

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052051.D
 Acq On : 22 Nov 2022 19:45
 Operator : JC/MD
 Sample : N5684-09DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H9DL

Quant Time: Nov 23 00:50:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

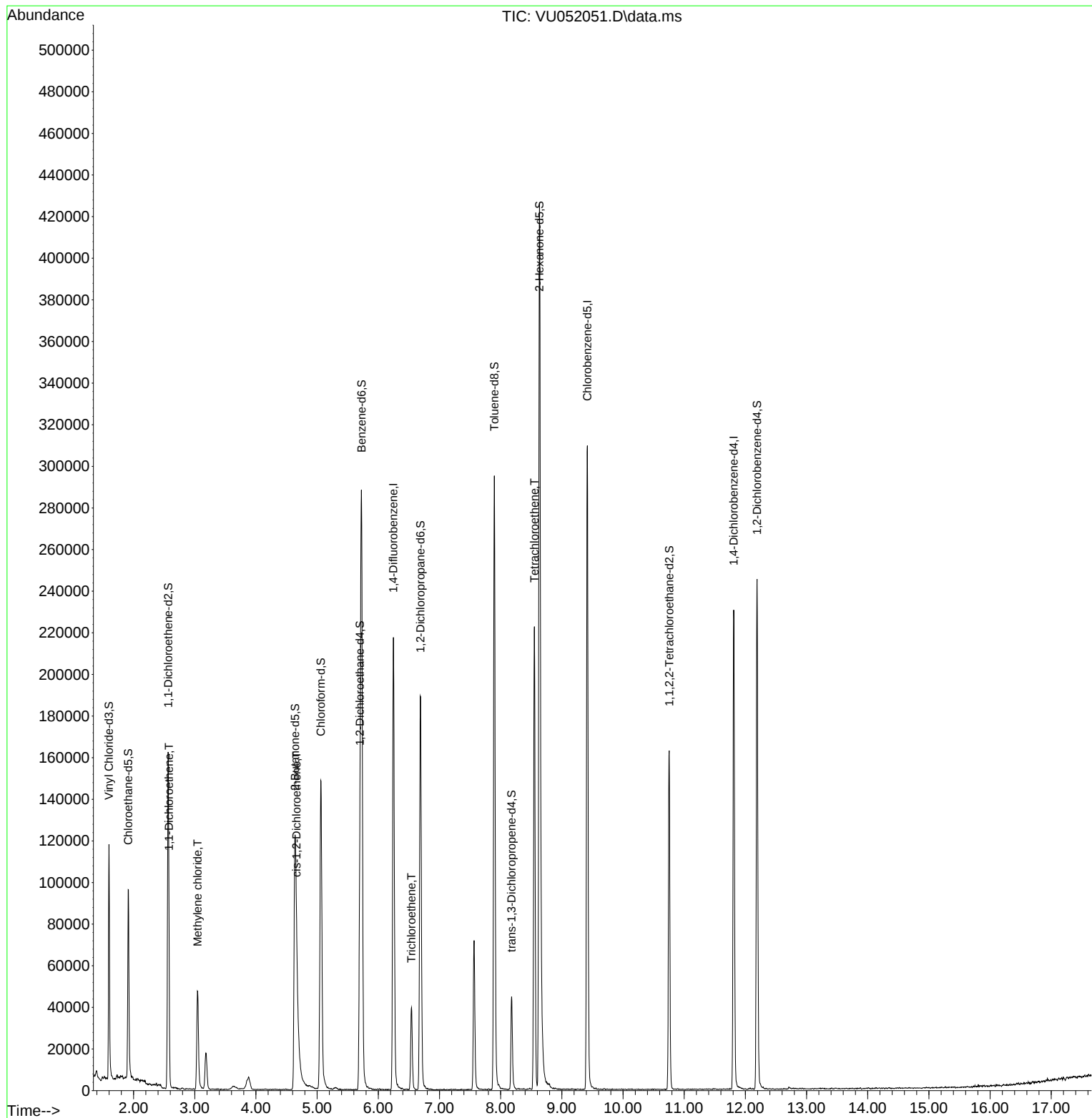
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	180694	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	182698	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85752	4.879	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.600%	
7) Chloroethane-d5	1.913	69	72886	5.339	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.800%	
11) 1,1-Dichloroethene-d2	2.565	65	30332	4.814	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	4.639	46	215144	67.530	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	135.060%#	
24) Chloroform-d	5.060	84	144981	5.614	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.200%	
26) 1,2-Dichloroethane-d4	5.700	65	78417	6.012	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	120.200%	
32) Benzene-d6	5.726	84	283248	5.222	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.690	67	99886	5.951	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	119.000%	
41) Toluene-d8	7.896	98	208705	4.253	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.000%	
43) trans-1,3-Dichloroprop...	8.179	79	27730	4.533	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.633	63	154875	59.745	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	119.480%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	84569	5.811	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	69833	5.459	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.200%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	2729	0.208	ug/L #	1
16) Methylene chloride	3.044	84	26016	1.467	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	863	0.059	ug/L #	25
34) Trichloroethene	6.543	95	14297	0.964	ug/L	99
47) Tetrachloroethene	8.552	164	52120	4.586	ug/L	97

