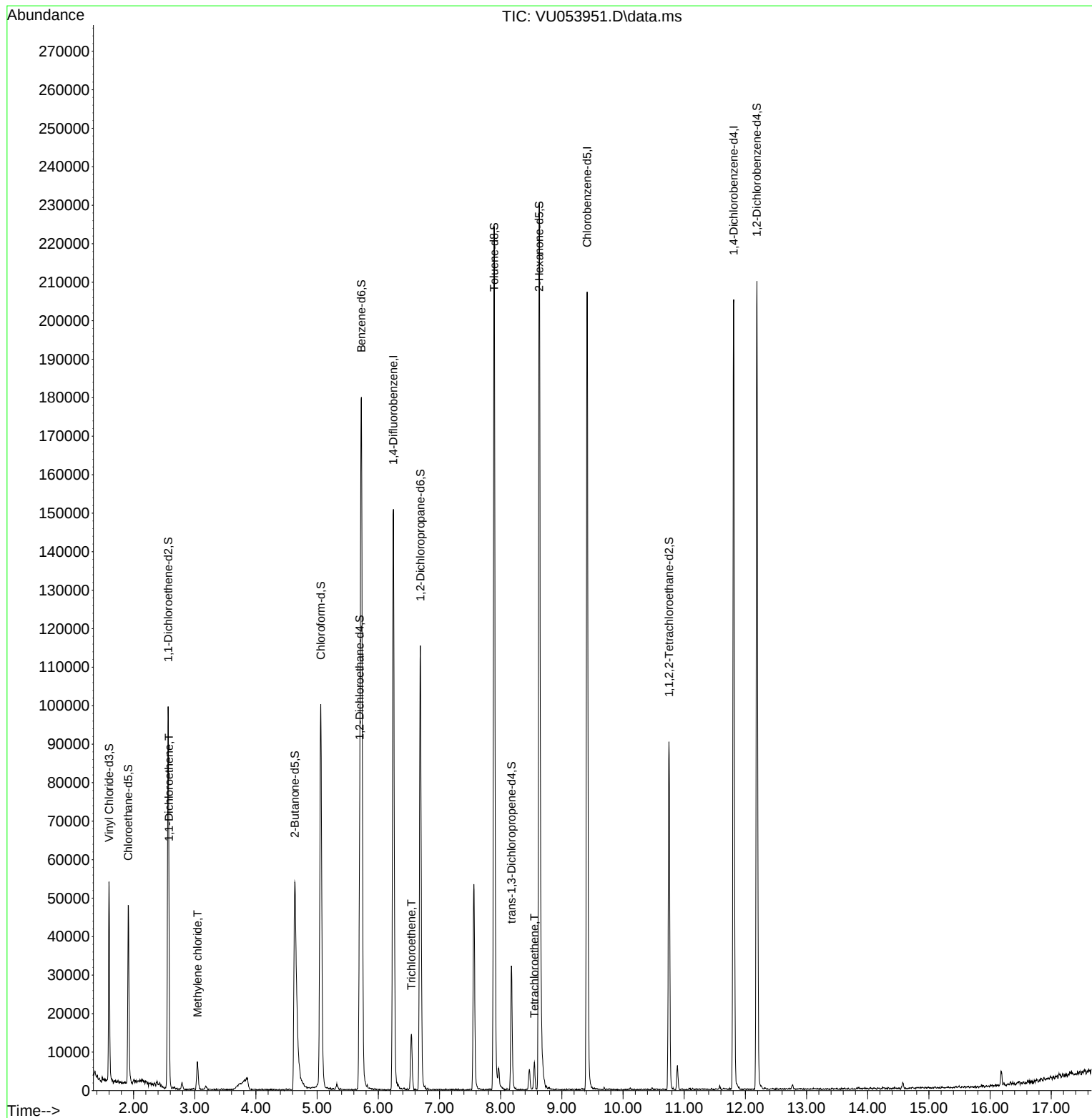
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	133125	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	122418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	59061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38843	4.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.912	69	35601	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.565	65	18176	5.447	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.000%
20) 2-Butanone-d5	4.636	46	101551	68.378	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.760%#
24) Chloroform-d	5.060	84	94508	6.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.800%
26) 1,2-Dichloroethane-d4	5.697	65	45801	6.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.800%
32) Benzene-d6	5.723	84	183034	6.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.000%#
36) 1,2-Dichloropropane-d6	6.687	67	58834	6.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	134.800%
41) Toluene-d8	7.893	98	157018	5.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.600%
43) trans-1,3-Dichloroprop...	8.179	79	19761	5.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.200%
46) 2-Hexanone-d5	8.629	63	85086	70.070	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	140.140%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	45574	6.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.200%#
66) 1,2-Dichlorobenzene-d4	12.188	152	58191	6.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.800%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	1911	0.228	ug/L #	1
16) Methylene chloride	3.044	84	4125	0.361	ug/L	96
34) Trichloroethene	6.539	95	5223	0.555	ug/L	94
47) Tetrachloroethene	8.552	164	1545	0.207	ug/L	89

