

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
 Data File : VU051390.D
 Acq On : 12 Oct 2022 14:25
 Operator : JC/MD
 Sample : N4993-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS13

Quant Time: Oct 13 01:39:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 13 01:37:29 2022
 Response via : Initial Calibration

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

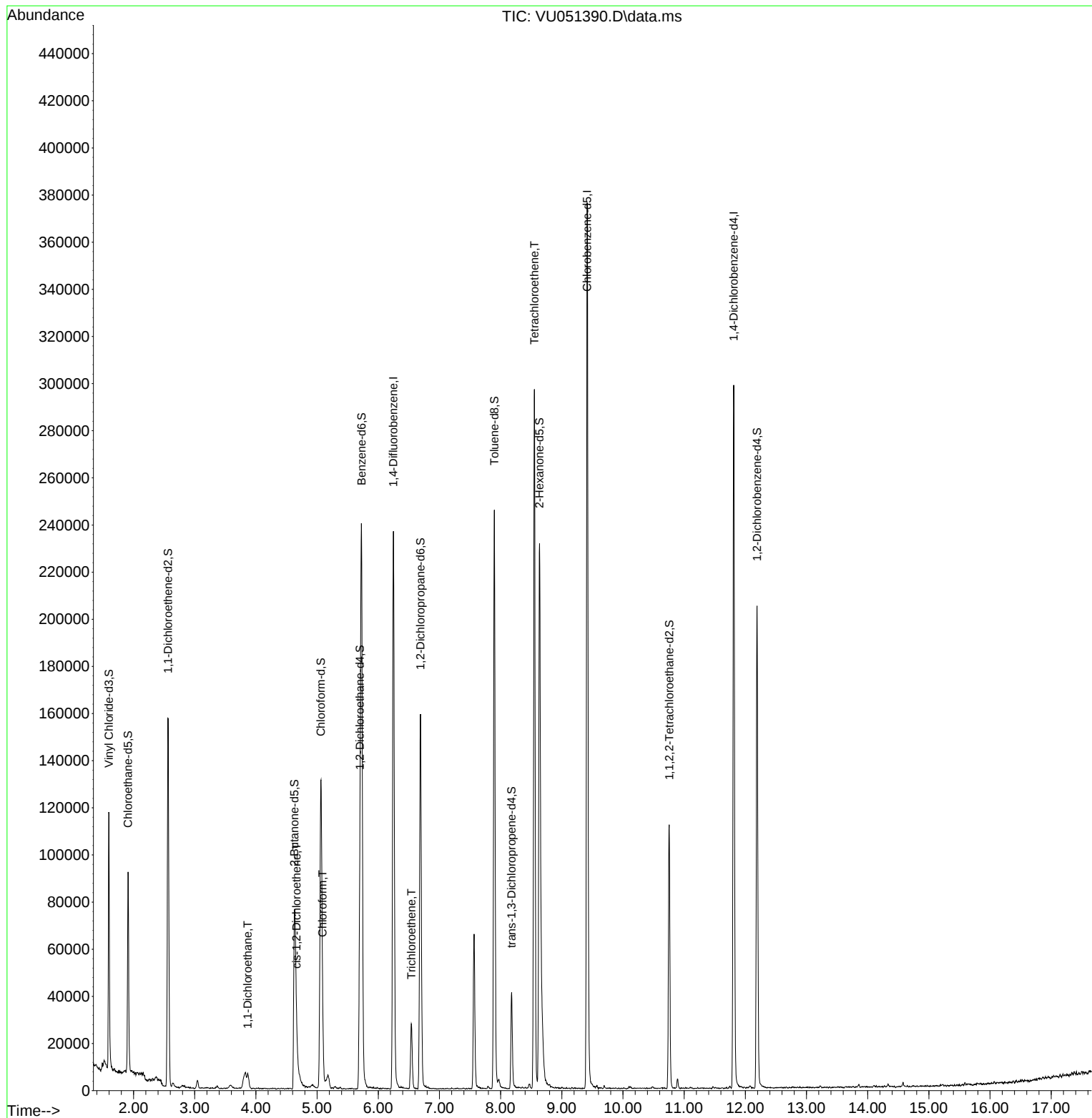
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	188845	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	211509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	80683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	84219	5.529	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.600%
7) Chloroethane-d5	1.909	69	62838	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.562	65	29749	4.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.630	46	126081	37.593	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.180%
24) Chloroform-d	5.060	84	120175	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.700	65	64594	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.726	84	222989	3.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.691	67	78275	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.896	98	165217	3.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.400%#
43) trans-1,3-Dichloroprop...	8.179	79	23829	3.670	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.633	63	68516	31.313	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.620%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	59060	3.741	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	55519	3.959	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.864	63	7568	0.253	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	2478	0.154	ug/L	88
25) Chloroform	5.089	83	20663	0.662	ug/L	97
34) Trichloroethene	6.539	95	9656	0.548	ug/L	96
47) Tetrachloroethene	8.552	164	65224	5.036	ug/L	97