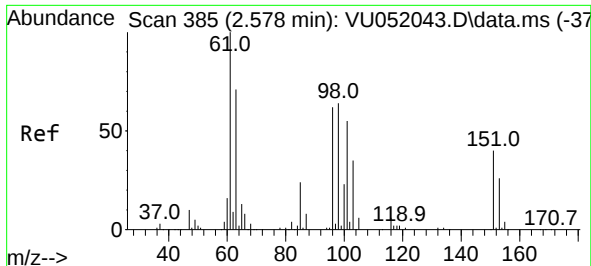
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.208 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

BH1H9DL

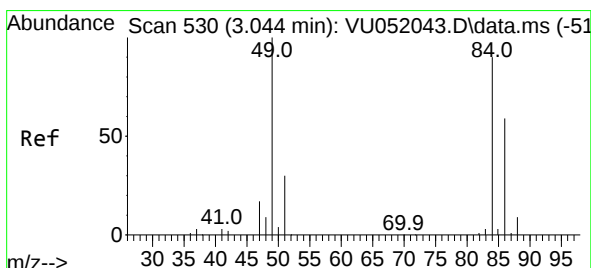
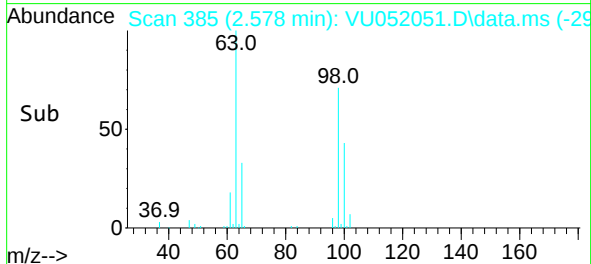
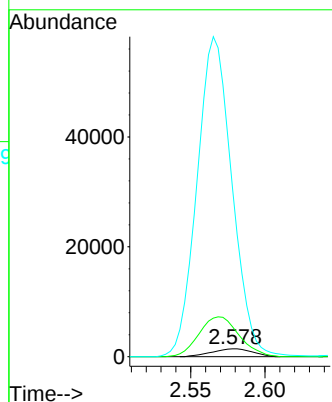
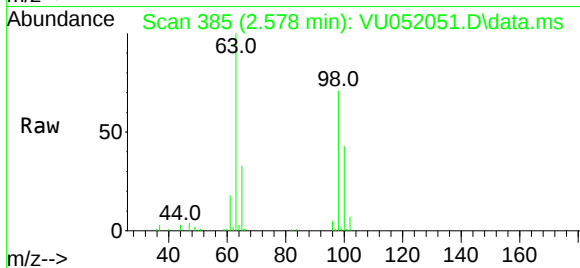
Tgt Ion: 96 Resp: 2729

