

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051851.D
 Acq On : 14 Nov 2022 22:09
 Operator : JC/MD
 Sample : N5592-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB6

Quant Time: Nov 15 03:07:23 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)

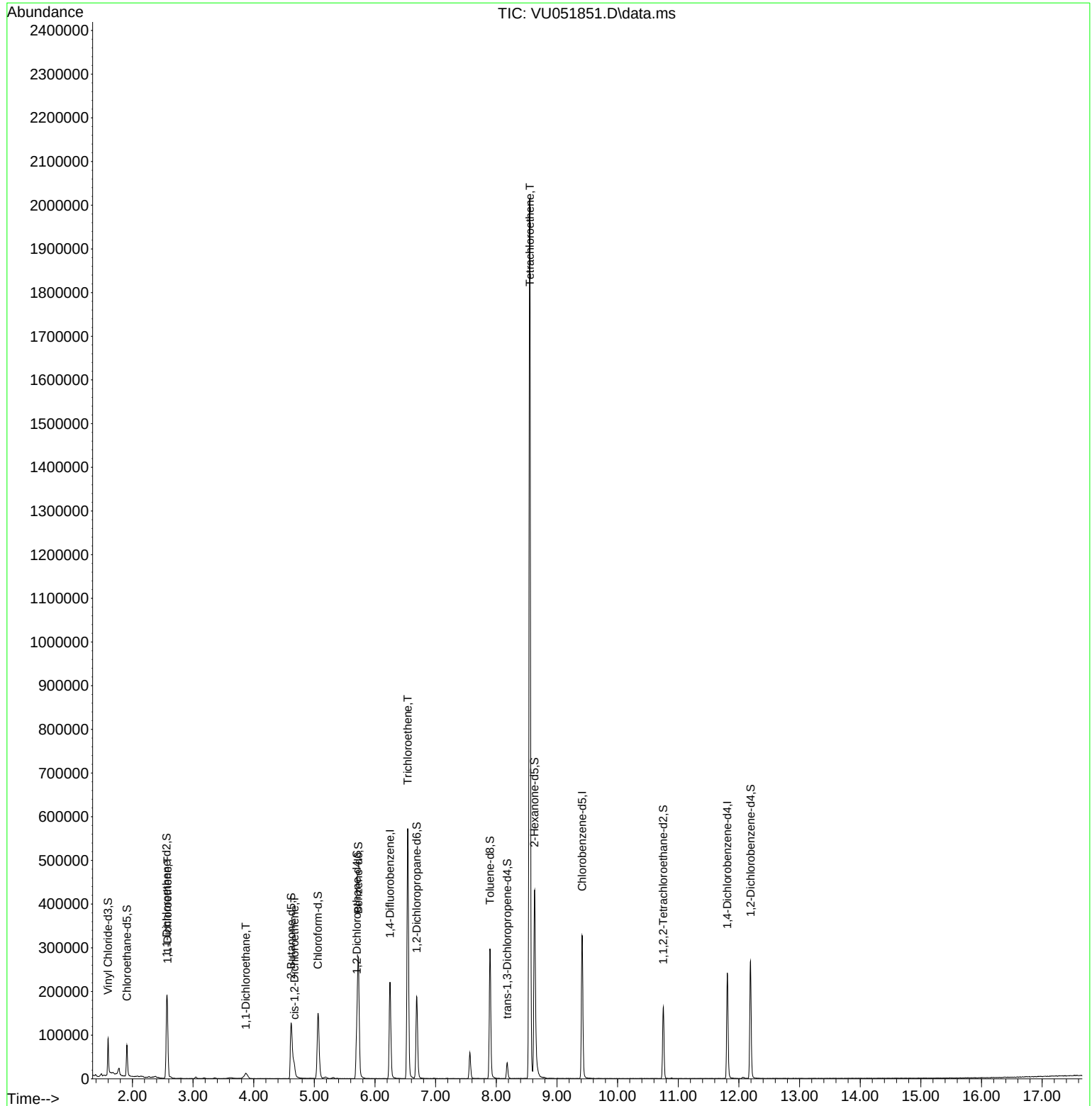
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	186387	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	196186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70525	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58588	4.174	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.909	69	58692	4.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.565	65	24629	4.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.616	46	186337	36.652	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.300%
24) Chloroform-d	5.060	84	143948	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.700	65	74571	4.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.726	84	274573	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.687	67	96366	4.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.896	98	209996	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.179	79	20973	3.168	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.629	63	143471	36.005	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	84787	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	76174	5.885	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	34832	2.150	ug/L	# 67
19) 1,1-Dichloroethane	3.867	63	5540	0.173	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	12925	0.672	ug/L	96
34) Trichloroethene	6.539	95	200758	10.745	ug/L	99
47) Tetrachloroethene	8.552	164	461783	32.272	ug/L	95

