

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051331.D
 Acq On : 10 Oct 2022 16:52
 Operator : JC/MD
 Sample : N5041-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS21

Quant Time: Oct 11 01:02:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 00:58:34 2022
 Response via : Initial Calibration

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

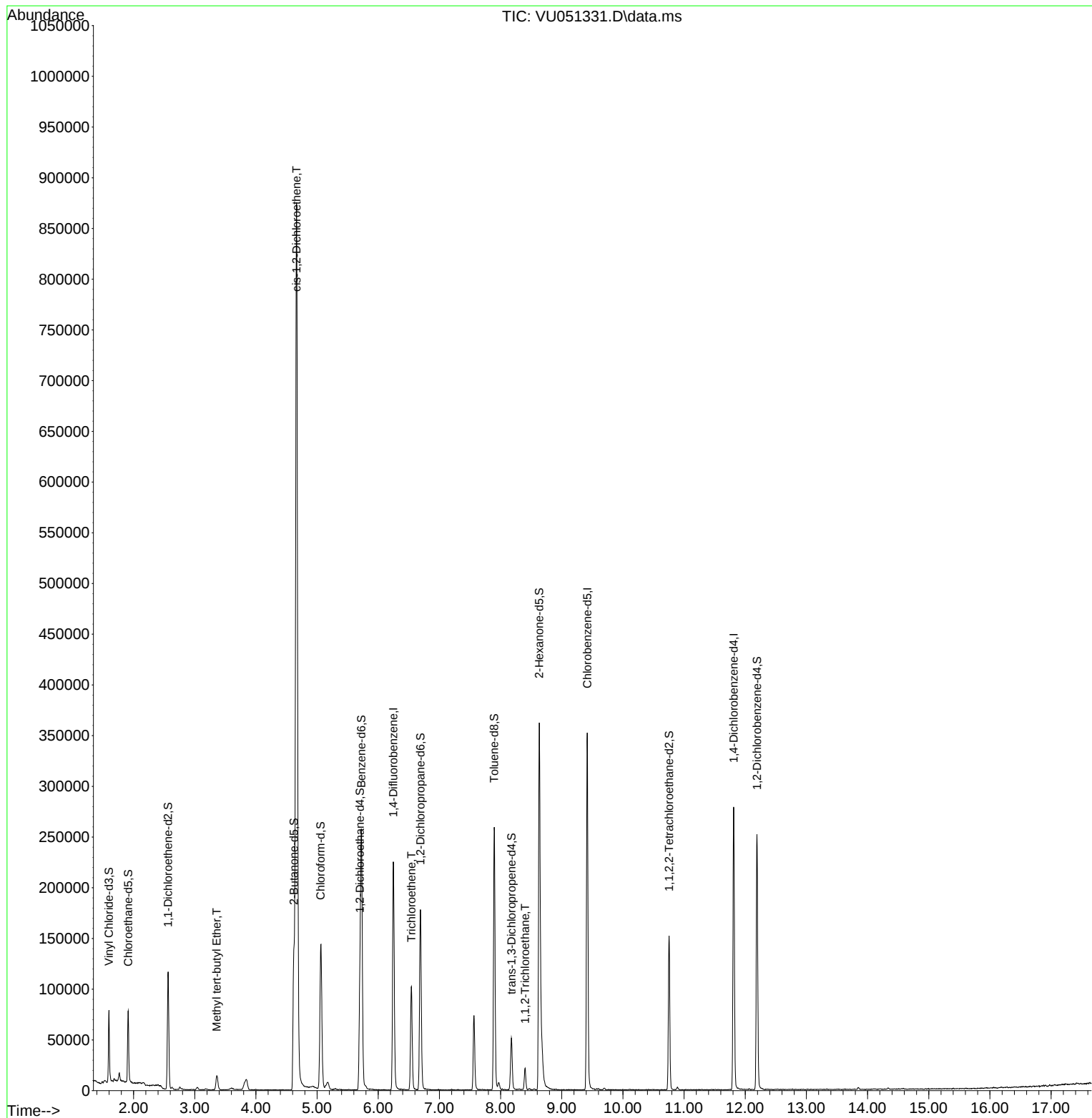
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	195960	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52636	3.660	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.912	69	52754	4.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.565	65	22046	3.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.620	46	188819	59.626	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.260%
24) Chloroform-d	5.060	84	134717	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.700	65	73752	5.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.726	84	237038	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.690	67	88501	4.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.896	98	177098	3.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.179	79	27470	4.567	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.632	63	105201	51.894	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.780%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	77459	5.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	65733	4.959	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.359	73	12893	0.433	ug/L	# 93
22) cis-1,2-Dichloroethene	4.665	96	450385	29.722	ug/L	98
34) Trichloroethene	6.542	95	35780	2.192	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	6328	0.503	ug/L	90

