

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
 Data File : VU051388.D
 Acq On : 12 Oct 2022 13:38
 Operator : JC/MD
 Sample : N4993-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS11

Quant Time: Oct 13 01:39:26 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)

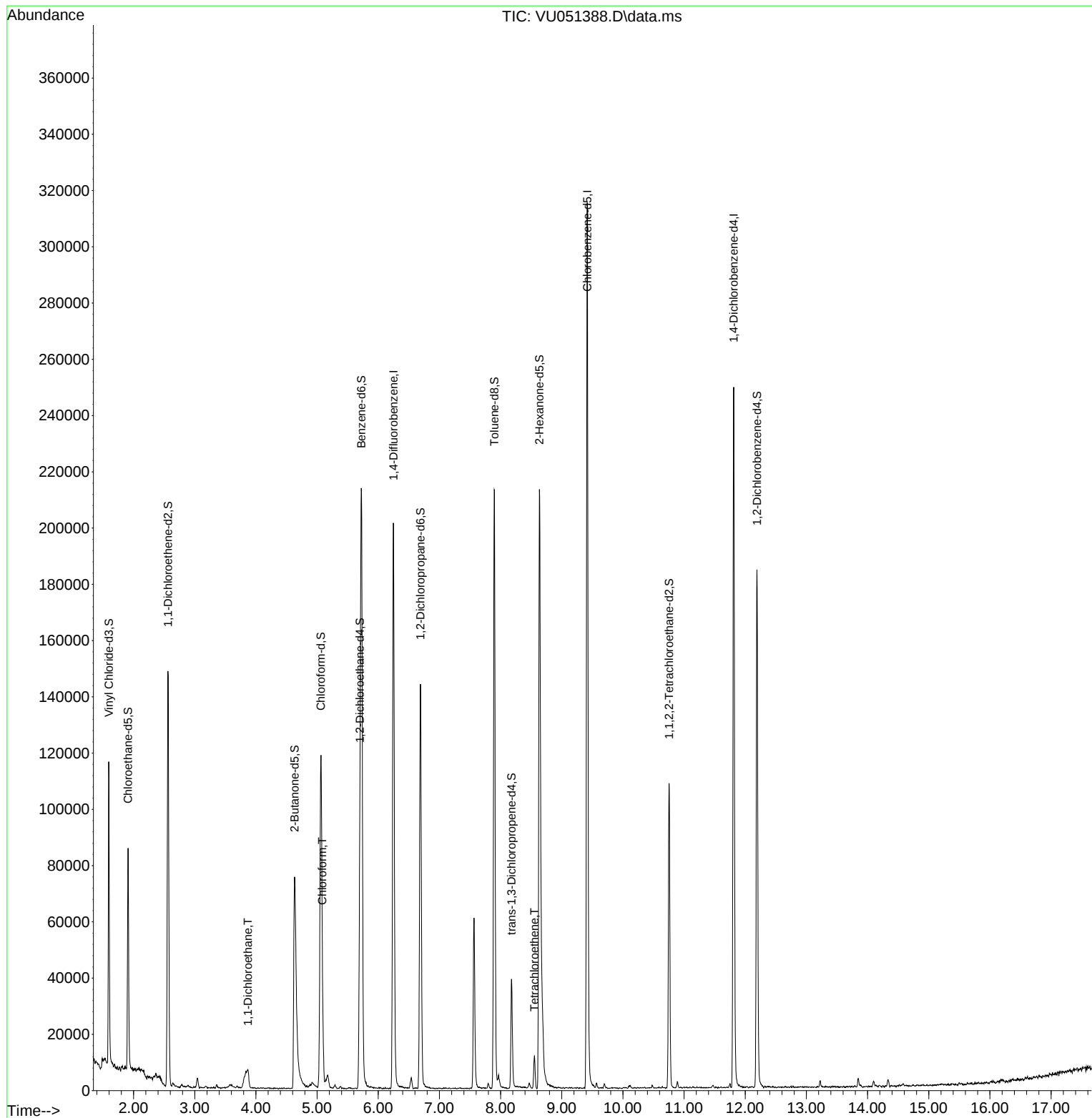
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	162290	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	176118	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	79911	6.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.000%
7) Chloroethane-d5	1.909	69	56948	5.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.562	65	28453	5.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.000%
20) 2-Butanone-d5	4.632	46	124527	43.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.420%
24) Chloroform-d	5.063	84	109638	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.700	65	60495	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.726	84	203971	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.690	67	72171	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.899	98	147566	3.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.179	79	22849	4.227	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.636	63	62804	34.471	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.940%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	58069	4.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	50073	4.268	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.870	63	7970	0.310	ug/L	# 92
25) Chloroform	5.086	83	17794	0.663	ug/L	97
47) Tetrachloroethene	8.552	164	2691	0.250	ug/L	91

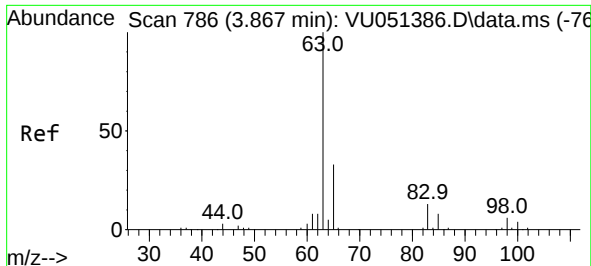
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.310 ug/L

