

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051835.D
 Acq On : 14 Nov 2022 15:28
 Operator : JC/MD
 Sample : N5593-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD4

Quant Time: Nov 15 03:03:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

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

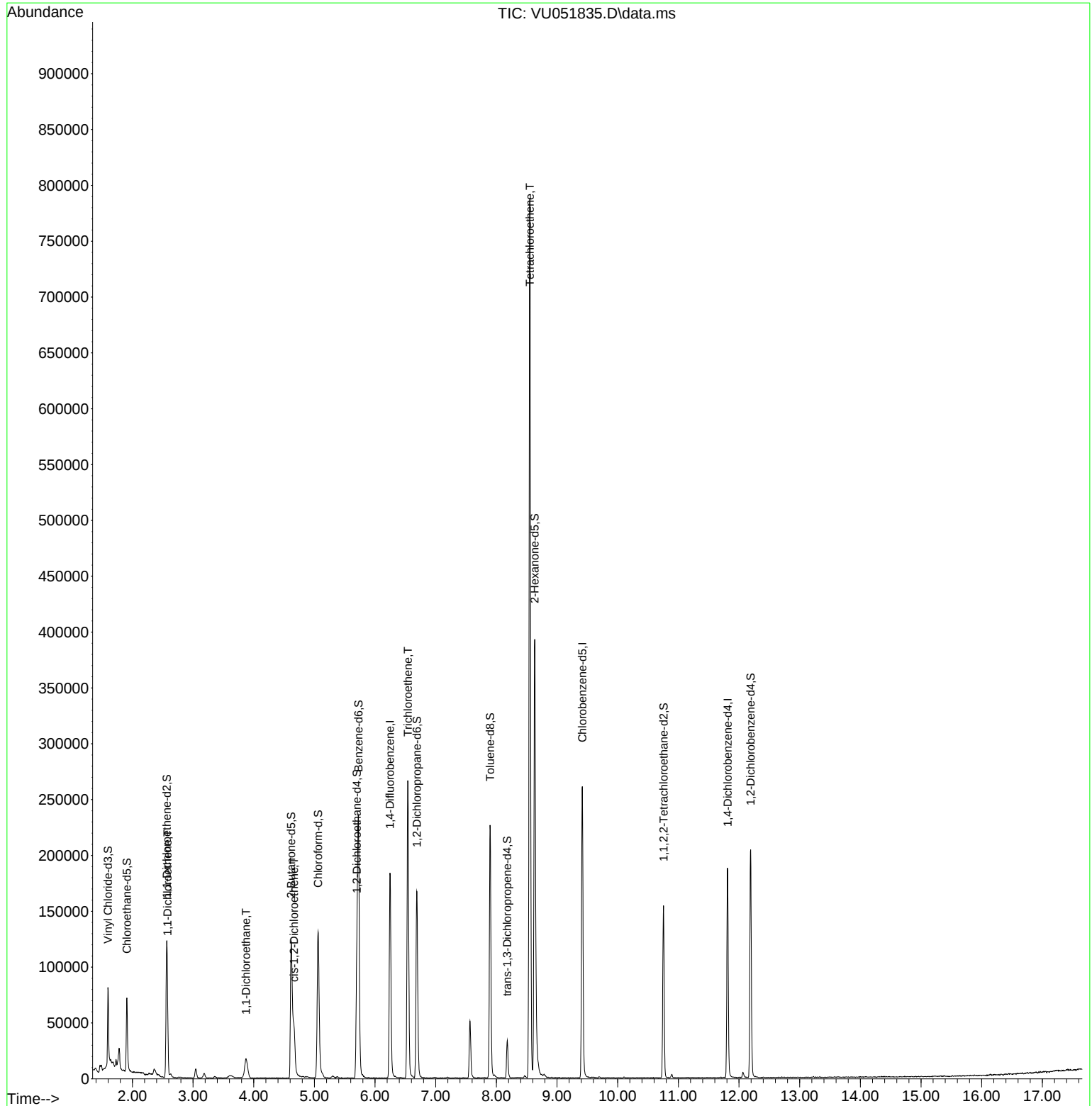
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	152877	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	155666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53270	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49673	4.314	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.909	69	53546	4.459	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.200%	
11) 1,1-Dichloroethene-d2	2.565	65	19944	4.773	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.400%	
20) 2-Butanone-d5	4.616	46	176323	42.285	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.580%	
24) Chloroform-d	5.060	84	127806	4.744	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.700	65	68514	4.707	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.726	84	231348	4.709	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.687	67	85361	4.969	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.896	98	159681	4.134	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
43) trans-1,3-Dichloroprop...	8.179	79	20405	3.885	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.800%	
46) 2-Hexanone-d5	8.629	63	126302	39.947	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.900%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	79022	5.020	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	57965	5.929	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	13215	0.994	ug/L #	18
19) 1,1-Dichloroethane	3.871	63	10606	0.403	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	17576	1.114	ug/L	92
34) Trichloroethene	6.539	95	94880	6.400	ug/L	99
47) Tetrachloroethene	8.552	164	181645	15.998	ug/L	96

