

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
 Data File : VU051389.D
 Acq On : 12 Oct 2022 14:03
 Operator : JC/MD
 Sample : N4993-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS12

Quant Time: Oct 13 01:39:42 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)

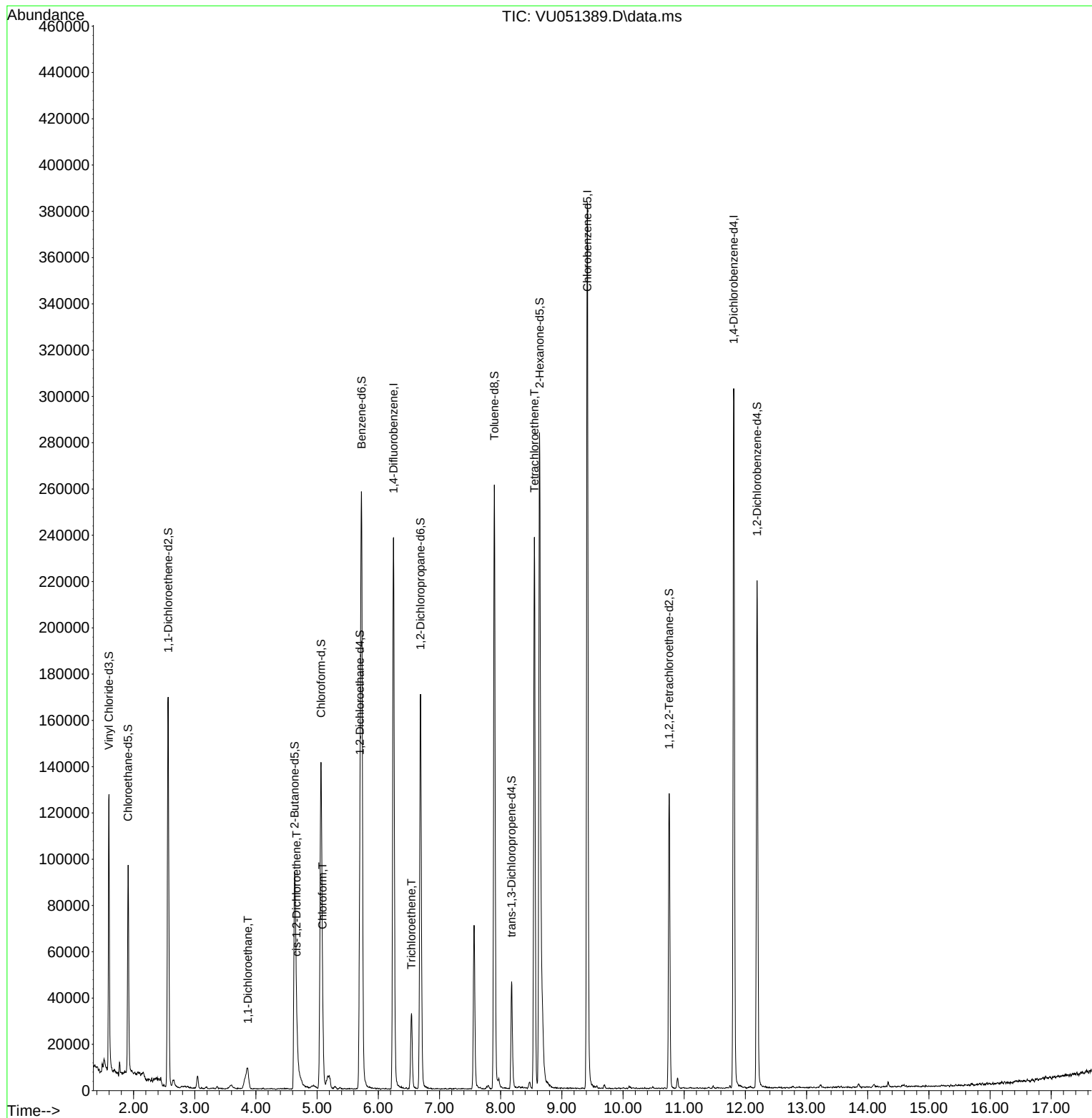
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	189254	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	209854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	91078	5.966	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.400%
7) Chloroethane-d5	1.909	69	65661	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.565	65	32177	5.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.600%
20) 2-Butanone-d5	4.632	46	151461	45.063	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.120%
24) Chloroform-d	5.063	84	129556	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.700	65	68589	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.726	84	241750	4.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.690	67	85052	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.896	98	178605	3.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.179	79	26994	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.636	63	81008	37.314	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.620%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	67547	4.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	59750	4.224	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.867	63	7267	0.243	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	1899	0.118	ug/L	97
25) Chloroform	5.089	83	22724	0.726	ug/L	97
34) Trichloroethene	6.542	95	12008	0.687	ug/L	95
47) Tetrachloroethene	8.552	164	53139	4.135	ug/L	97

