

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047116.D
 Acq On : 11 Feb 2022 15:38
 Operator : SY/MD
 Sample : N1462-04DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M31DL

Quant Time: Feb 12 01:28:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

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

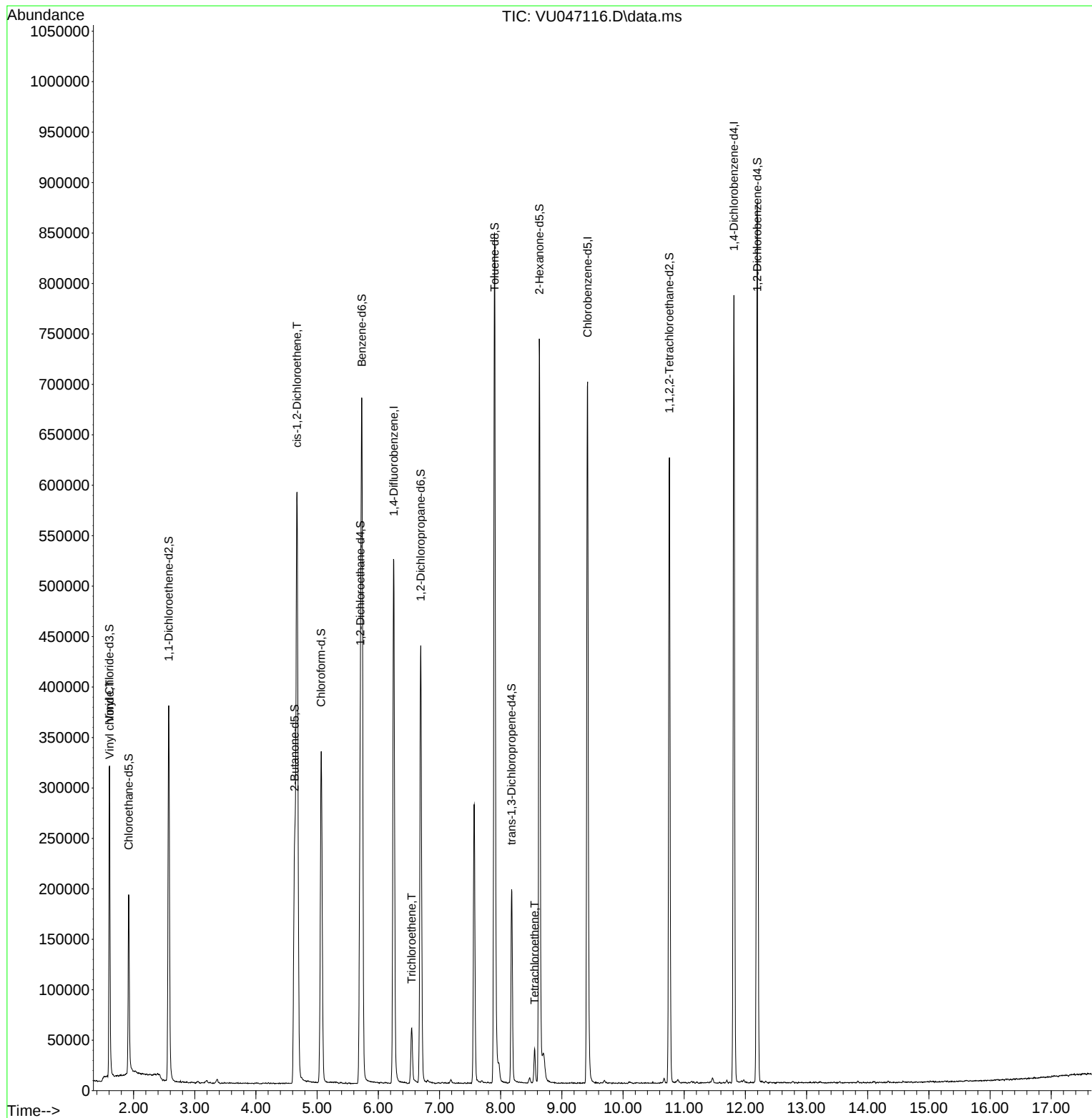
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	442493	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	409347	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	211119	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	165749	41.244	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.480%		
7) Chloroethane-d5	1.919	69	136113	45.689	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.380%		
11) 1,1-Dichloroethene-d2	2.575	63	221697	33.289	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.580%		
21) 2-Butanone-d5	4.633	46	370833	118.980	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.980%		
24) Chloroform-d	5.067	84	299594	45.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.840%		
26) 1,2-Dichloroethane-d4	5.707	65	202659	48.396	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.800%		
32) Benzene-d6	5.732	84	635974	46.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.460%		
36) 1,2-Dichloropropane-d6	6.694	67	213791	48.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.880%		
41) Toluene-d8	7.899	98	597717	46.129	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.260%		
43) trans-1,3-Dichloroprop...	8.179	79	108189	46.778	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.560%		
47) 2-Hexanone-d5	8.633	63	272733	107.869	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.870%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	313972	48.790	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.580%		
66) 1,2-Dichlorobenzene-d4	12.195	152	234348	46.804	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	78919	19.195	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	289996	86.724	ug/L	95
34) Trichloroethene	6.546	95	17756	5.354	ug/L	95
46) Tetrachloroethene	8.555	164	7805	2.925	ug/L	93

