

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052990.D
 Acq On : 06 Feb 2023 19:31
 Operator : JC/MD
 Sample : 01444-12 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM16

Quant Time: Feb 07 01:10:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

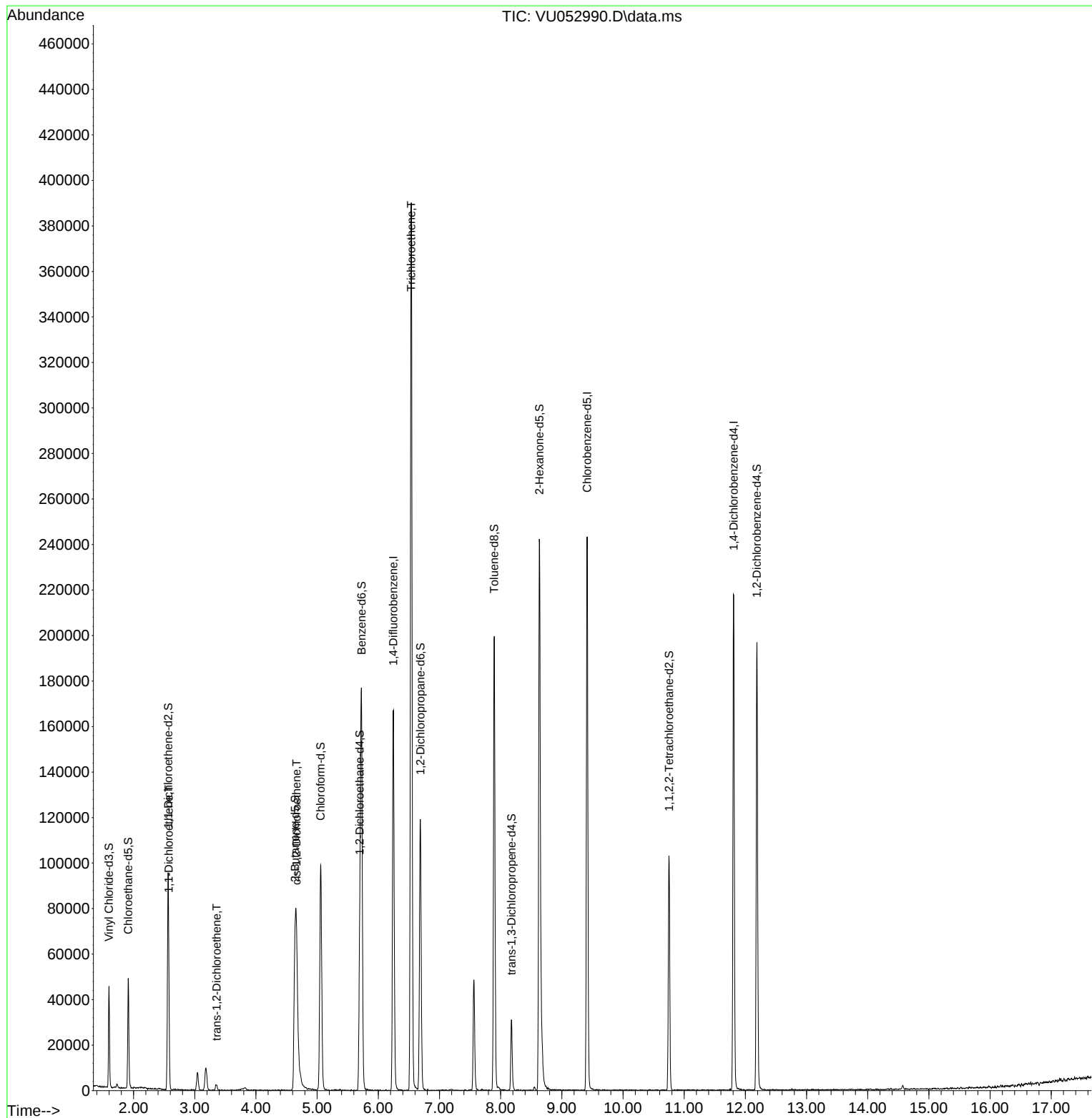
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	139636	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	142497	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32319	2.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.600%
7) Chloroethane-d5	1.912	69	35621	3.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.565	65	17005	3.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	4.639	46	120854	36.845	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.680%
24) Chloroform-d	5.057	84	97916	4.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.697	65	48005	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.726	84	176960	3.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.687	67	59015	3.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.600%
41) Toluene-d8	7.893	98	138553	3.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.176	79	18641	3.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.632	63	81354	34.217	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.440%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	51213	4.346	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	54605	4.794	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	2385	0.197	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	1402	0.114	ug/L #	55
22) cis-1,2-Dichloroethene	4.665	96	15458	1.166	ug/L	91
34) Trichloroethene	6.536	95	135116	10.127	ug/L	95

