

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046913.D
 Acq On : 31 Jan 2022 13:24
 Operator : SY/MD
 Sample : N1328-05 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHM4

Quant Time: Feb 01 00:25:30 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)

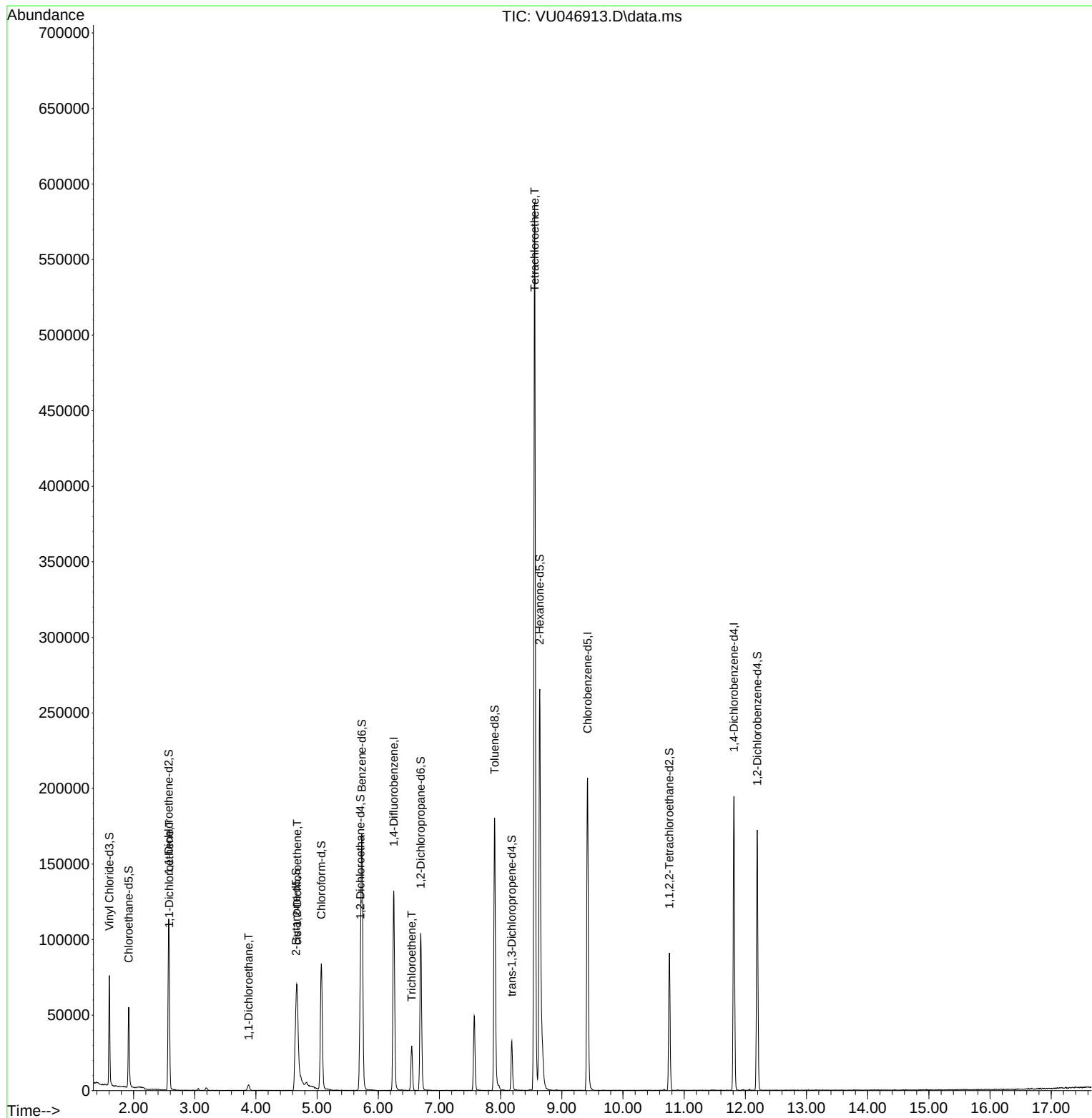
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	110806	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	124013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	51701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54625	5.818	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.400%
7) Chloroethane-d5	1.919	69	41420	5.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.000%
11) 1,1-Dichloroethene-d2	2.575	65	21366	5.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.400%
20) 2-Butanone-d5	4.655	46	112962	40.611	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.220%
24) Chloroform-d	5.070	84	81293	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.707	65	44848	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.732	84	165119	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.694	67	51147	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.900	98	129554	3.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.183	79	19587	4.076	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.639	63	115274	40.509	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46752	4.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	45352	4.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
12) 1,1-Dichloroethene	2.585	96	2279	0.368	ug/L	# 1
19) 1,1-Dichloroethane	3.880	63	4231	0.376	ug/L	94
22) cis-1,2-Dichloroethene	4.675	96	18757	2.653	ug/L	96
34) Trichloroethene	6.546	95	10023	1.322	ug/L	95
47) Tetrachloroethene	8.556	164	130589	21.181	ug/L	98