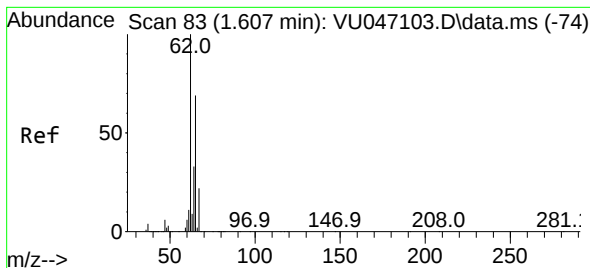
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 19.195 ug/L

RT: 1.610 min Scan# 84

Delta R.T. 0.003 min

Lab File: VU047116.D

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Instrument :

MSVOA_U

ClientSampleId :

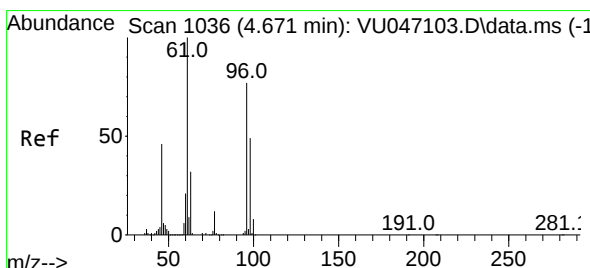
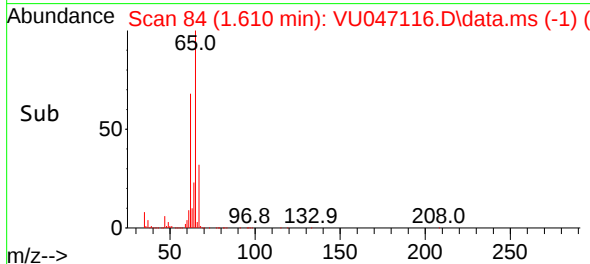
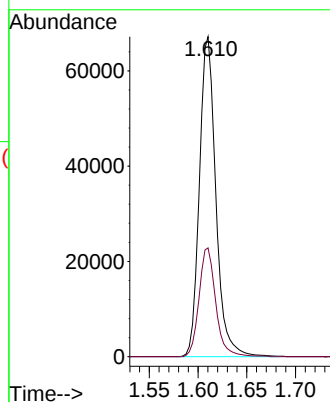
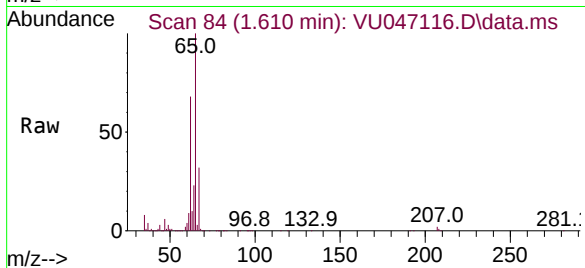
F4M31DL