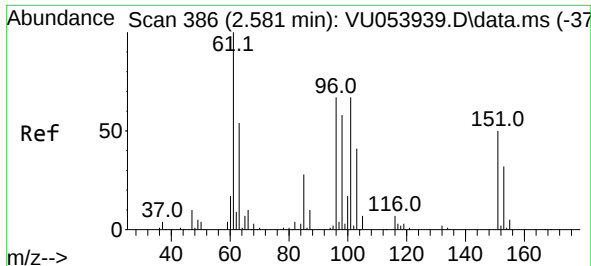
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.228 ug/L

RT: 2.578 min Scan# 386

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

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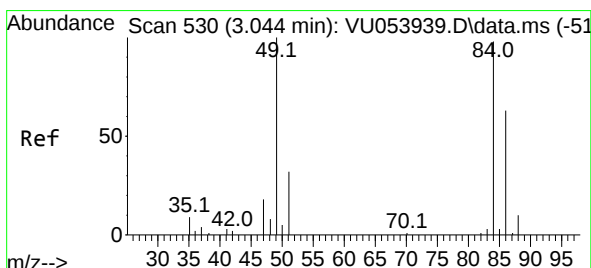
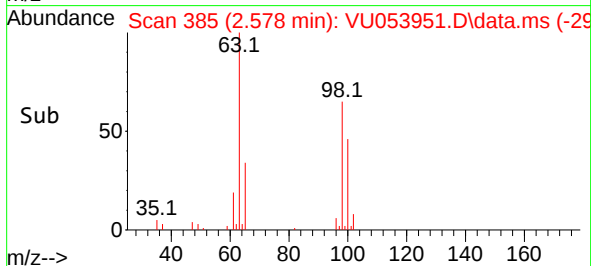
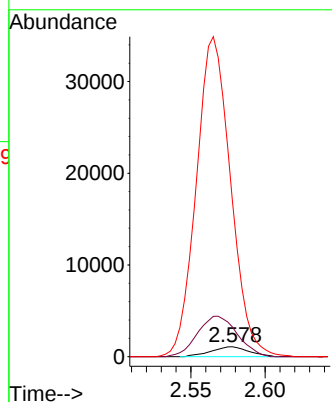
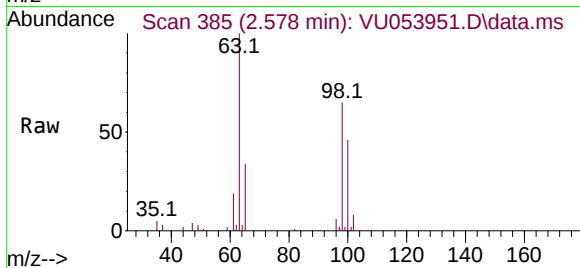
Tgt Ion: 96 Resp: 1911