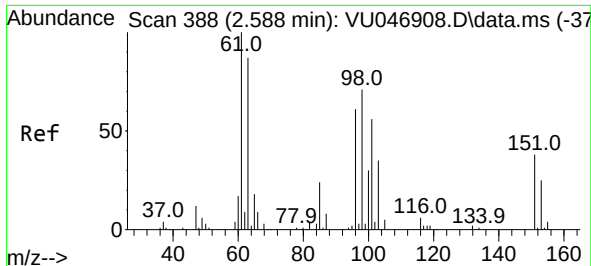
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.368 ug/L

RT: 2.585 min Scan# 3

Delta R.T. -0.003 min

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Instrument :

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ClientSampleId :

COHM4

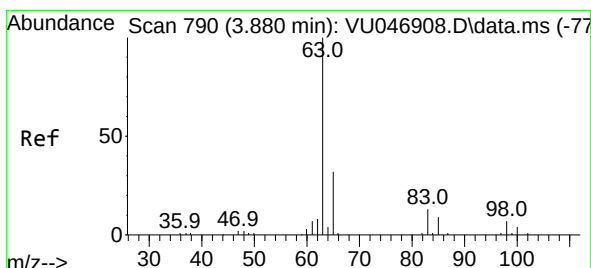
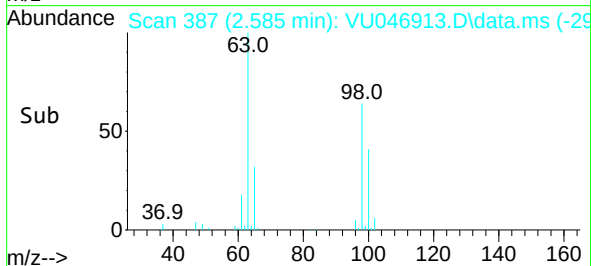
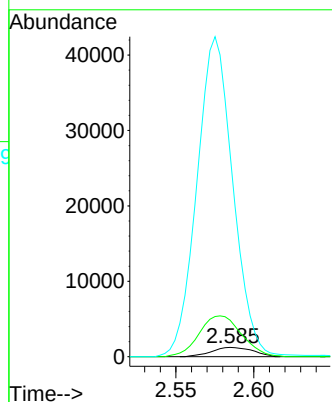
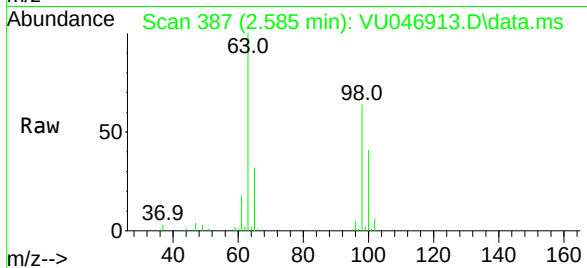
Tgt Ion: 96 Resp: 2279

