

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046919.D
 Acq On : 31 Jan 2022 15:50
 Operator : SY/MD
 Sample : N1328-12 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHN1

Quant Time: Feb 01 00:27:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

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

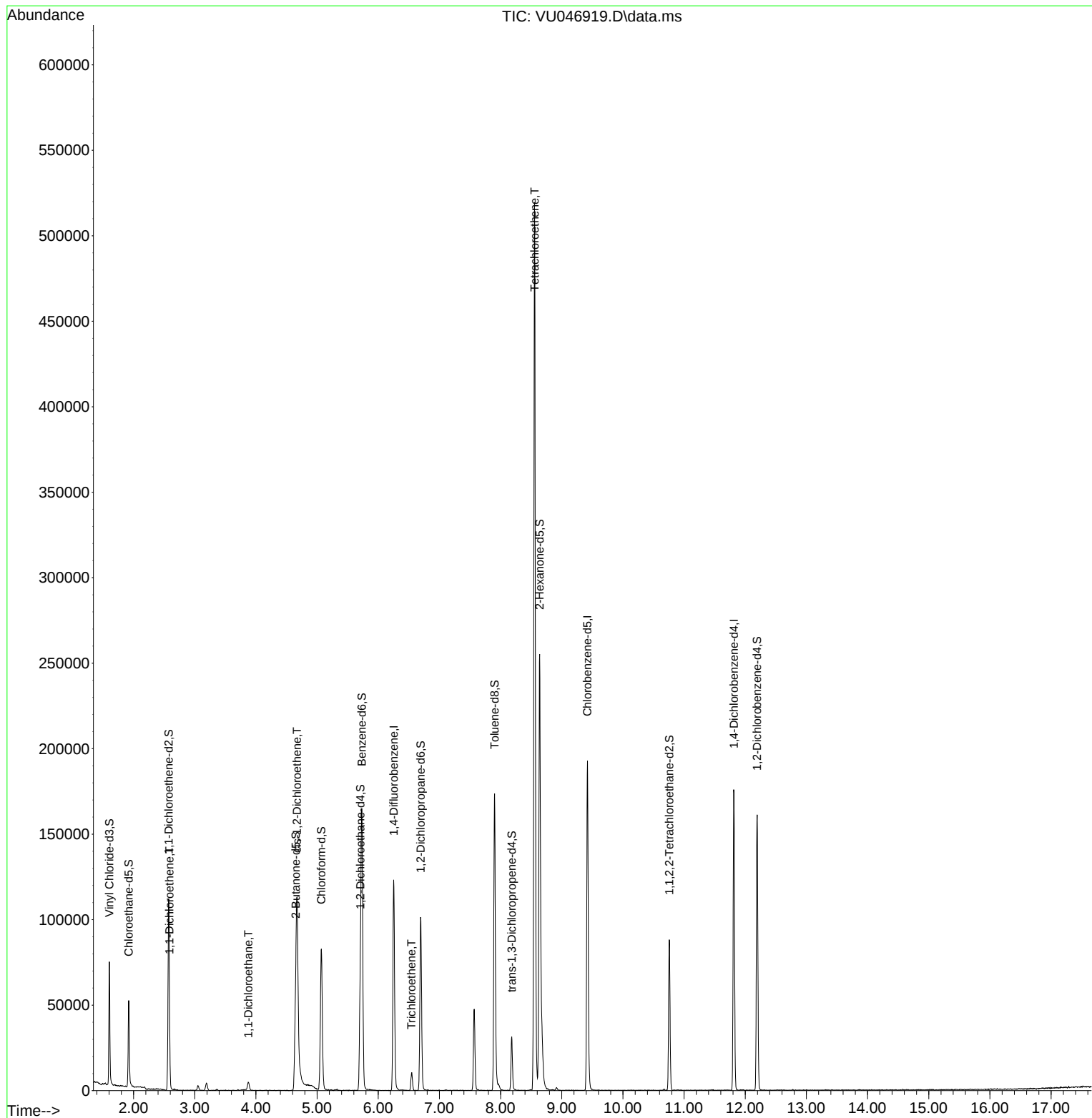
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101365	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	47337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53257	6.200	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.000%
7) Chloroethane-d5	1.919	69	39053	5.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.400%
11) 1,1-Dichloroethene-d2	2.575	65	20756	6.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.400%
20) 2-Butanone-d5	4.652	46	109640	43.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.180%
24) Chloroform-d	5.070	84	77612	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.706	65	44424	5.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.732	84	159755	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.693	67	49618	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.902	98	124516	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.182	79	18341	4.120	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.639	63	108358	41.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46067	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	43711	4.924	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.587	96	1889	0.334	ug/L	# 1
19) 1,1-Dichloroethane	3.877	63	6190	0.601	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	41734	6.453	ug/L	99
34) Trichloroethene	6.542	95	3820	0.544	ug/L	92
47) Tetrachloroethene	8.555	164	115317	20.194	ug/L	97