Ion Ratio Lower Upper

96 100

61 380.8 114.8 213.2#

63 2144.9 93.7 174.1#



#16

Methylene chloride

Concen: 1.467 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

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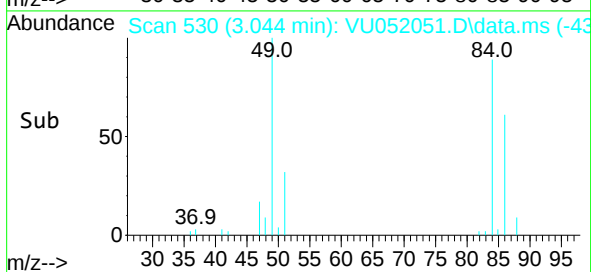
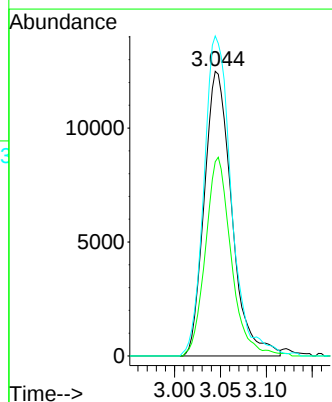
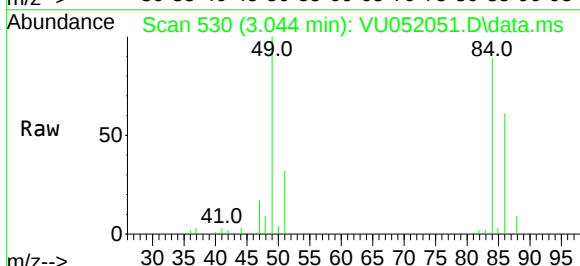
Tgt Ion: 84 Resp: 26016

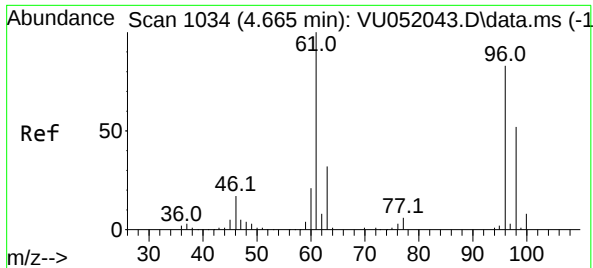
Ion Ratio Lower Upper

84 100

86 68.2 43.8 81.4

49 112.4 75.9 141.1

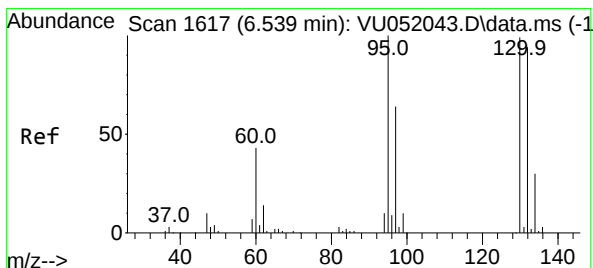
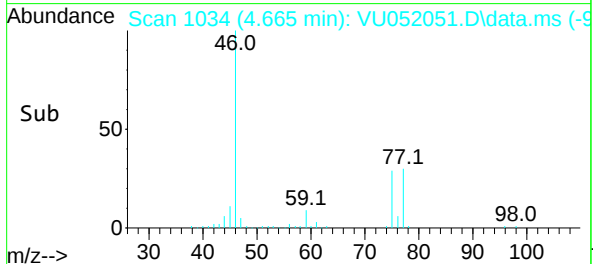
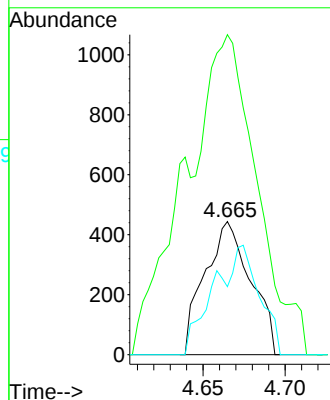
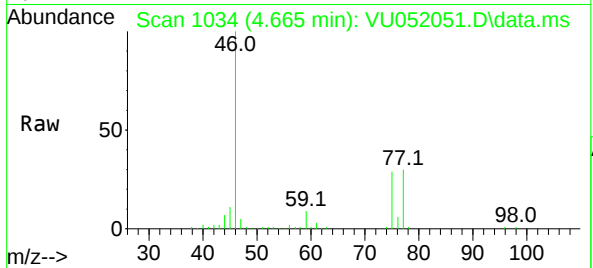