Ion Ratio Lower Upper

96 100

61 395.6 124.7 231.5#

63 2205.4 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.376 ug/L

RT: 3.880 min Scan# 790

Delta R.T. 0.000 min

Lab File: VU046913.D

Acq: 31 Jan 2022 13:24

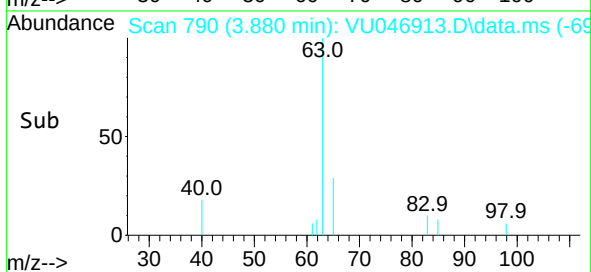
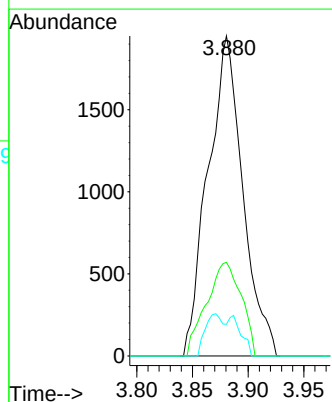
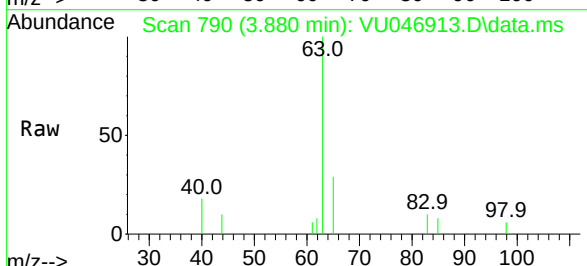
Tgt Ion: 63 Resp: 4231

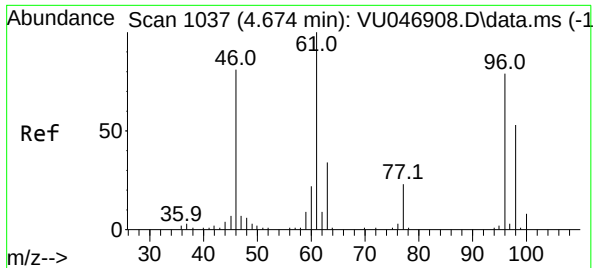
Ion Ratio Lower Upper

63 100

65 29.2 22.3 41.5

83 9.9 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 2.653 ug/L

RT: 4.675 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046913.D

Acq: 31 Jan 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :

COHM4

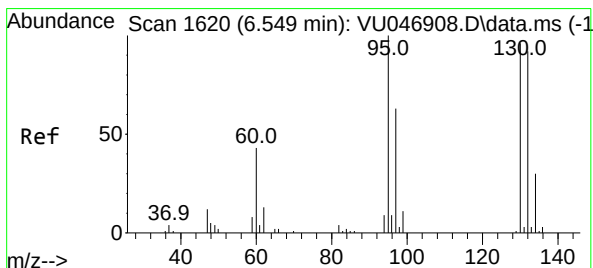
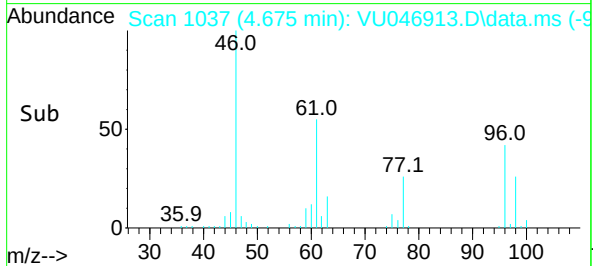
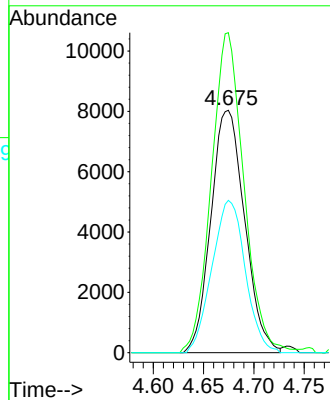
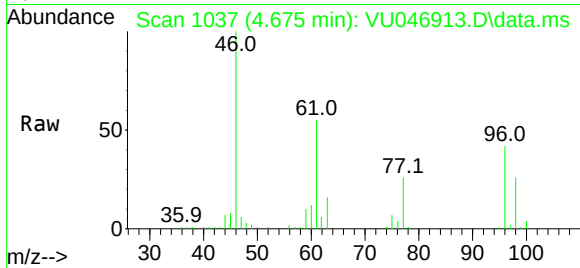
Tgt Ion: 96 Resp: 18757