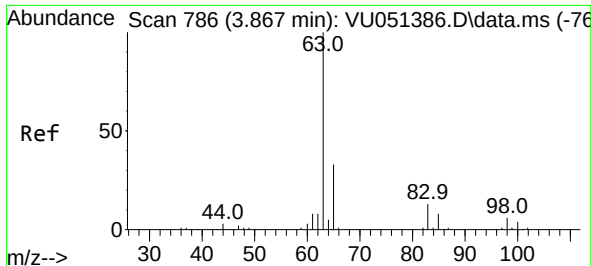
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.243 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU051389.D

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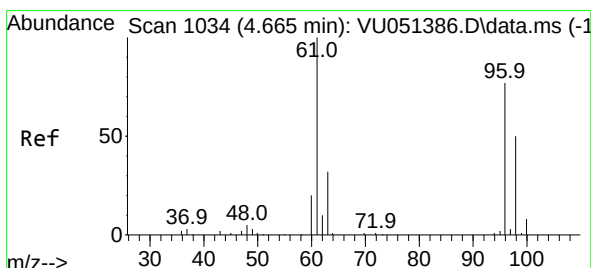
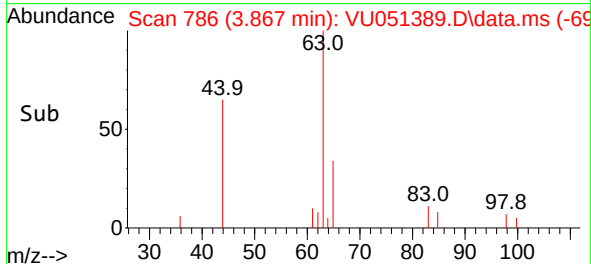
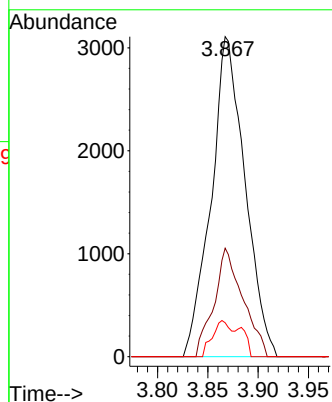
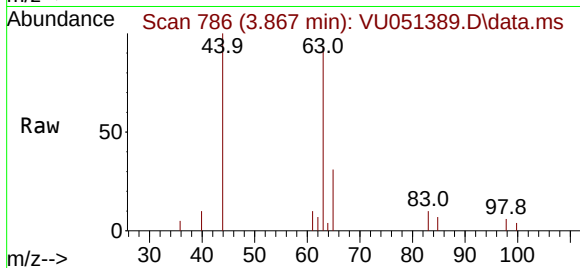
Tgt Ion: 63 Resp: 7267

Ion Ratio Lower Upper

63 100

65 33.9 22.0 41.0

83 10.6 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 0.118 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051389.D