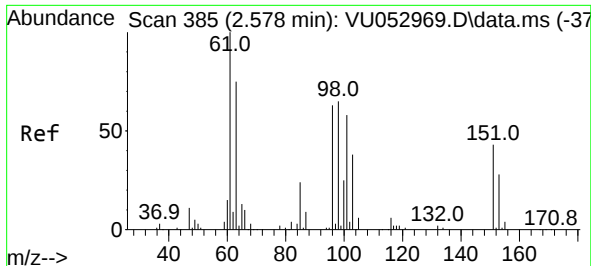
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.197 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU052990.D

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Instrument :

MSVOA_U

ClientSampleId :

COM16

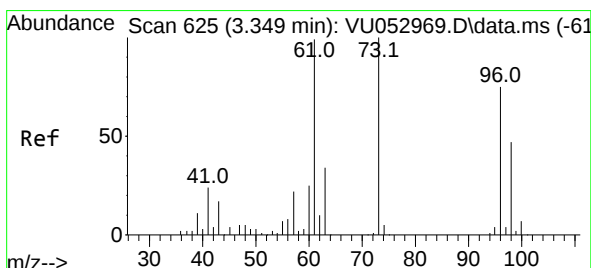
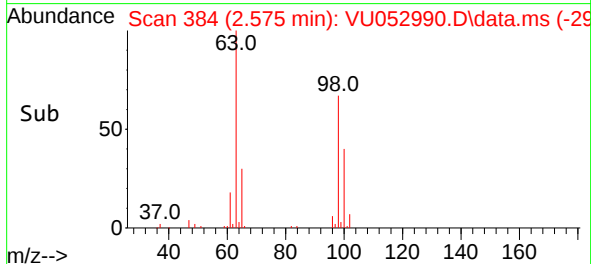
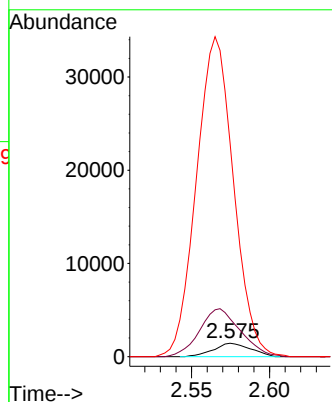
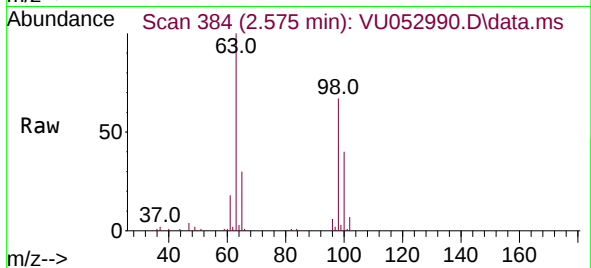
Tgt Ion: 96 Resp: 2385

