

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051834.D
 Acq On : 14 Nov 2022 15:02
 Operator : JC/MD
 Sample : N5593-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD3

Quant Time: Nov 15 03:03:27 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)

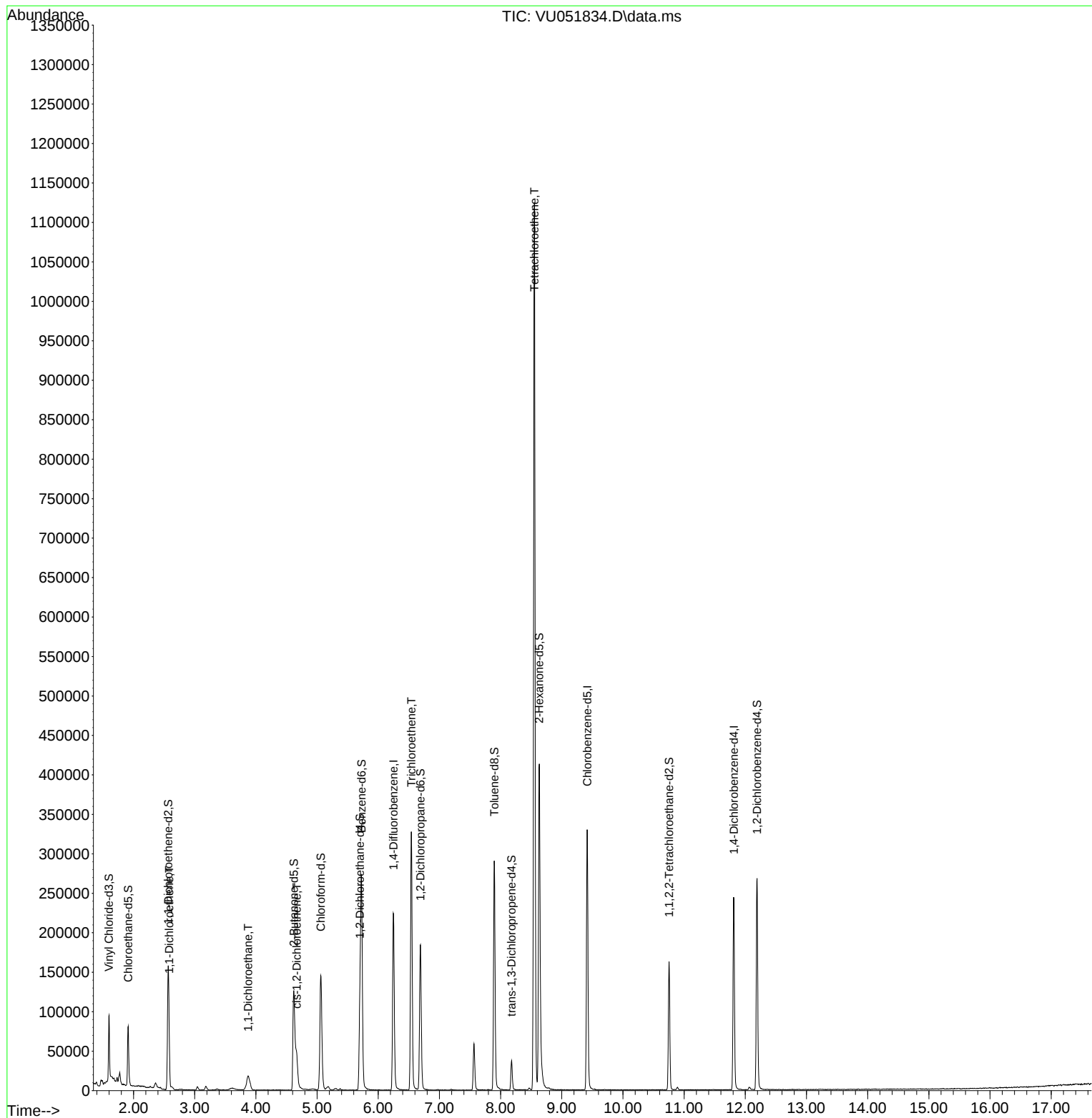
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	188085	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	196660	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58644	4.140	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.912	69	60528	4.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.565	65	25672	4.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.620	46	180547	35.193	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.380%
24) Chloroform-d	5.060	84	139788	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.700	65	73099	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.726	84	269006	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.687	67	92682	4.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.896	98	204809	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.179	79	21574	3.251	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.000%
46) 2-Hexanone-d5	8.629	63	136813	34.251	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.500%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	84535	4.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	75384	5.837	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	15828	0.968	ug/L	# 30
19) 1,1-Dichloroethane	3.874	63	11003	0.340	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	19644	1.012	ug/L	95
34) Trichloroethene	6.539	95	118185	6.310	ug/L	97
47) Tetrachloroethene	8.552	164	256616	17.890	ug/L	94