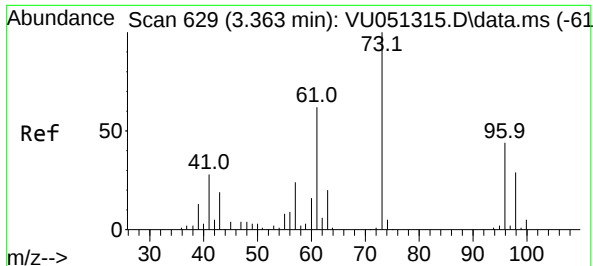
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
Data File : VU051331.D
Acq On : 10 Oct 2022 16:52
Operator : JC/MD
Sample : N5041-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGS21

Quant Time: Oct 11 01:02:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 11 00:58:34 2022
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.433 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051331.D

Acq: 10 Oct 2022 16:52

Instrument :

MSVOA_U

ClientSampleId :

BGS21

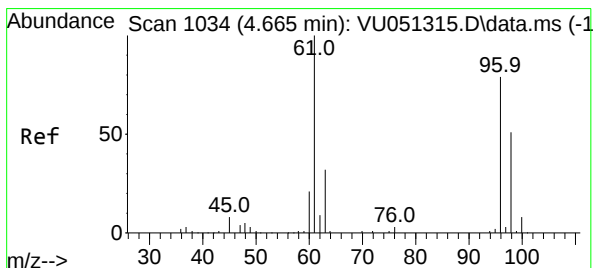
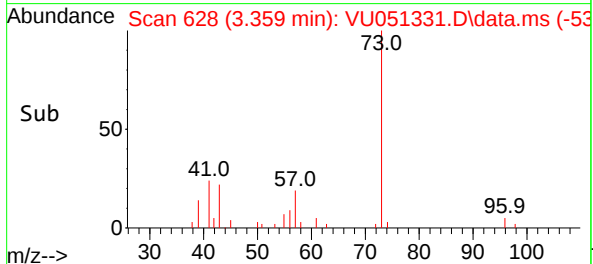
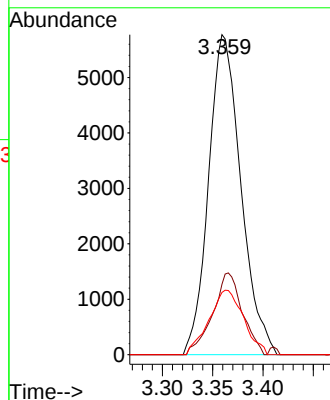
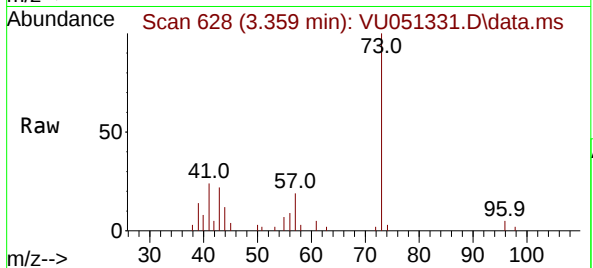
Tgt Ion: 73 Resp: 12893