Ion Ratio Lower Upper

96 100

61 278.8 129.6 240.8#

63 1576.8 83.7 155.5#



#18

trans-1,2-Dichloroethene

Concen: 0.114 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.010 min

Lab File: VU052990.D

Acq: 06 Feb 2023 19:31

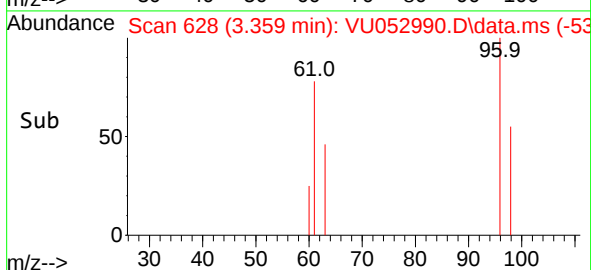
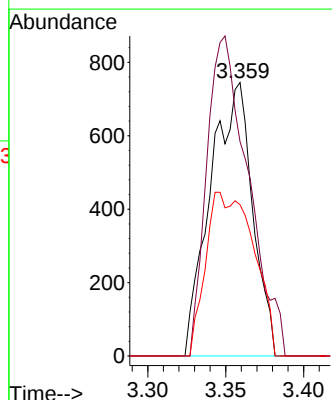
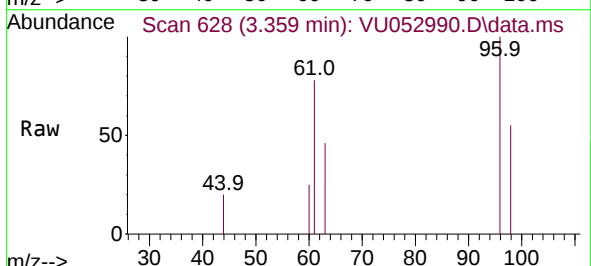
Tgt Ion: 96 Resp: 1402

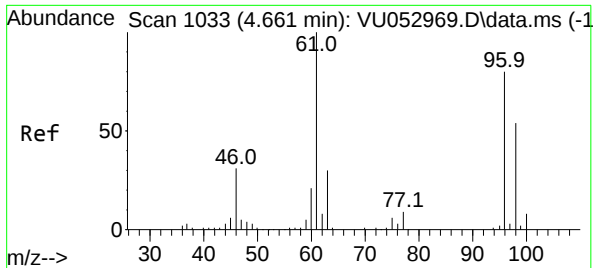
Ion Ratio Lower Upper

96 100

61 78.4 108.4 201.4#

98 55.3 43.8 81.4

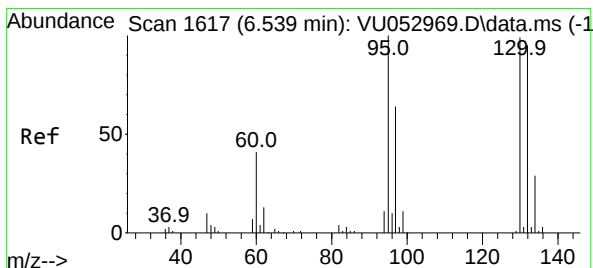
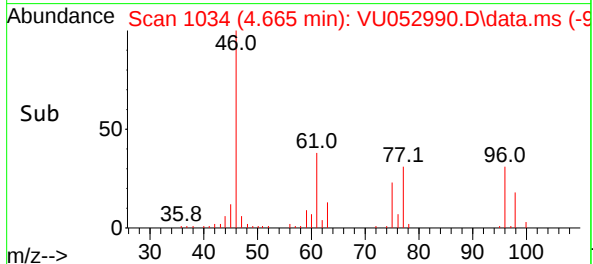
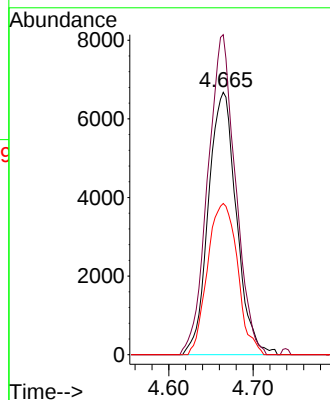
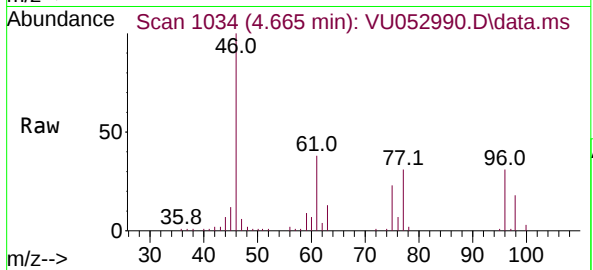




#22
cis-1,2-Dichloroethene
Concen: 1.166 ug/L
RT: 4.665 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU052990.D
Acq: 06 Feb 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
COM16

Tgt Ion: 96 Resp: 15458
Ion Ratio Lower Upper
96 100
61 121.9 94.6 175.8
98 57.6 43.3 80.3



#34
Trichloroethene
Concen: 10.127 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU052990.D
Acq: 06 Feb 2023 19:31

Tgt Ion: 95 Resp: 135116
Ion Ratio Lower Upper
95 100
97 63.5 46.0 85.4
132 97.7 64.0 118.8
130 101.0 66.6 123.8