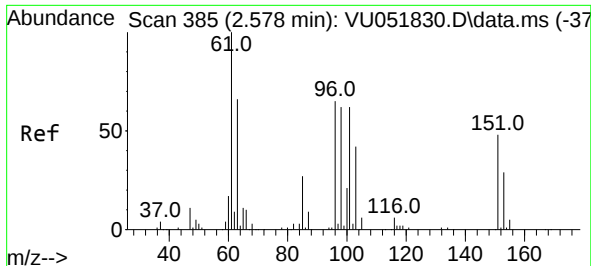
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.994 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

H0AD4

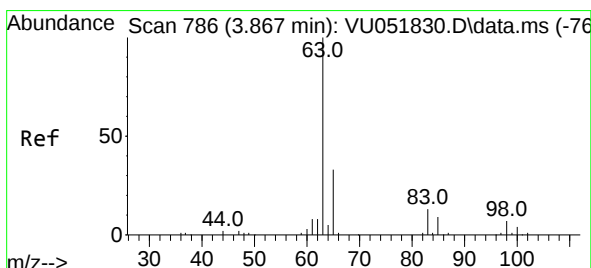
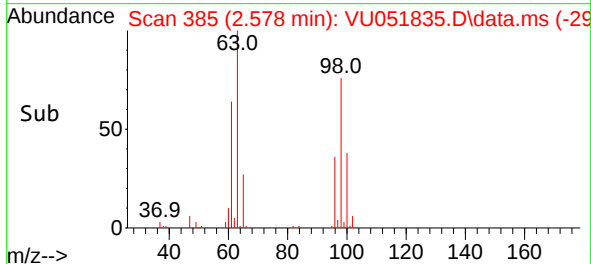
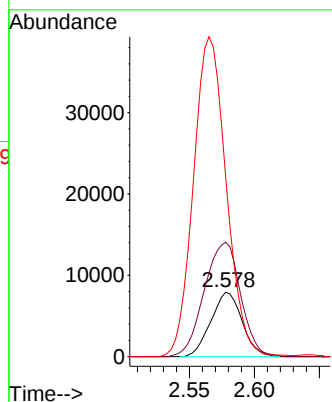
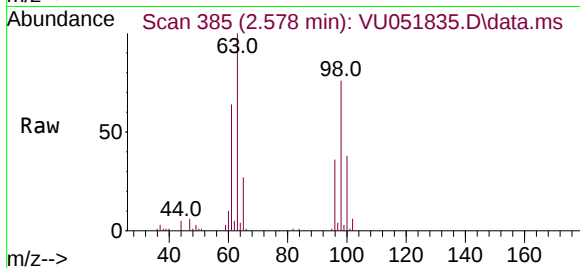
Tgt Ion: 96 Resp: 13215