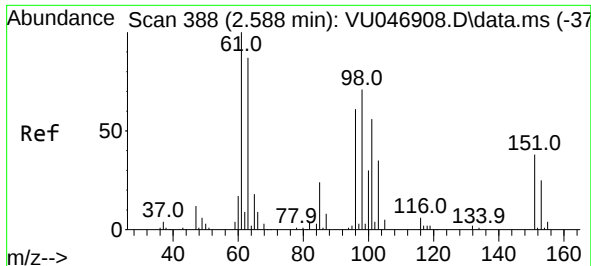
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.334 ug/L

RT: 2.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046919.D

Acq: 31 Jan 2022 15:50

Instrument :

MSVOA_U

ClientSampleId :

COHN1

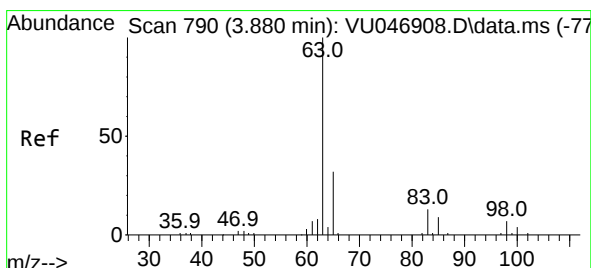
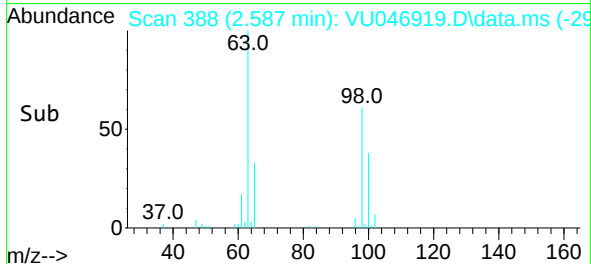
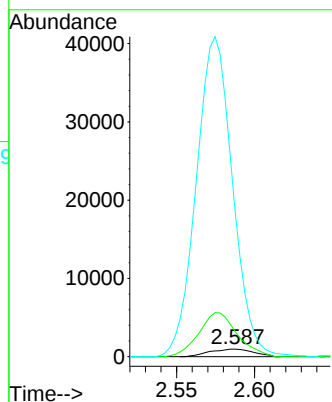
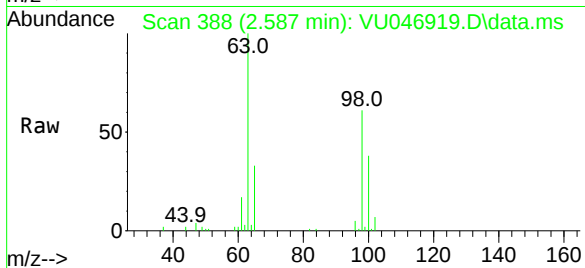
Tgt Ion: 96 Resp: 1889

Ion Ratio Lower Upper

96 100

61 334.7 124.7 231.5#

63 1937.6 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.601 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU046919.D

