

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051821.D
 Acq On : 11 Nov 2022 17:40
 Operator : JC/MD
 Sample : N5593-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC9

Quant Time: Nov 12 01:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

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

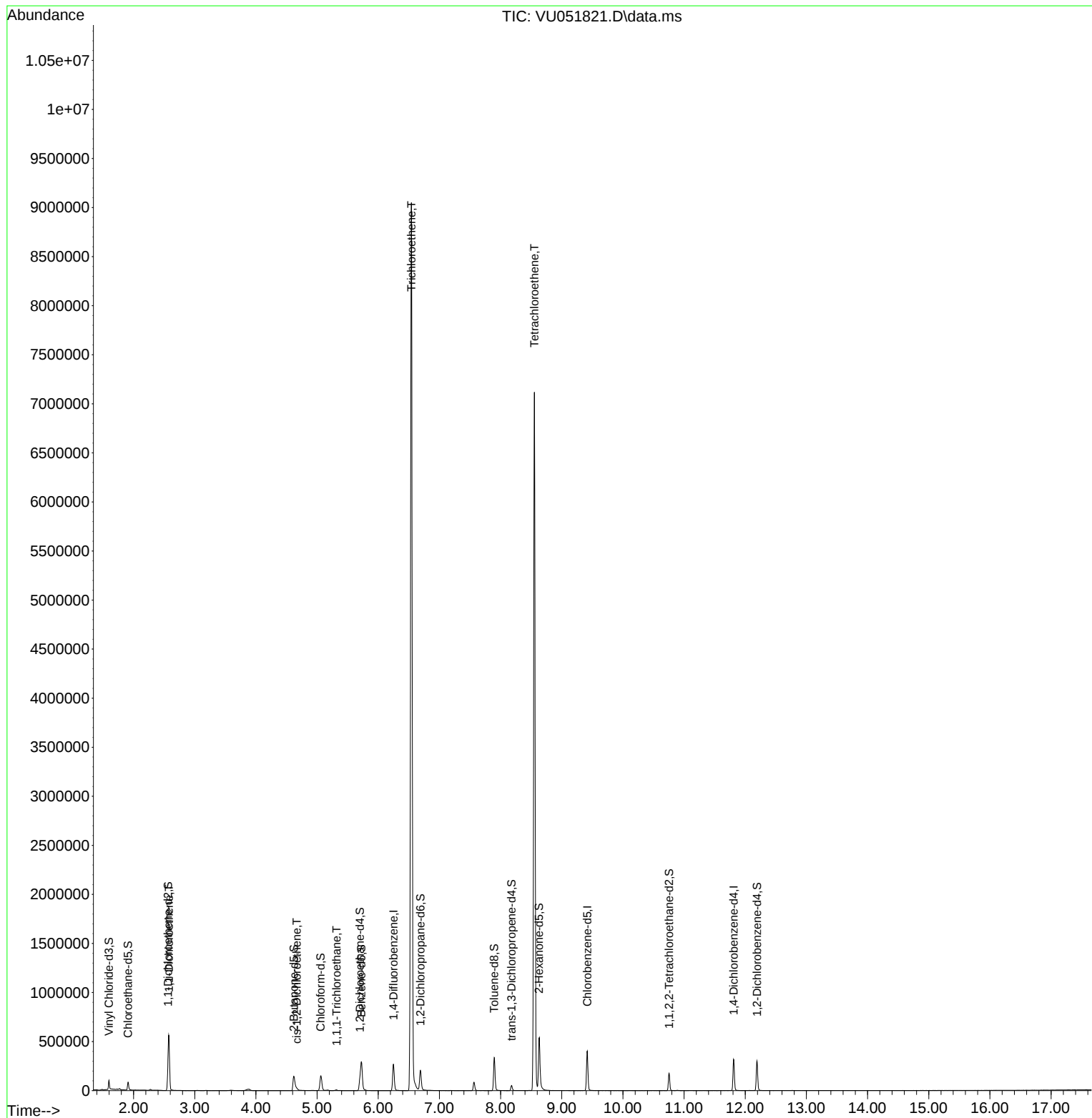
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	226284	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	231759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64478	3.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.909	69	63727	3.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.565	65	28096	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.620	46	212339	34.403	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.800%
24) Chloroform-d	5.060	84	144904	3.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.700	65	79576	3.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
32) Benzene-d6	5.726	84	286375	3.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.690	67	100291	3.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.896	98	233173	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.179	79	30370	3.884	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.629	63	192149	40.820	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.640%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90610	3.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	85103	5.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	176089	8.951	ug/L	91
22) cis-1,2-Dichloroethene	4.668	96	7602	0.325	ug/L	92
29) 1,1,1-Trichloroethane	5.317	97	4930	0.157	ug/L	95
34) Trichloroethene	6.542	95	3162583	143.287	ug/L	100
47) Tetrachloroethene	8.552	164	1593051	94.242	ug/L	94