Ion Ratio Lower Upper

96 100

61 177.6 108.8 202.0

63 276.7 64.9 120.5#



#19

1,1-Dichloroethane

Concen: 0.403 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU051835.D

Acq: 14 Nov 2022 15:28

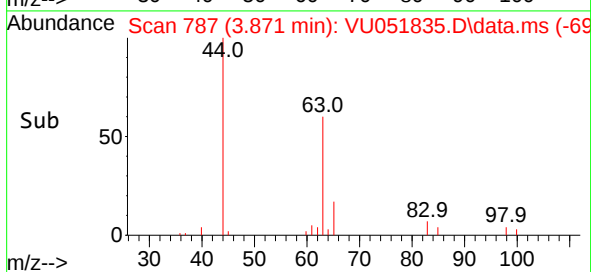
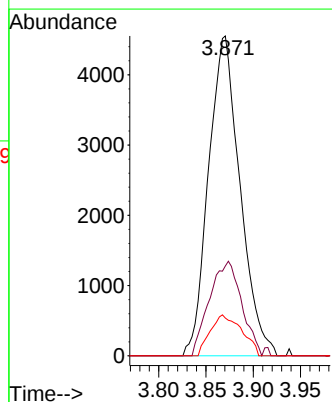
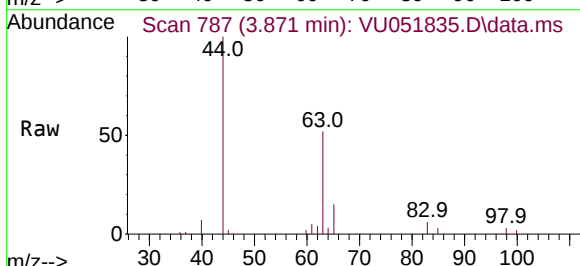
Tgt Ion: 63 Resp: 10606

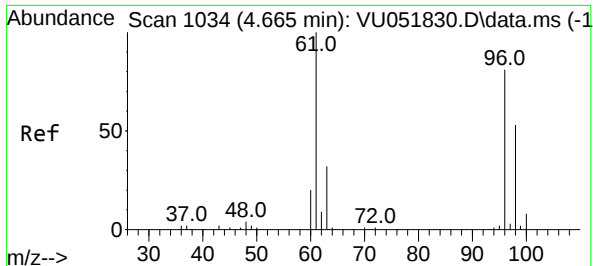
Ion Ratio Lower Upper

63 100

65 28.1 22.7 42.1

83 11.8 9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 1.114 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051835.D

Acq: 14 Nov 2022 15:28

Instrument :

MSVOA_U

ClientSampleId :

H0AD4

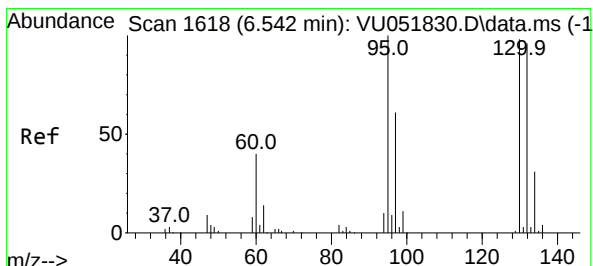
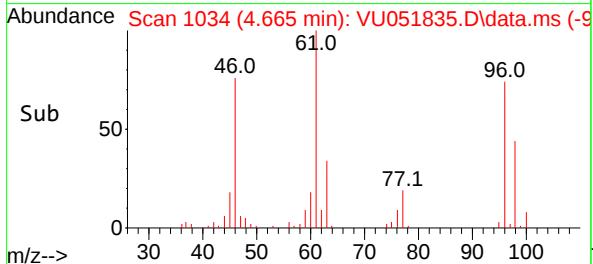
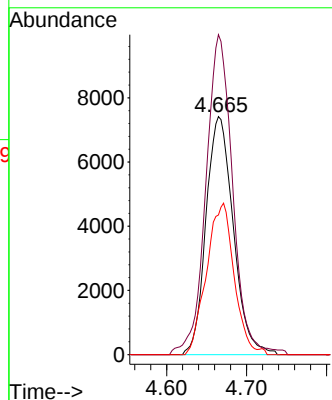
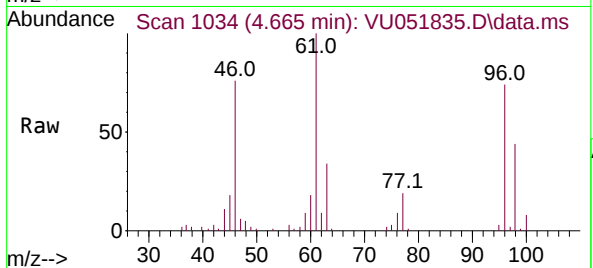
Tgt Ion: 96 Resp: 17576