Acq: 31 Jan 2022 15:50

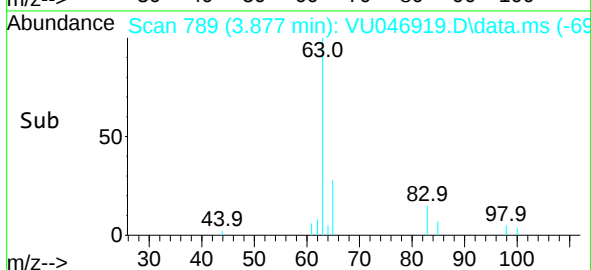
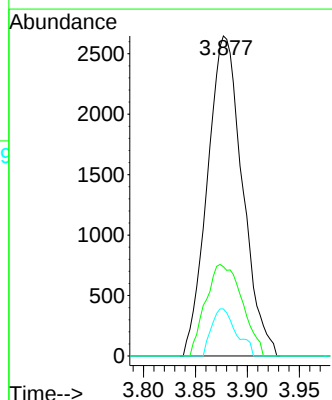
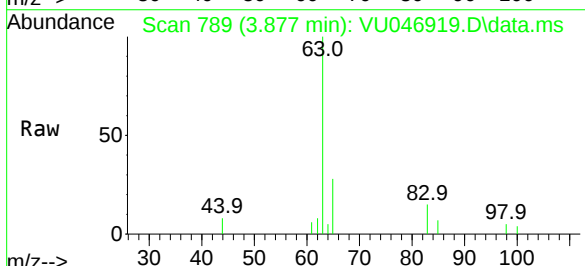
Tgt Ion: 63 Resp: 6190

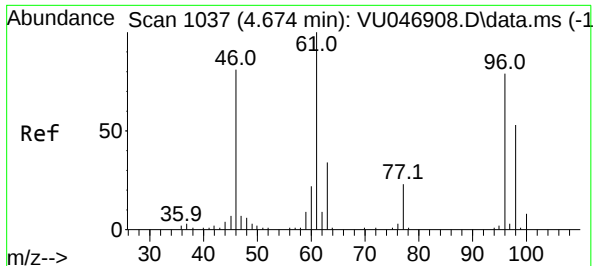
Ion Ratio Lower Upper

63 100

65 27.9 22.3 41.5

83 14.7 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 6.453 ug/L

RT: 4.671 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU046919.D

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Instrument :

MSVOA_U

ClientSampleId :

COHN1

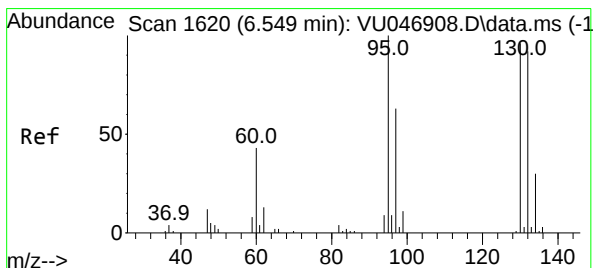
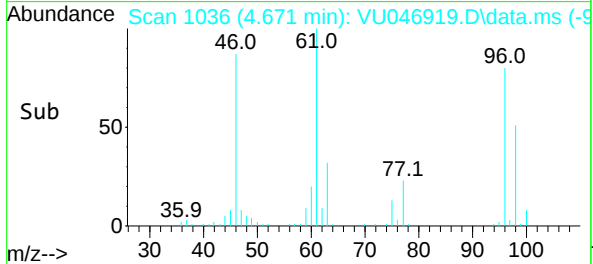
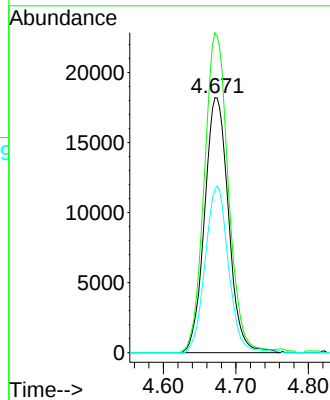
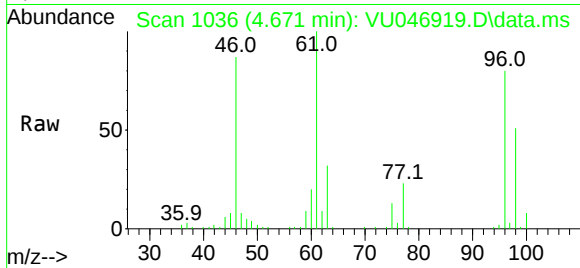
Tgt Ion: 96 Resp: 41734

