

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053706.D
 Acq On : 14 Apr 2023 11:17
 Operator : JC/MD
 Sample : 02254-20DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD3DL

Quant Time: Apr 15 05:30:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

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

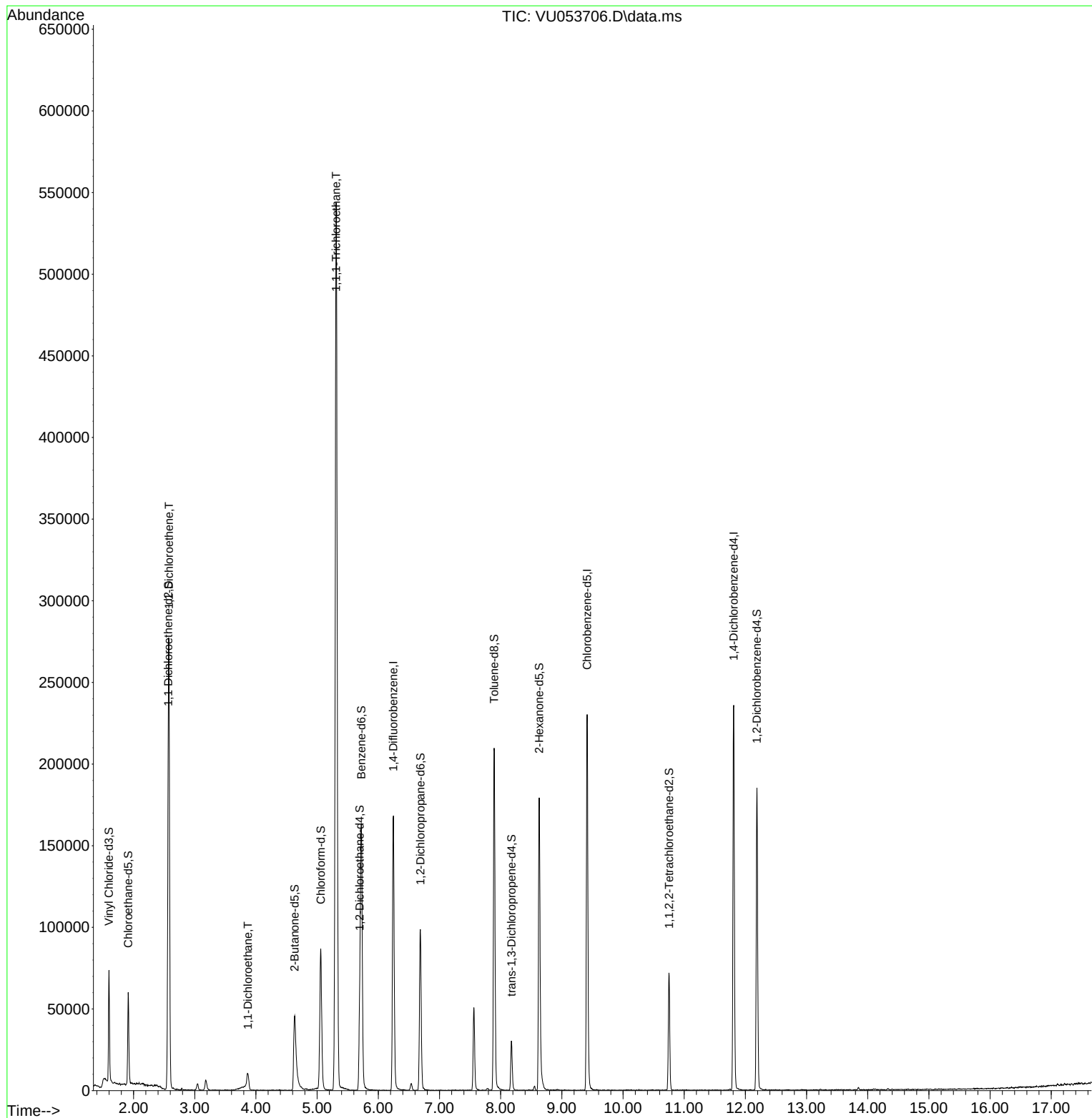
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	143443	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136553	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51445	5.213	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.200%
7) Chloroethane-d5	1.913	69	41675	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.565	65	19022	4.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.633	46	76819	33.981	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.960%
24) Chloroform-d	5.060	84	78307	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.697	65	38369	4.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
32) Benzene-d6	5.723	84	165229	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.687	67	49883	4.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.893	98	150781	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.176	79	17914	3.959	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.629	63	66045	35.932	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.860%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35554	3.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	51081	4.326	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	76694	9.443	ug/L	# 78
19) 1,1-Dichloroethane	3.867	63	11560	0.744	ug/L	91
29) 1,1,1-Trichloroethane	5.311	97	398180	29.536	ug/L	97

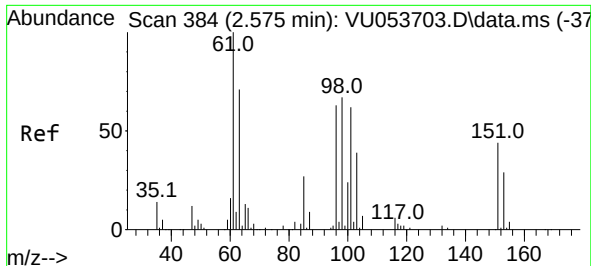
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 9.443 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU053706.D