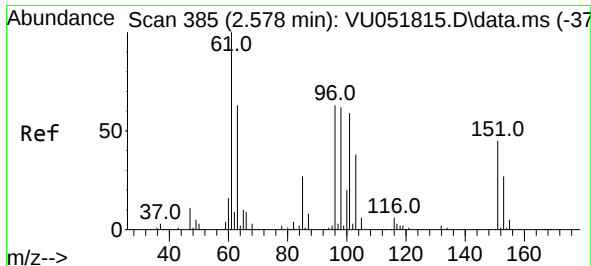
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 8.951 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.000 min

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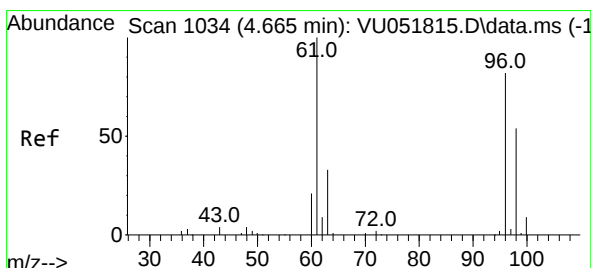
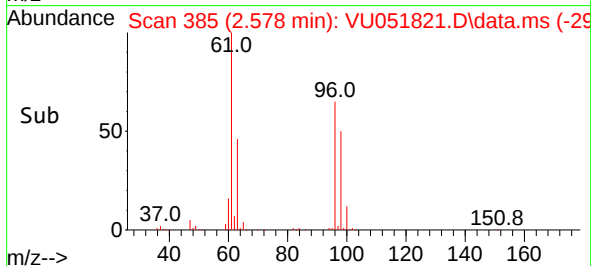
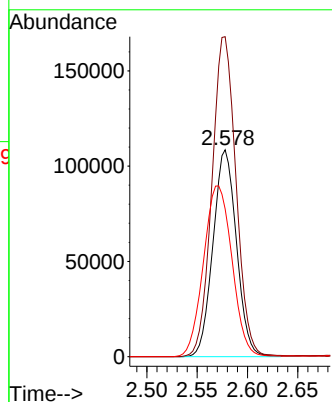
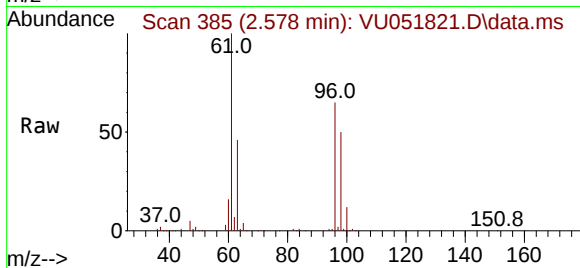
Tgt Ion: 96 Resp: 176089