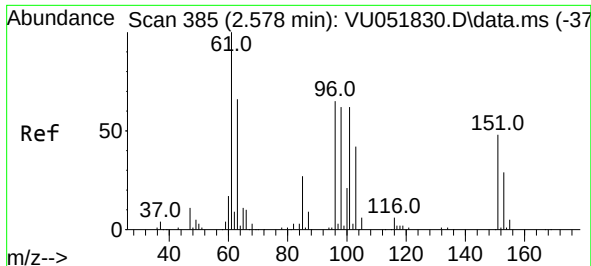
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.150 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU051851.D

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Instrument :

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ClientSampleId :

H0AB6

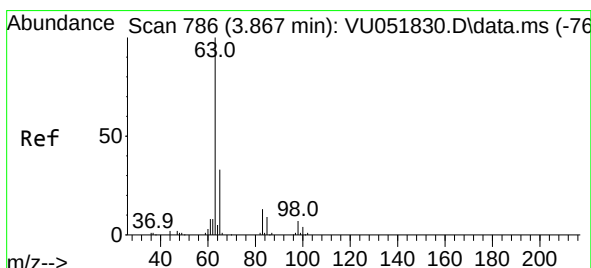
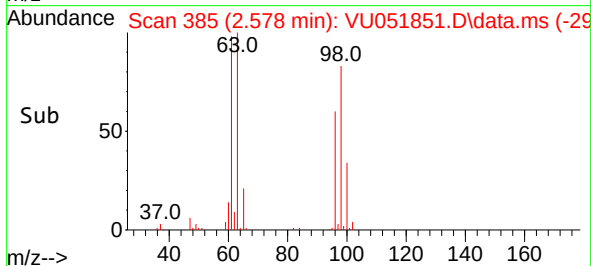
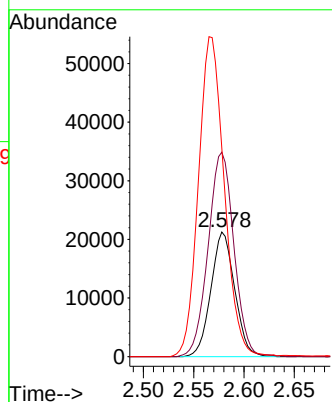
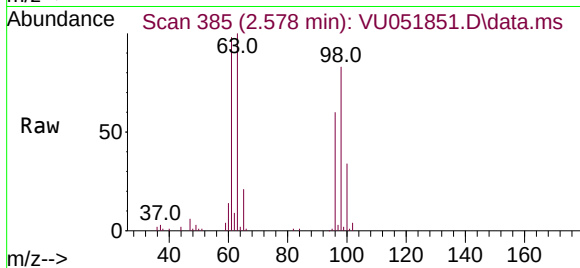
Tgt Ion: 96 Resp: 34832