Ion Ratio Lower Upper

96 100

61 300.8 111.5 207.1#

63 1584.4 68.7 127.7#



#16

Methylene chloride

Concen: 0.361 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

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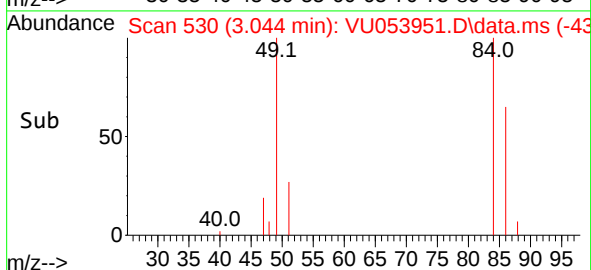
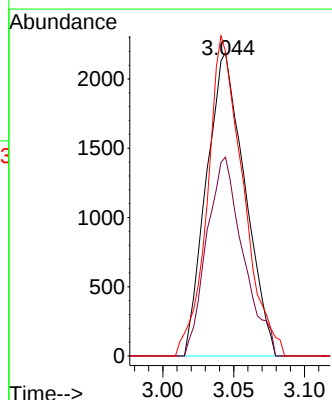
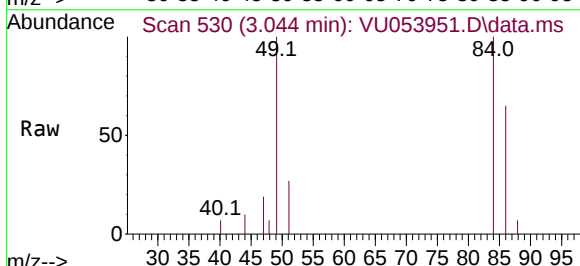
Tgt Ion: 84 Resp: 4125

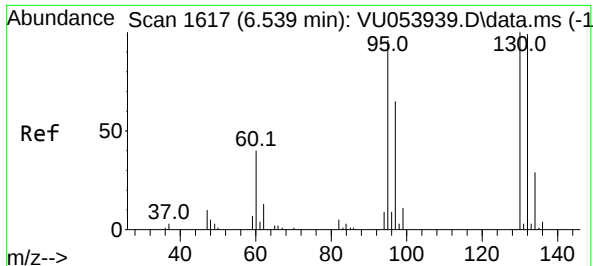
Ion Ratio Lower Upper

84 100

86 65.5 45.0 83.6

49 100.4 74.8 138.8



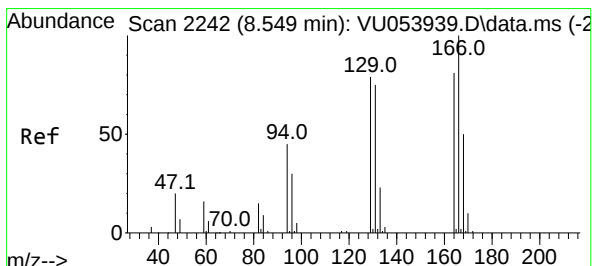
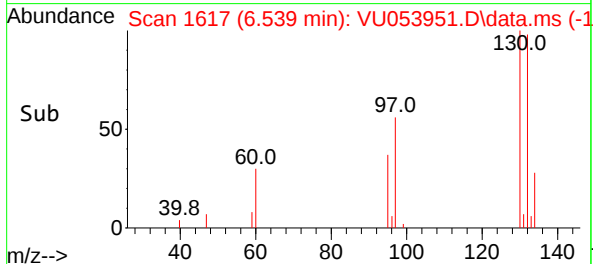
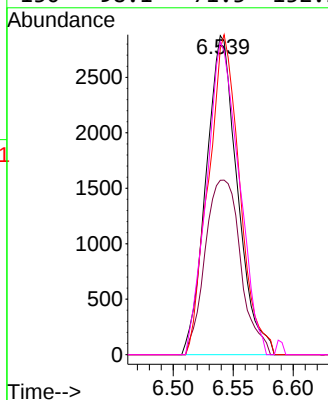
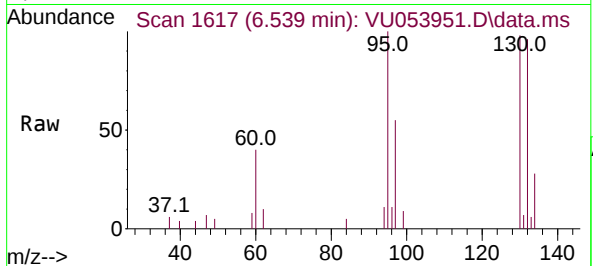


#34
Trichloroethene
Concen: 0.555 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
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Tgt Ion: 95 Resp: 5223

Ion	Ratio	Lower	Upper
95	100		
97	54.6	45.1	83.9
132	95.8	69.9	129.9
130	98.1	71.3	132.3



#47
Tetrachloroethene
Concen: 0.207 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU053951.D
Acq: 27 Apr 2023 21:41

Tgt Ion: 164 Resp: 1545

Ion	Ratio	Lower	Upper
164	100		
129	80.0	68.3	126.8
131	100.2	64.4	119.6
166	118.0	88.3	163.9