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Instrument :

MSVOA_U

ClientSampleId :

C0AD3DL

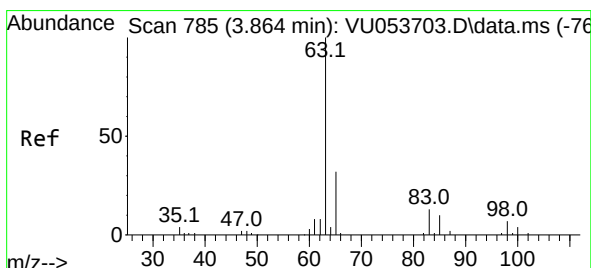
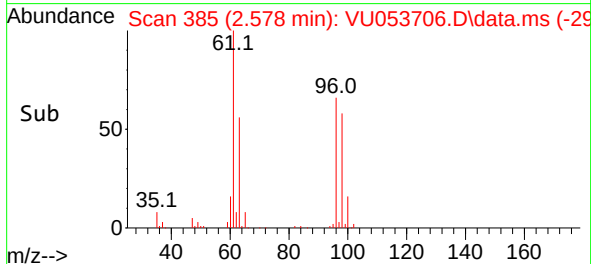
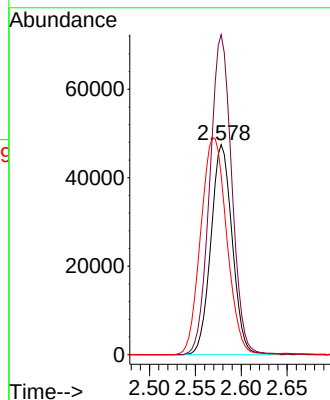
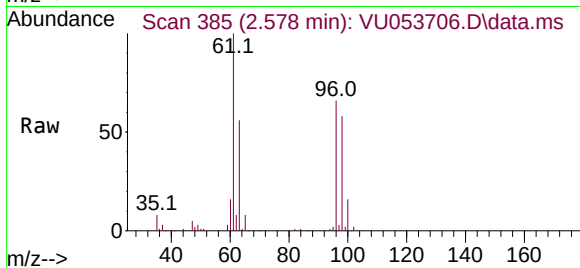
Tgt Ion: 96 Resp: 76694

Ion Ratio Lower Upper

96 100

61 152.3 116.8 216.8

63 85.5 88.6 164.6#



#19

1,1-Dichloroethane

Concen: 0.744 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU053706.D

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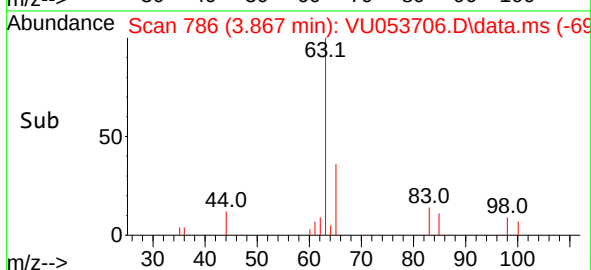
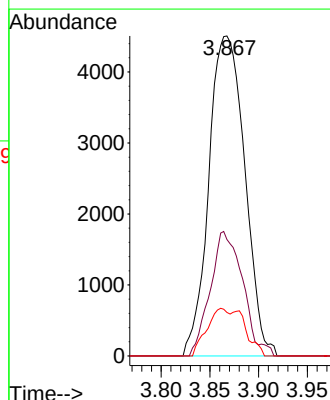
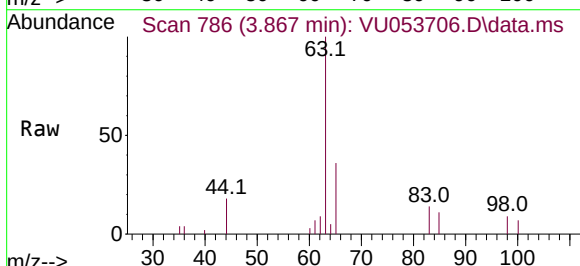
Tgt Ion: 63 Resp: 11560

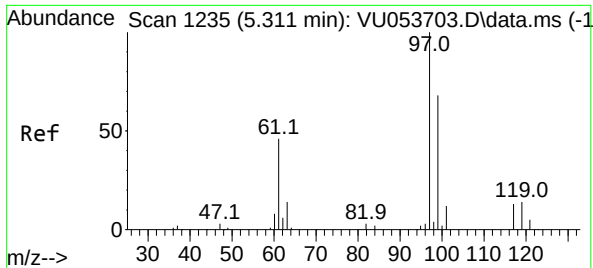
Ion Ratio Lower Upper

63 100

65 36.4 21.7 40.3

83 13.6 8.1 15.1





#29
 1,1,1-Trichloroethane
 Concen: 29.536 ug/L
 RT: 5.311 min Scan# 11
 Delta R.T. 0.000 min
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 Acq: 14 Apr 2023 11:17

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD3DL

Tgt Ion: 97 Resp: 398180

Ion	Ratio	Lower	Upper
97	100		
99	64.3	49.9	74.9
61	41.5	35.7	53.5