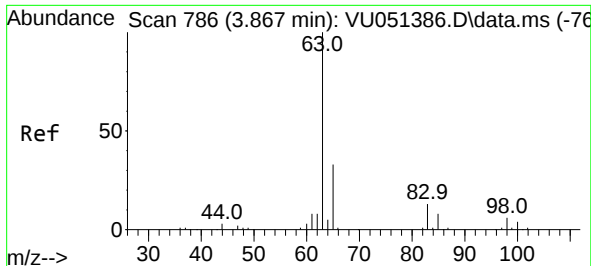
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
Data File : VU051390.D
Acq On : 12 Oct 2022 14:25
Operator : JC/MD
Sample : N4993-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGS13

Quant Time: Oct 13 01:39:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 13 01:37:29 2022
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 0.253 ug/L

RT: 3.864 min Scan# 7

Delta R.T. -0.003 min

Lab File: VU051390.D

Acq: 12 Oct 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

BGS13

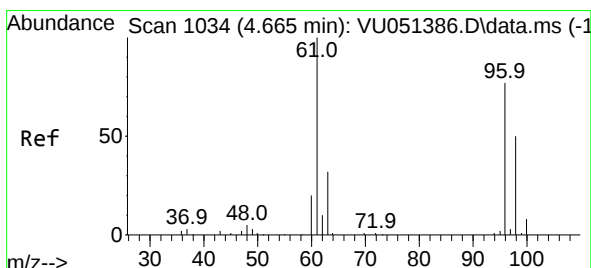
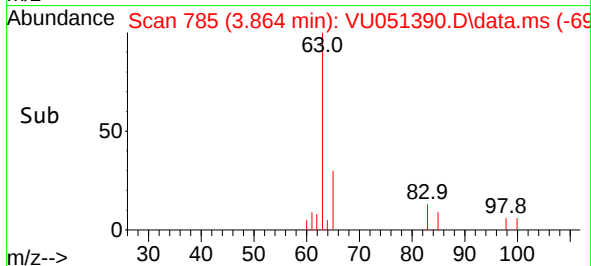
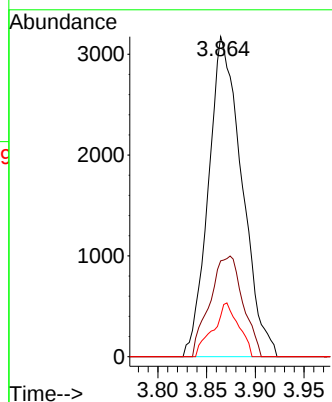
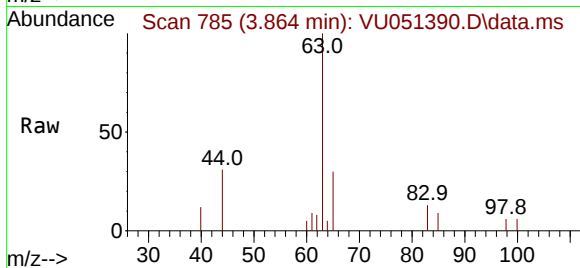
Tgt Ion: 63 Resp: 7568