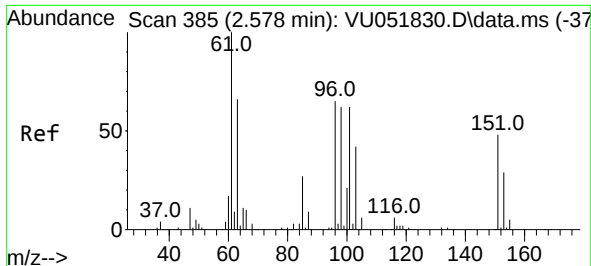
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.968 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU051834.D

Acq: 14 Nov 2022 15:02

Instrument :

MSVOA_U

ClientSampleId :

H0AD3

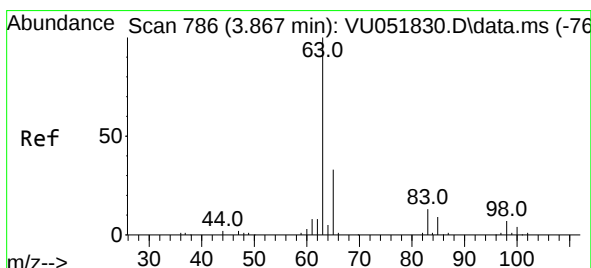
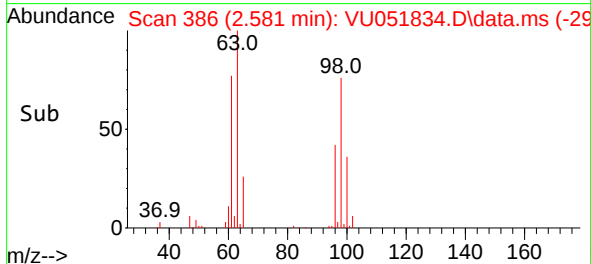
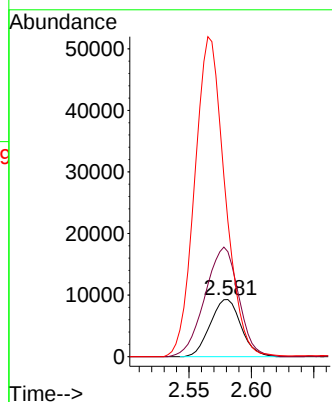
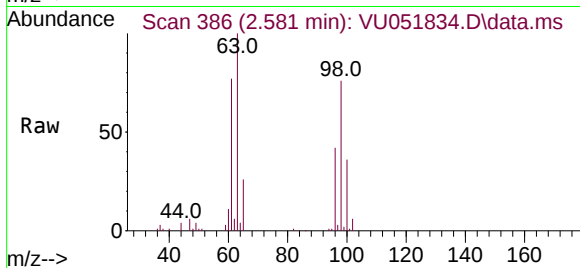
Tgt Ion: 96 Resp: 15828