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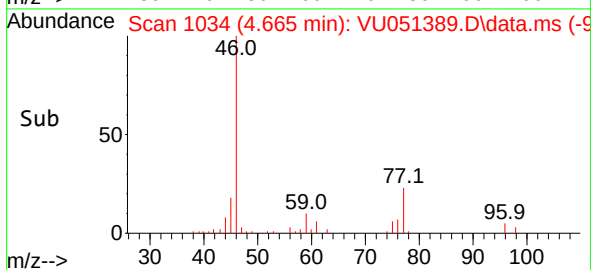
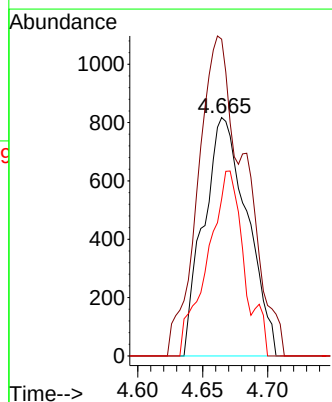
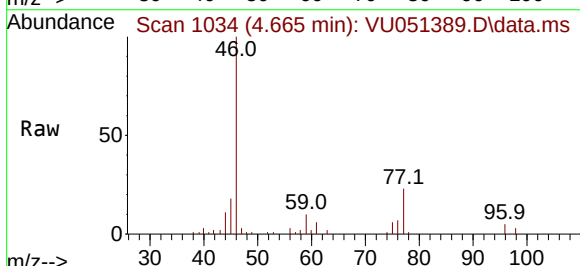
Tgt Ion: 96 Resp: 1899

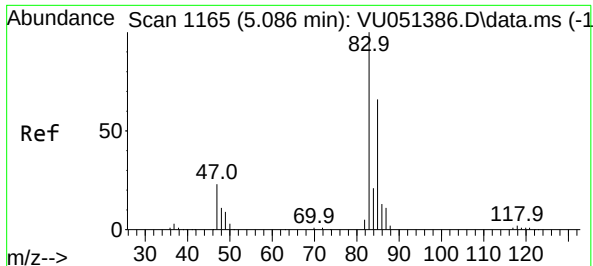
Ion Ratio Lower Upper

96 100

61 132.9 90.6 168.2

98 65.9 47.5 88.3





#25

Chloroform

Concen: 0.726 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051389.D

Acq: 12 Oct 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

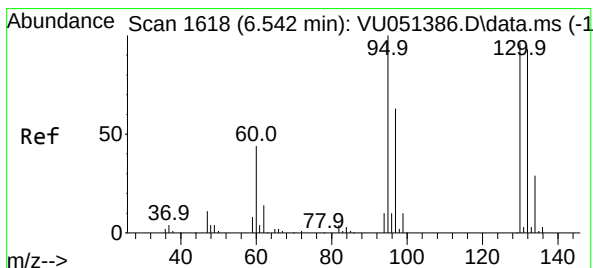
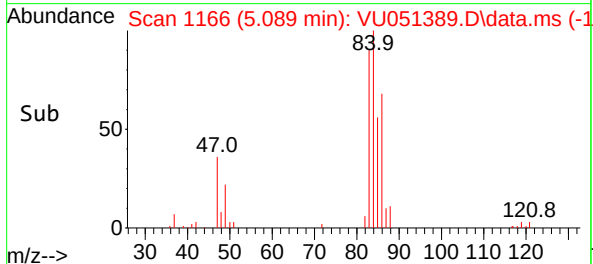
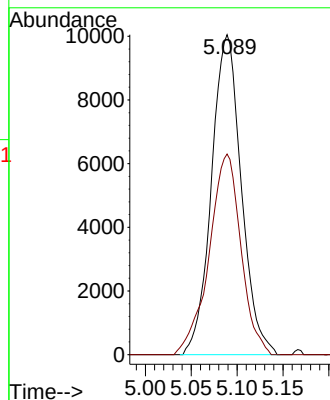
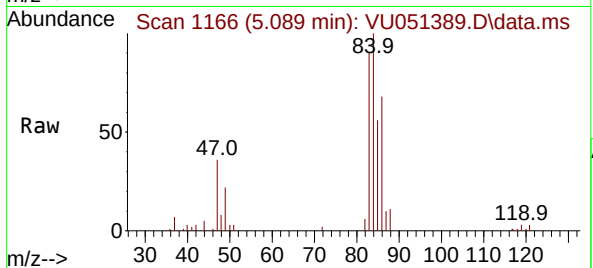
BGS12