Ion Ratio Lower Upper

96 100

61 164.2 108.8 202.0

63 167.6 64.9 120.5#



#19

1,1-Dichloroethane

Concen: 0.173 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU051851.D

Acq: 14 Nov 2022 22:09

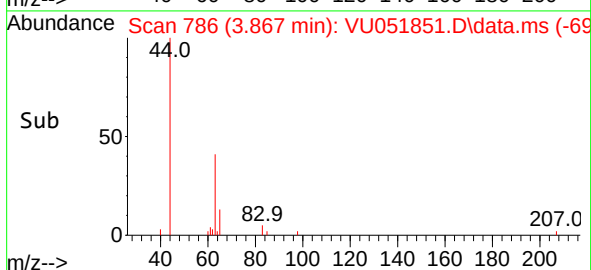
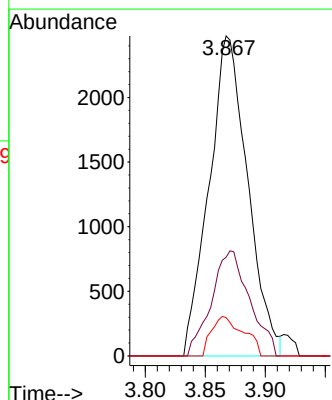
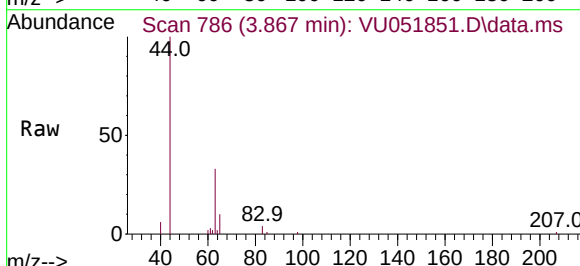
Tgt Ion: 63 Resp: 5540

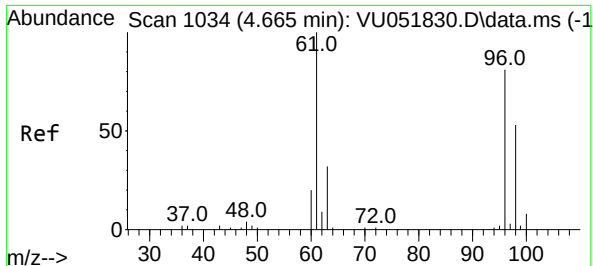
Ion Ratio Lower Upper

63 100

65 30.8 22.7 42.1

83 12.0 9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 0.672 ug/L

RT: 4.671 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VU051851.D

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Instrument :

MSVOA_U

ClientSampleId :

H0AB6

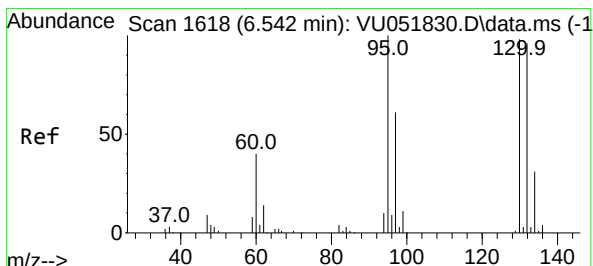
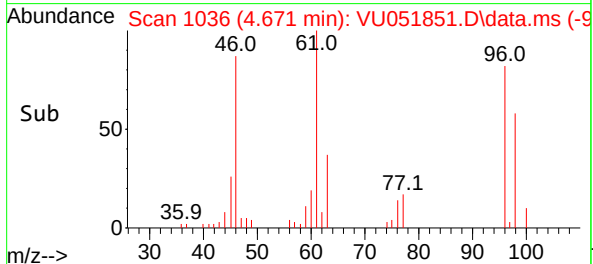
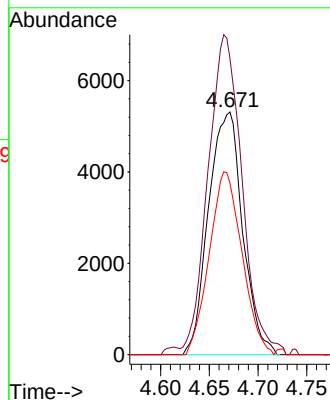
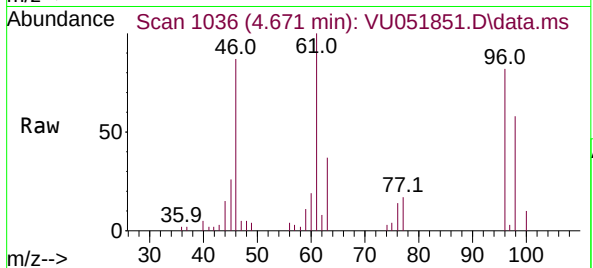
Tgt Ion: 96 Resp: 12925