Ion Ratio Lower Upper

96 100

61 134.4 86.4 160.4

98 58.6 44.2 82.2



#34

Trichloroethene

Concen: 6.400 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051835.D

Acq: 14 Nov 2022 15:28

Tgt Ion: 95 Resp: 94880

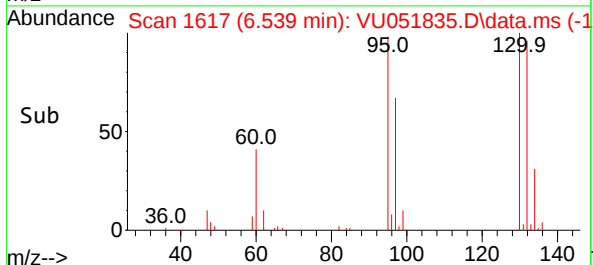
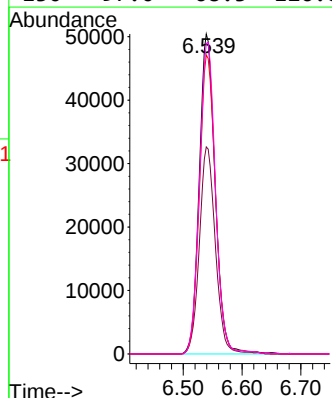
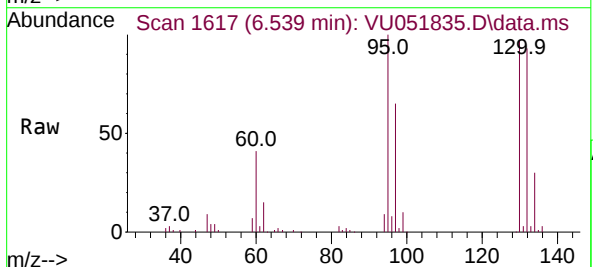
Ion Ratio Lower Upper

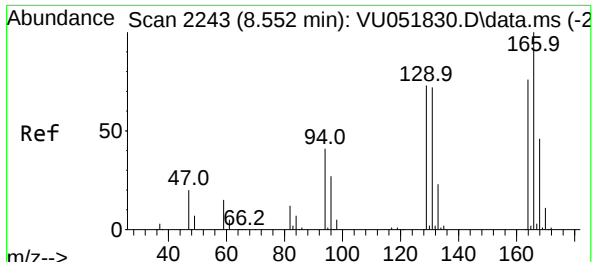
95 100

97 64.7 45.2 84.0

132 93.4 66.5 123.5

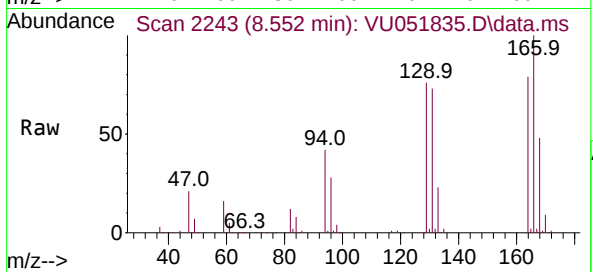
130 97.0 68.3 126.8





#47
Tetrachloroethene
Concen: 15.998 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051835.D
Acq: 14 Nov 2022 15:28

Instrument :
MSVOA_U
ClientSampleId :
H0AD4



Tgt Ion:	164	Resp:	181645
Ion	Ratio	Lower	Upper
164	100		
129	95.8	64.0	118.8
131	92.3	60.7	112.7
166	126.5	86.8	161.2