Ion Ratio Lower Upper

96 100

61 183.8 108.8 202.0

63 237.5 64.9 120.5#



#19

1,1-Dichloroethane

Concen: 0.340 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.006 min

Lab File: VU051834.D

Acq: 14 Nov 2022 15:02

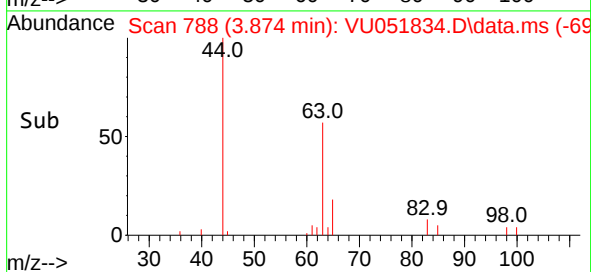
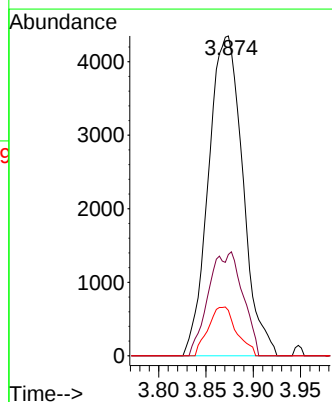
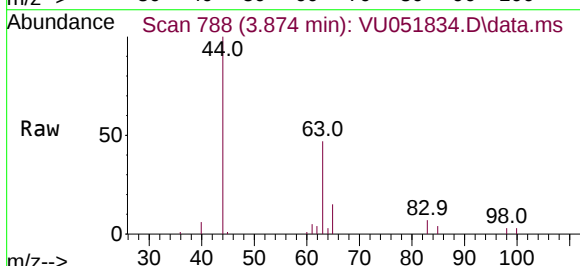
Tgt Ion: 63 Resp: 11003

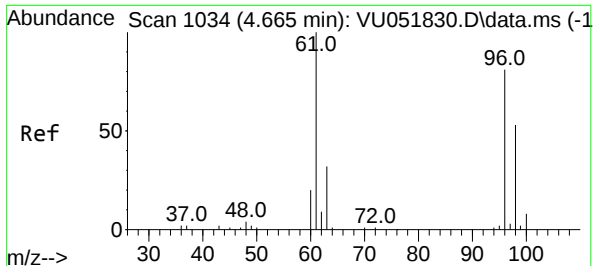
Ion Ratio Lower Upper

63 100

65 31.7 22.7 42.1

83 14.2 9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 1.012 ug/L

RT: 4.668 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051834.D

Acq: 14 Nov 2022 15:02

Instrument :

MSVOA_U

ClientSampleId :

H0AD3

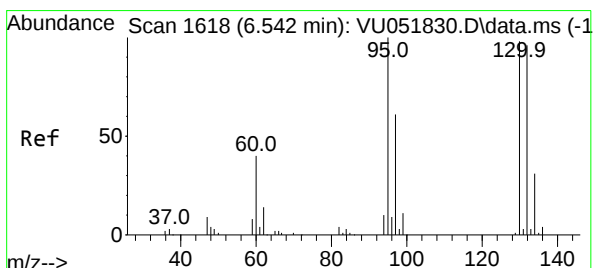
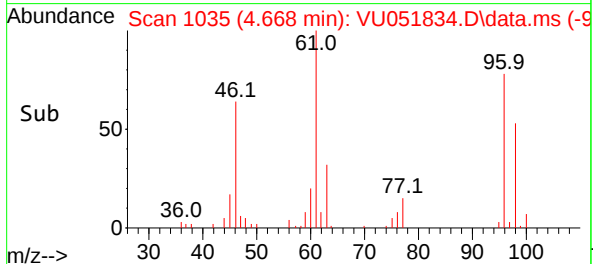
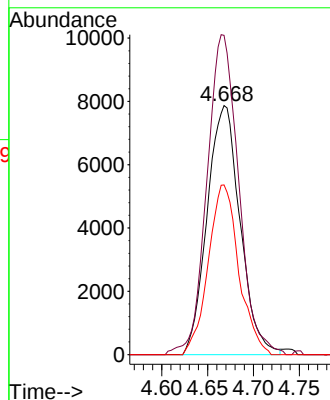
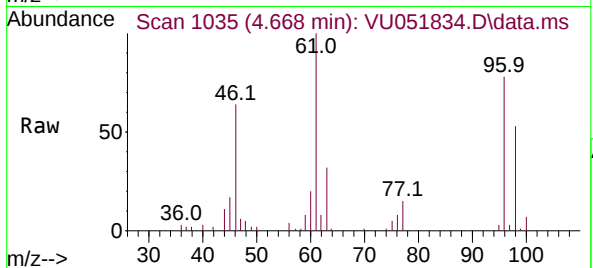
Tgt Ion: 96 Resp: 19644