Ion Ratio Lower Upper

96 100

61 122.0 86.4 160.4

98 70.7 44.2 82.2



#34

Trichloroethene

Concen: 10.745 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051851.D

Acq: 14 Nov 2022 22:09

Tgt Ion: 95 Resp: 200758

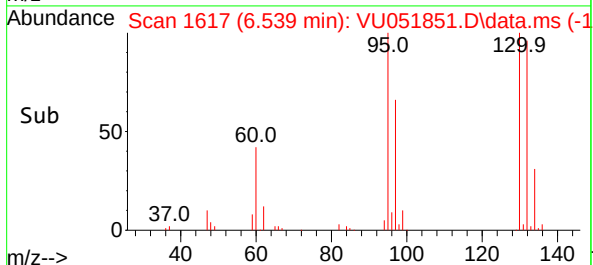
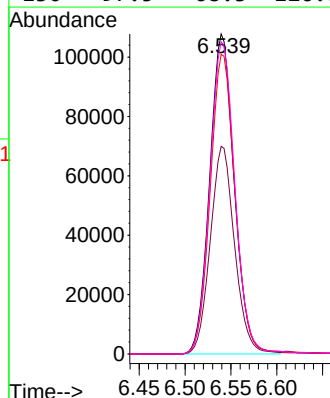
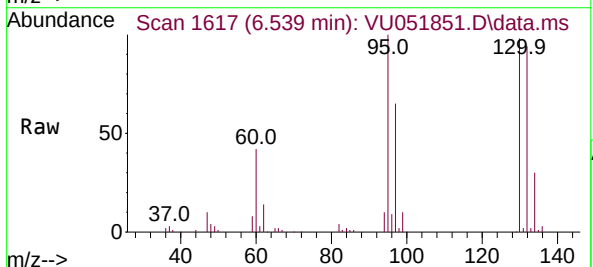
Ion Ratio Lower Upper

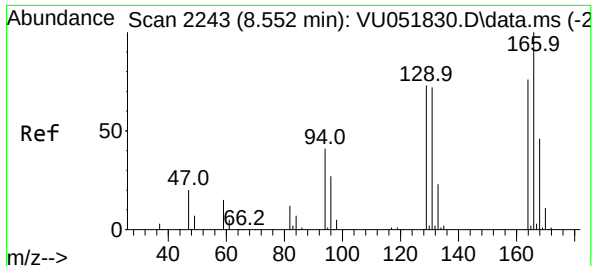
95 100

97 64.9 45.2 84.0

132 93.6 66.5 123.5

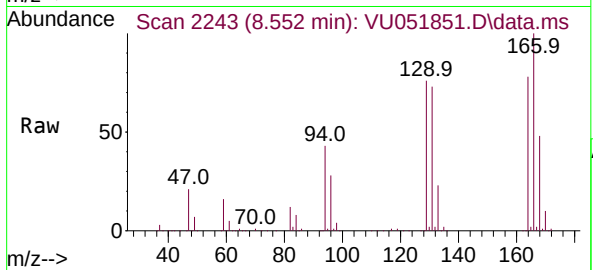
130 97.5 68.3 126.8





#47
 Tetrachloroethene
 Concen: 32.272 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051851.D
 Acq: 14 Nov 2022 22:09

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB6



Tgt Ion:	164	Resp:	461783
Ion	Ratio	Lower	Upper
164	100		
129	97.3	64.0	118.8
131	93.1	60.7	112.7
166	128.3	86.8	161.2