Ion Ratio Lower Upper

96 100

61 154.7 108.8 202.0

63 71.4 64.9 120.5



#22

cis-1,2-Dichloroethene

Concen: 0.325 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051821.D

Acq: 11 Nov 2022 17:40

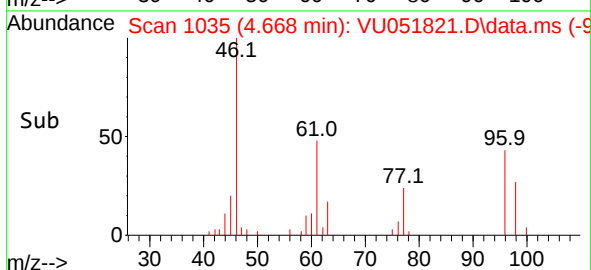
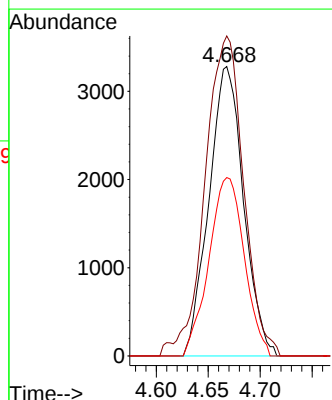
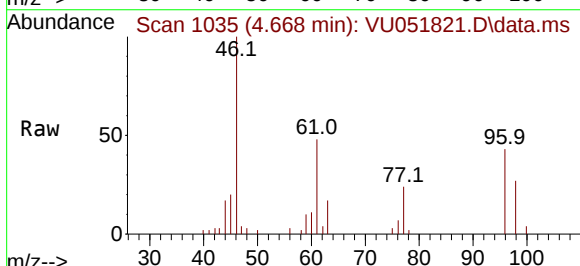
Tgt Ion: 96 Resp: 7602

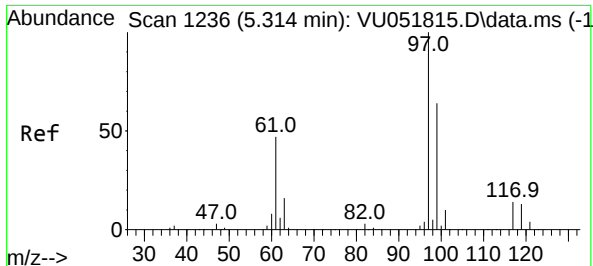
Ion Ratio Lower Upper

96 100

61 110.5 86.4 160.4

98 61.6 44.2 82.2





#29

1,1,1-Trichloroethane

Concen: 0.157 ug/L

RT: 5.317 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051821.D

Acq: 11 Nov 2022 17:40

Instrument :

MSVOA_U

ClientSampleId :

H0AC9

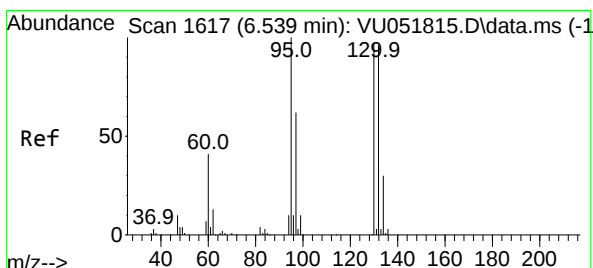
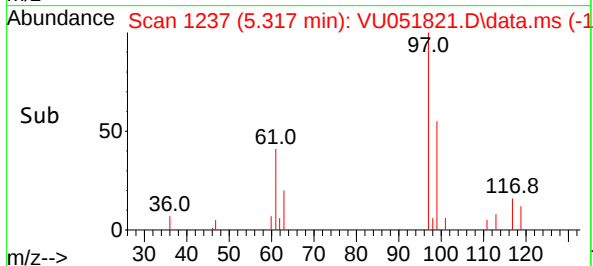
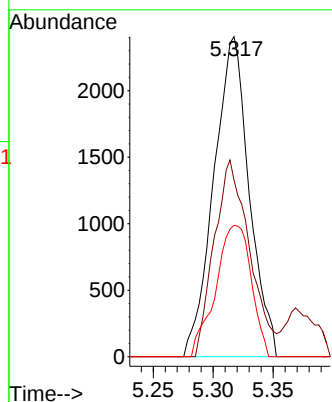
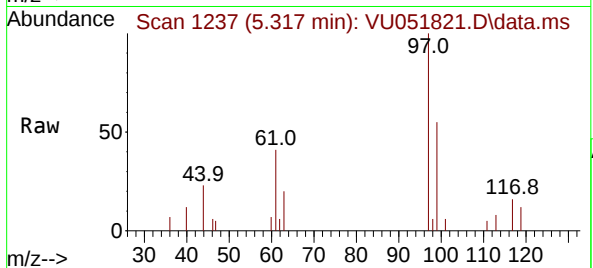
Tgt Ion: 97 Resp: 4930