Ion Ratio Lower Upper

96 100

61 128.2 86.4 160.4

98 68.1 44.2 82.2



#34

Trichloroethene

Concen: 6.310 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051834.D

Acq: 14 Nov 2022 15:02

Tgt Ion: 95 Resp: 118185

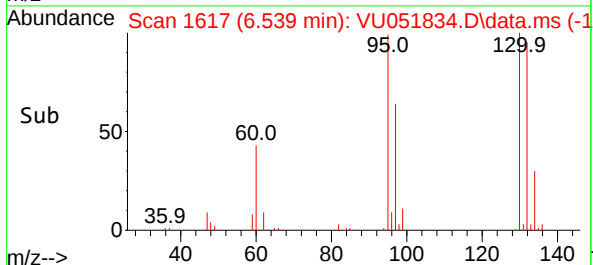
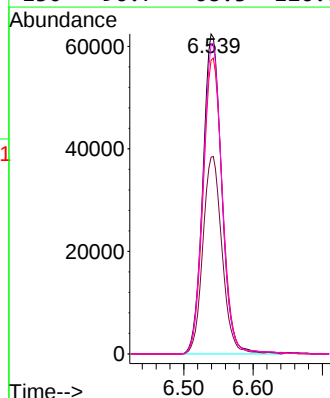
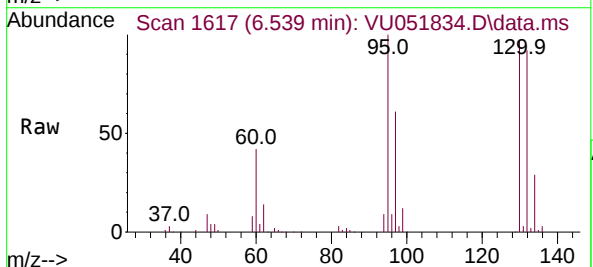
Ion Ratio Lower Upper

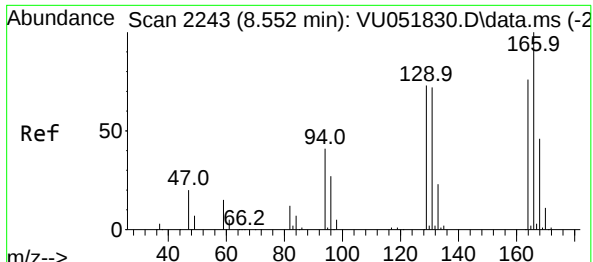
95 100

97 61.5 45.2 84.0

132 91.8 66.5 123.5

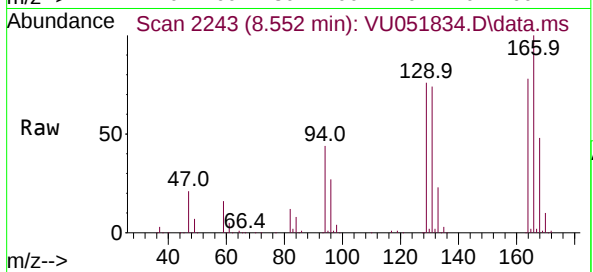
130 96.7 68.3 126.8





#47
 Tetrachloroethene
 Concen: 17.890 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051834.D
 Acq: 14 Nov 2022 15:02

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 MSVOA_U
 ClientSampleId :
 H0AD3



Tgt Ion:164 Resp: 256616

Ion	Ratio	Lower	Upper
164	100		
129	97.5	64.0	118.8
131	94.4	60.7	112.7
166	127.5	86.8	161.2