#22
cis-1,2-Dichloroethene
Concen: 0.059 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052051.D
Acq: 22 Nov 2022 19:45

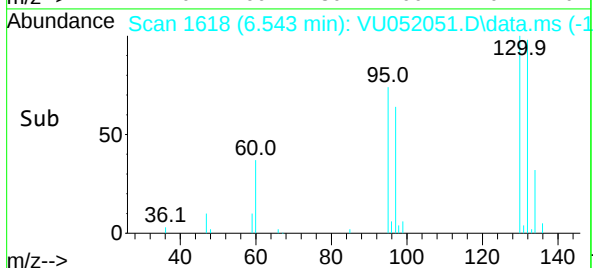
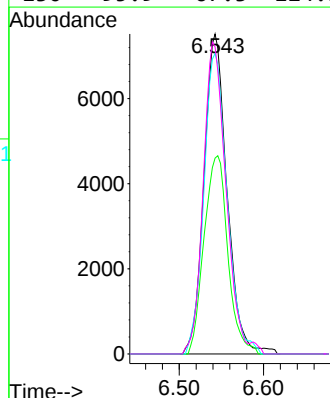
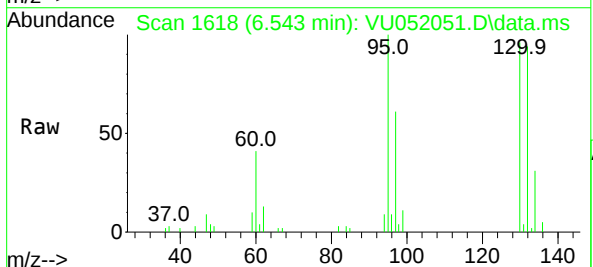
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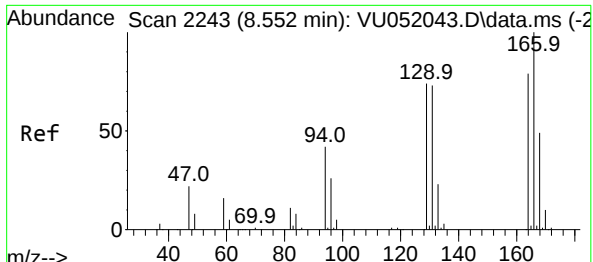
Tgt Ion: 96 Resp: 863
Ion Ratio Lower Upper
96 100
61 240.3 85.1 158.1#
98 51.1 42.8 79.6



#34
Trichloroethene
Concen: 0.964 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU052051.D
Acq: 22 Nov 2022 19:45

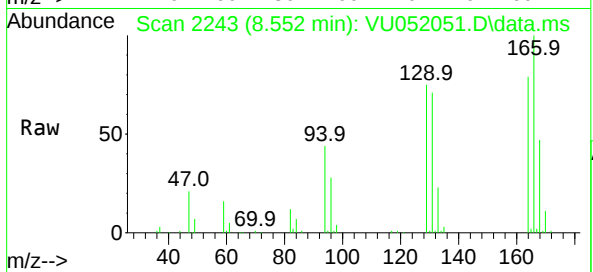
Tgt Ion: 95 Resp: 14297
Ion Ratio Lower Upper
95 100
97 61.2 43.7 81.1
132 93.9 64.3 119.3
130 95.9 67.3 124.9





#47
 Tetrachloroethene
 Concen: 4.586 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU052051.D
 Acq: 22 Nov 2022 19:45

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H9DL



Tgt Ion:	164	Resp:	52120
Ion	Ratio	Lower	Upper
164	100		
129	95.1	67.4	125.2
131	89.3	67.1	124.7
166	125.9	89.7	166.5