RT: 3.870 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU051388.D

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Instrument :

MSVOA_U

ClientSampleId :

BGS11

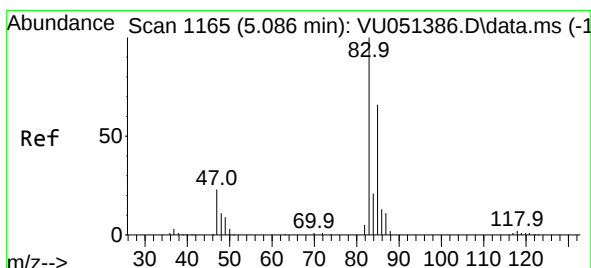
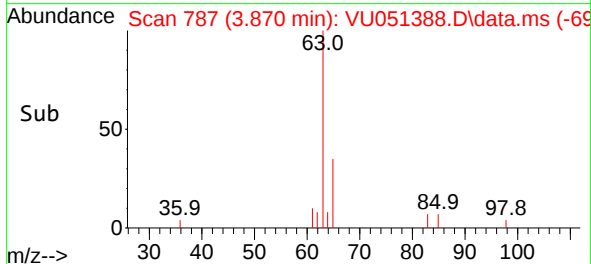
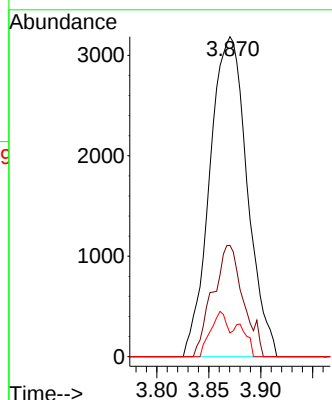
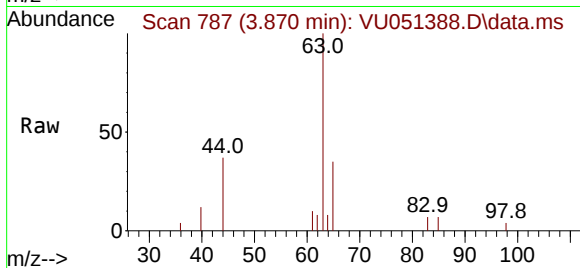
Tgt Ion: 63 Resp: 7970

Ion Ratio Lower Upper

63 100

65 34.8 22.0 41.0

83 7.4 9.0 16.6#



#25

Chloroform

Concen: 0.663 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

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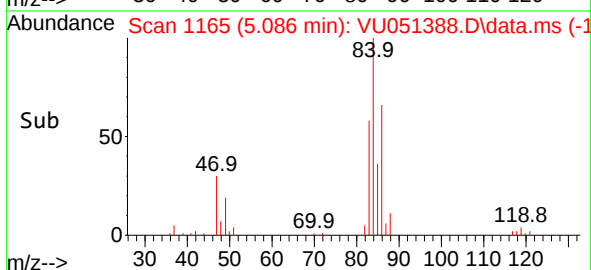
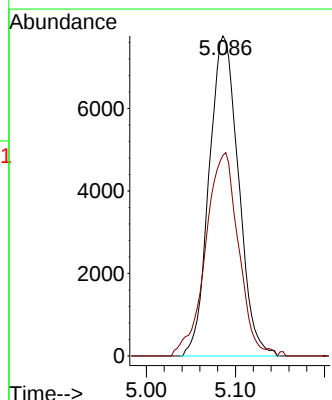
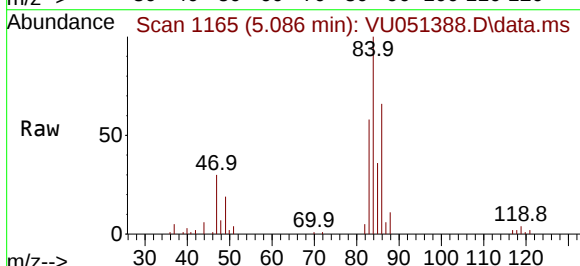
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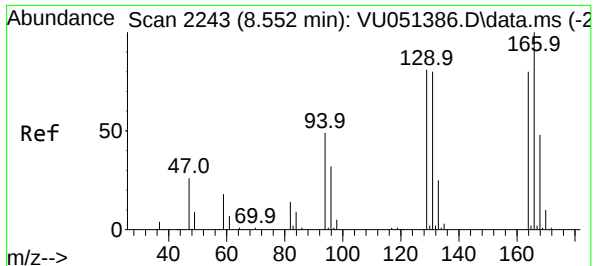
Tgt Ion: 83 Resp: 17794

Ion Ratio Lower Upper

83 100

85 62.7 45.6 84.6





#47
 Tetrachloroethene
 Concen: 0.250 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
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Tgt Ion:164 Resp: 2691

Ion	Ratio	Lower	Upper
164	100		
129	111.4	71.3	132.3
131	80.8	66.9	124.3
166	134.7	90.9	168.7