Ion Ratio Lower Upper

63 100

65 30.0 22.0 41.0

83 12.7 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 0.154 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051390.D

Acq: 12 Oct 2022 14:25

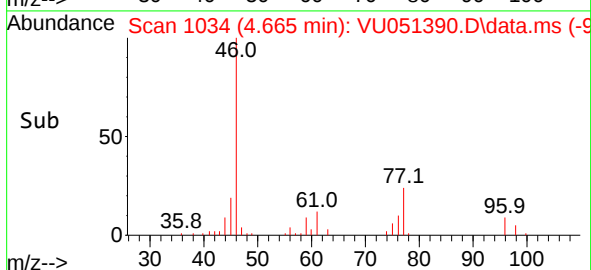
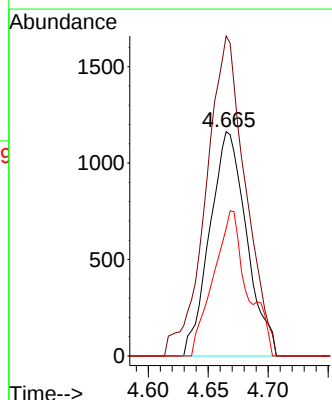
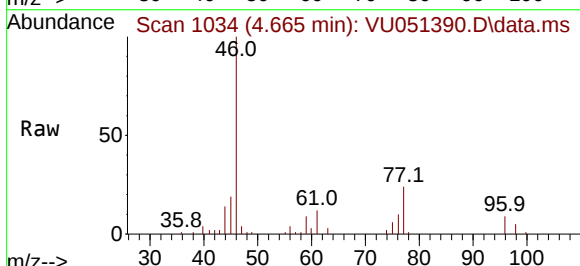
Tgt Ion: 96 Resp: 2478

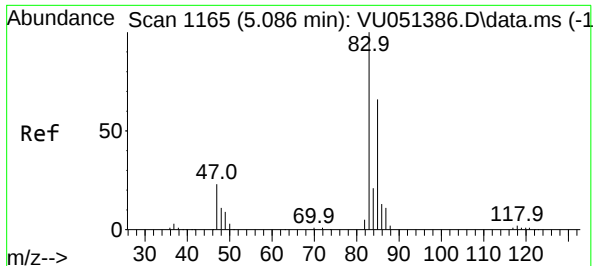
Ion Ratio Lower Upper

96 100

61 142.6 90.6 168.2

98 56.7 47.5 88.3





#25

Chloroform

Concen: 0.662 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.004 min

Lab File: VU051390.D

Acq: 12 Oct 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

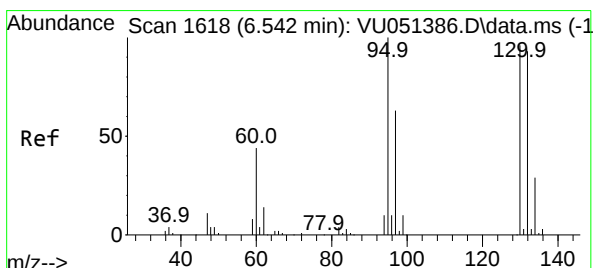
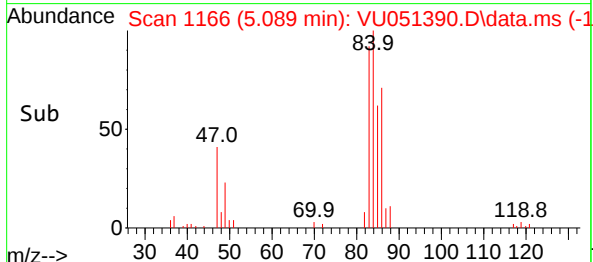
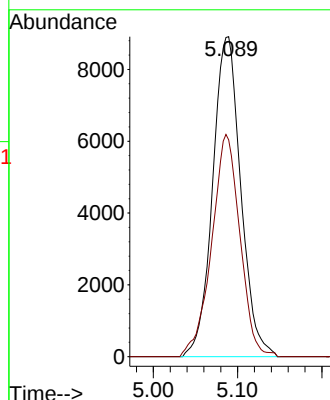
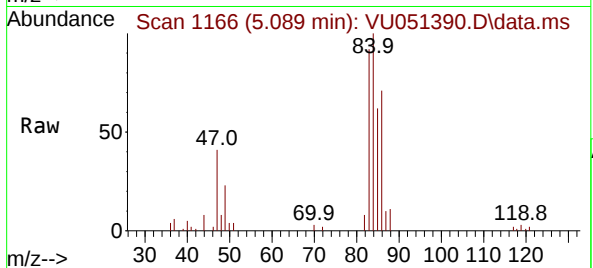
BGS13