Tgt Ion: 83 Resp: 22724

Ion Ratio Lower Upper

83 100

85 62.7 45.6 84.6



#34

Trichloroethene

Concen: 0.687 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU051389.D

Acq: 12 Oct 2022 14:03

Tgt Ion: 95 Resp: 12008

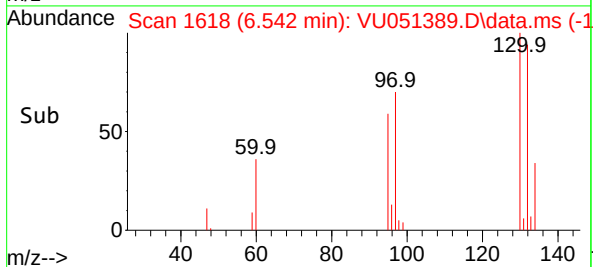
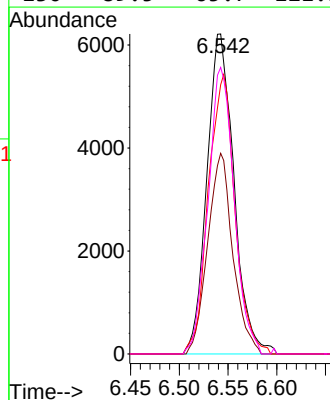
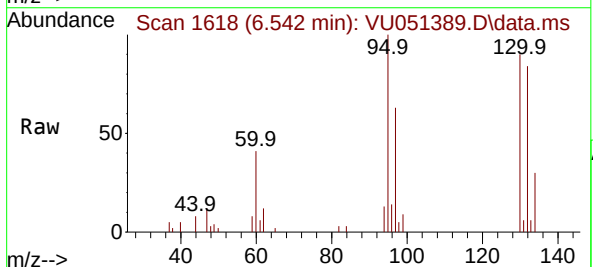
Ion Ratio Lower Upper

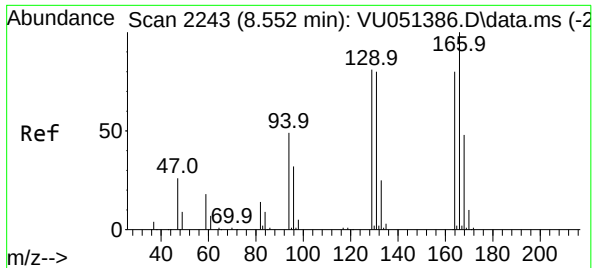
95 100

97 62.7 45.4 84.2

132 84.2 63.1 117.3

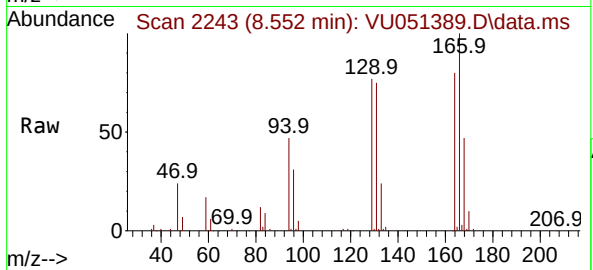
130 89.5 65.7 121.9





#47
 Tetrachloroethene
 Concen: 4.135 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051389.D
 Acq: 12 Oct 2022 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS12



Tgt Ion:	164	Resp:	53139
Ion	Ratio	Lower	Upper
164	100		
129	97.2	71.3	132.3
131	94.6	66.9	124.3
166	125.8	90.9	168.7