Ion Ratio Lower Upper

73 100

43 23.5 15.4 23.0#

57 21.6 18.9 28.3



#22

cis-1,2-Dichloroethene

Concen: 29.722 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051331.D

Acq: 10 Oct 2022 16:52

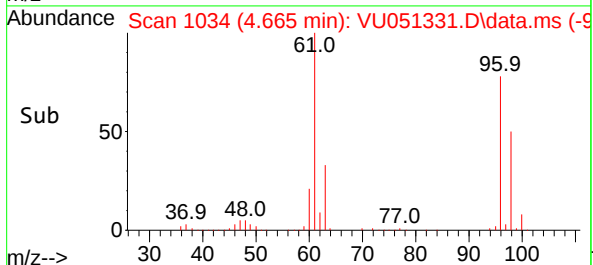
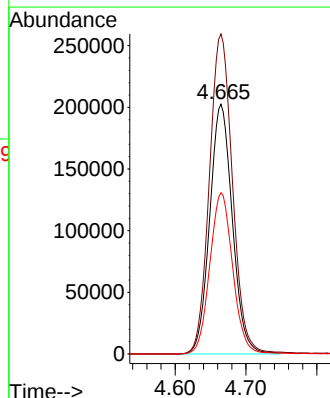
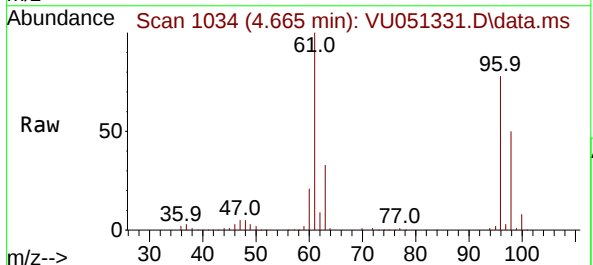
Tgt Ion: 96 Resp: 450385

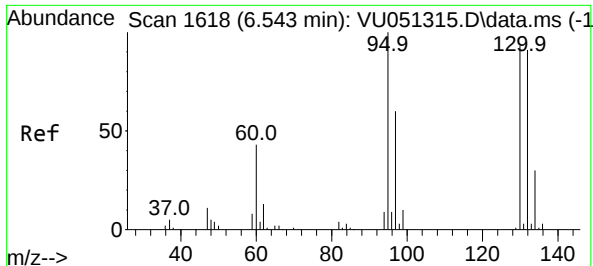
Ion Ratio Lower Upper

96 100

61 128.1 90.6 168.2

98 64.6 47.5 88.3

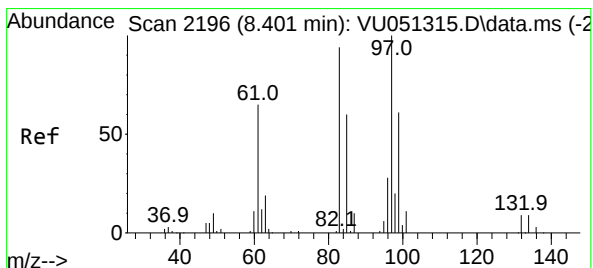
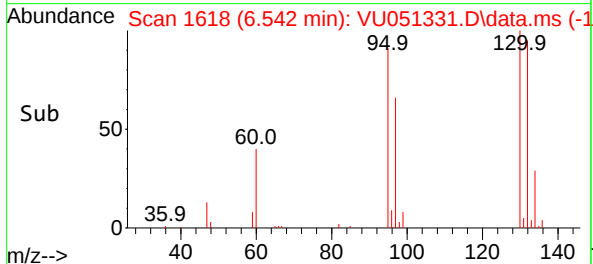
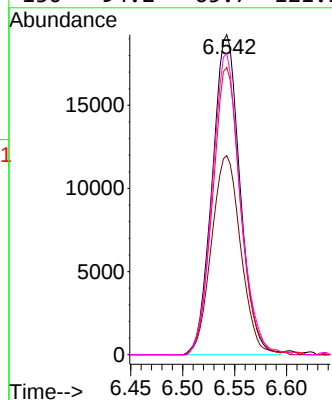
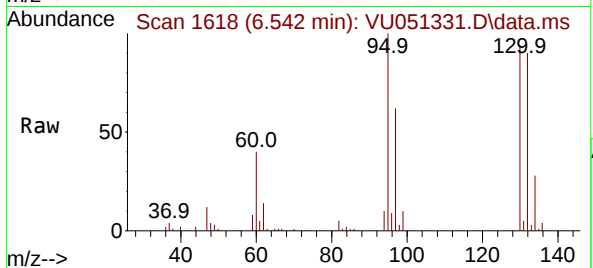




#34
Trichloroethene
Concen: 2.192 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU051331.D
Acq: 10 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :
BGS21

Tgt Ion: 95 Resp: 35780
Ion Ratio Lower Upper
95 100
97 62.2 45.4 84.2
132 89.8 63.1 117.3
130 94.2 65.7 121.9



#45
1,1,2-Trichloroethane
Concen: 0.503 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU051331.D
Acq: 10 Oct 2022 16:52

Tgt Ion: 97 Resp: 6328
Ion Ratio Lower Upper
97 100
99 73.8 45.3 84.1
83 97.2 63.1 117.1
85 68.3 41.8 77.6