Ion Ratio Lower Upper

96 100

61 132.0 88.5 164.3

98 62.8 44.4 82.5



#34

Trichloroethene

Concen: 1.322 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU046913.D

Acq: 31 Jan 2022 13:24

Tgt Ion: 95 Resp: 10023

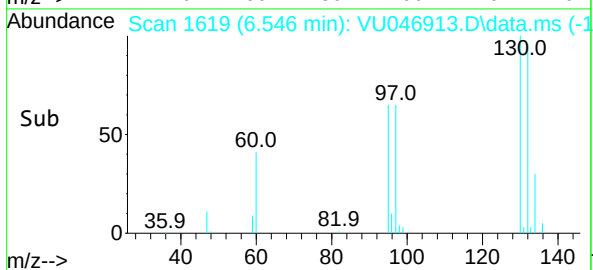
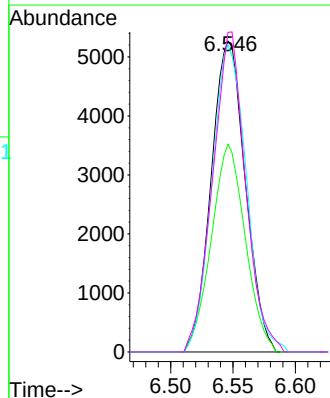
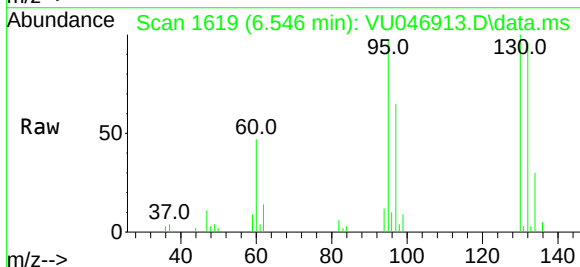
Ion Ratio Lower Upper

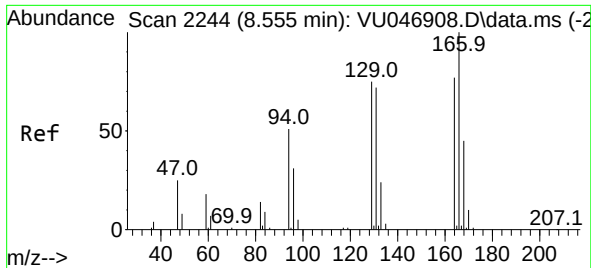
95 100

97 66.8 46.5 86.5

132 98.9 65.1 120.9

130 102.8 67.3 124.9





#47

Tetrachloroethene

Concen: 21.181 ug/L

RT: 8.556 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046913.D

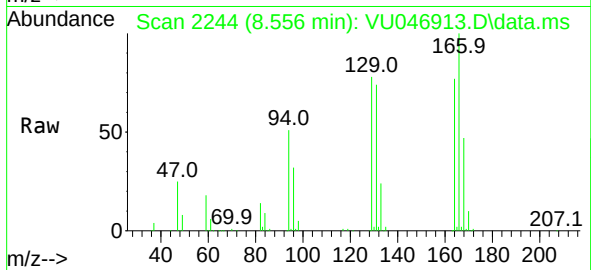
Acq: 31 Jan 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :

C0HM4



Tgt Ion:164 Resp: 130589

Ion Ratio Lower Upper

164 100

129 102.0 71.8 133.4

131 96.6 68.5 127.3

166 130.0 94.1 174.8