Tgt Ion: 83 Resp: 20663

Ion Ratio Lower Upper

83 100

85 67.8 45.6 84.6



#34

Trichloroethene

Concen: 0.548 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051390.D

Acq: 12 Oct 2022 14:25

Tgt Ion: 95 Resp: 9656

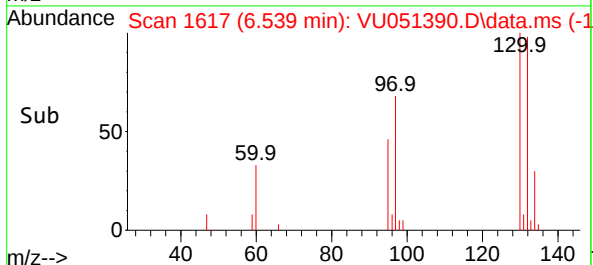
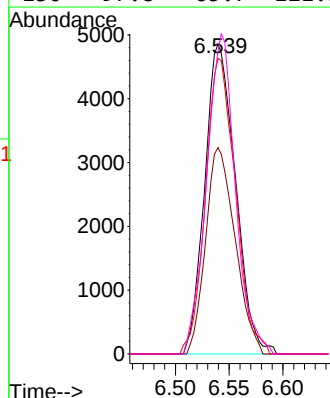
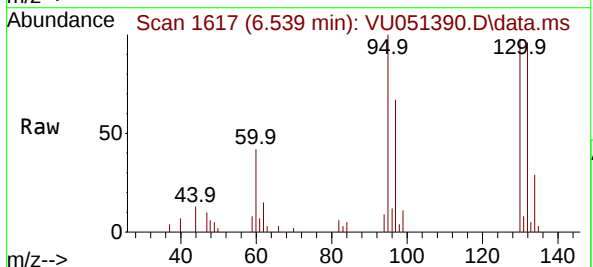
Ion Ratio Lower Upper

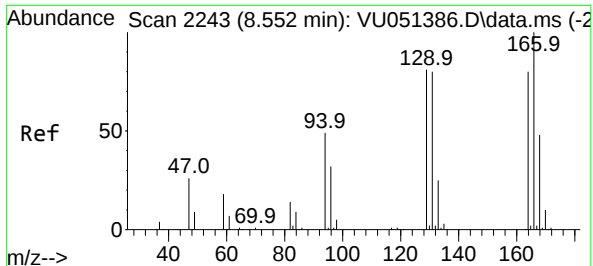
95 100

97 66.7 45.4 84.2

132 95.5 63.1 117.3

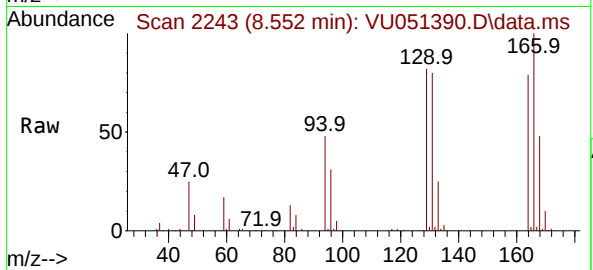
130 97.8 65.7 121.9





#47
 Tetrachloroethene
 Concen: 5.036 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU051390.D
 Acq: 12 Oct 2022 14:25

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS13



Tgt Ion:	164	Resp:	65224
Ion	Ratio	Lower	Upper
164	100		
129	103.4	71.3	132.3
131	101.2	66.9	124.3
166	126.0	90.9	168.7