Ion Ratio Lower Upper

96 100

61 125.4 88.5 164.3

98 64.1 44.4 82.5



#34

Trichloroethene

Concen: 0.544 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.007 min

Lab File: VU046919.D

Acq: 31 Jan 2022 15:50

Tgt Ion: 95 Resp: 3820

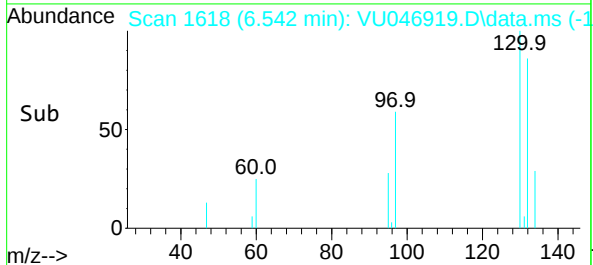
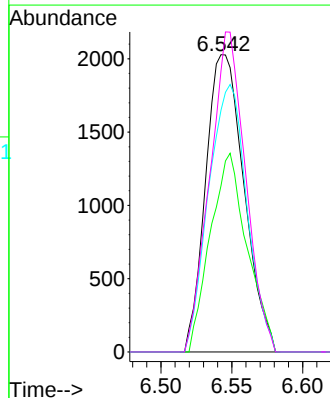
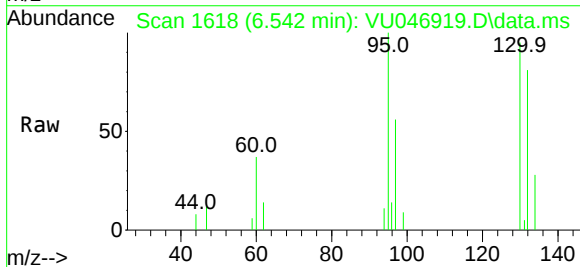
Ion Ratio Lower Upper

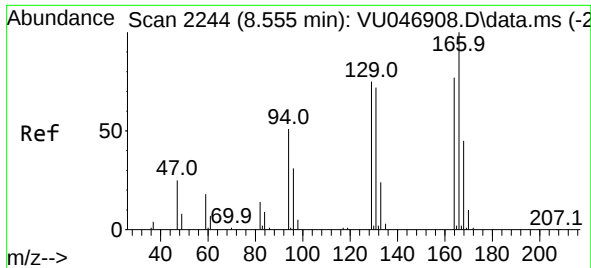
95 100

97 55.9 46.5 86.5

132 81.3 65.1 120.9

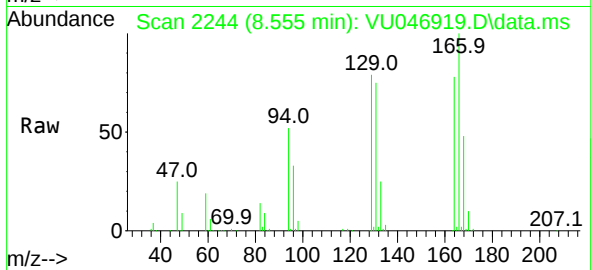
130 94.6 67.3 124.9





#47
 Tetrachloroethene
 Concen: 20.194 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046919.D
 Acq: 31 Jan 2022 15:50

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 MSVOA_U
 ClientSampleId :
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Tgt Ion:	164	Resp:	115317
Ion	Ratio	Lower	Upper
164	100		
129	101.0	71.8	133.4
131	96.9	68.5	127.3
166	128.5	94.1	174.8