Ion Ratio Lower Upper

97 100

99 61.7 51.1 76.7

61 41.3 37.4 56.0



#34

Trichloroethene

Concen: 143.287 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU051821.D

Acq: 11 Nov 2022 17:40

Tgt Ion: 95 Resp: 3162583

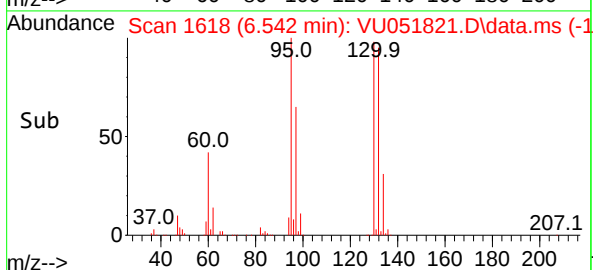
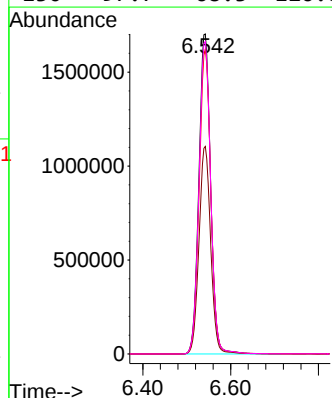
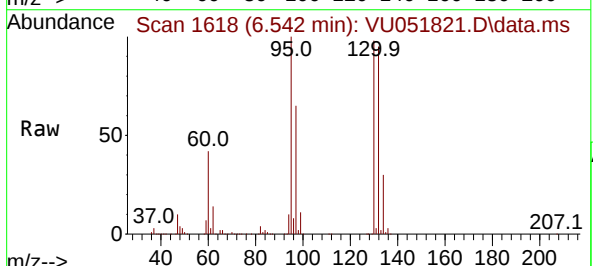
Ion Ratio Lower Upper

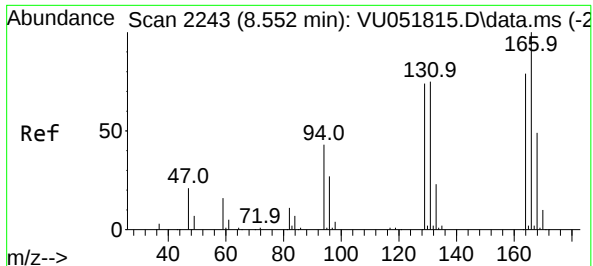
95 100

97 64.9 45.2 84.0

132 95.3 66.5 123.5

130 97.7 68.3 126.8





#47

Tetrachloroethene

Concen: 94.242 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051821.D

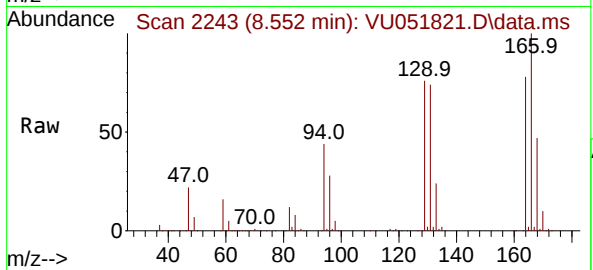
Acq: 11 Nov 2022 17:40

Instrument :

MSVOA_U

ClientSampleId :

H0AC9



Tgt Ion:164 Resp: 1593051

Ion Ratio Lower Upper

164 100

129 97.7 64.0 118.8

131 95.4 60.7 112.7

166 128.6 86.8 161.2