Tgt Ion: 62 Resp: 78919

Ion Ratio Lower Upper

62 100

64 34.0 23.1 42.9



#20

cis-1,2-Dichloroethene

Concen: 86.724 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

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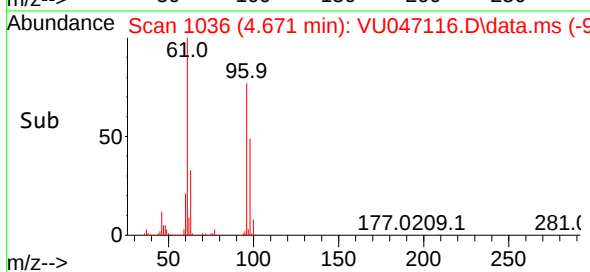
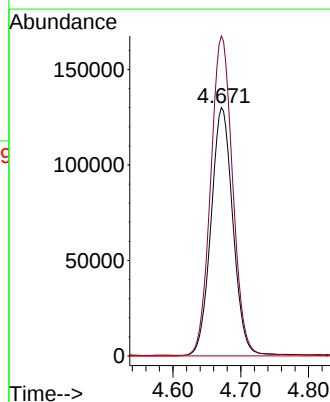
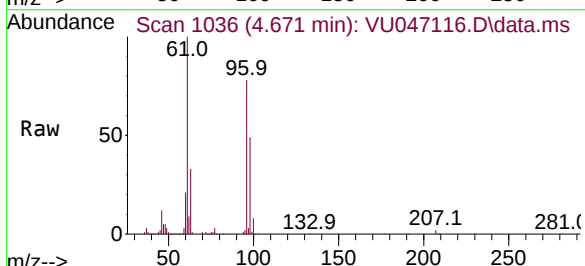
Tgt Ion: 96 Resp: 289996

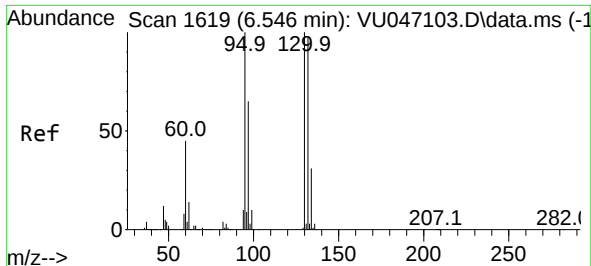
Ion Ratio Lower Upper

96 100

61 128.9 86.0 159.6

68 0.0 0.0 0.0

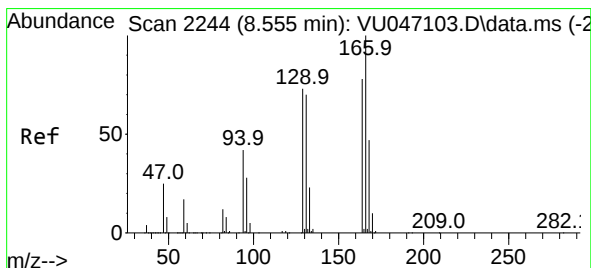
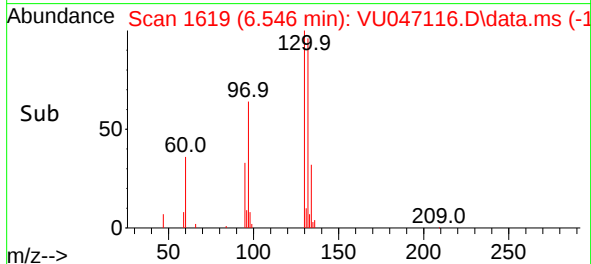
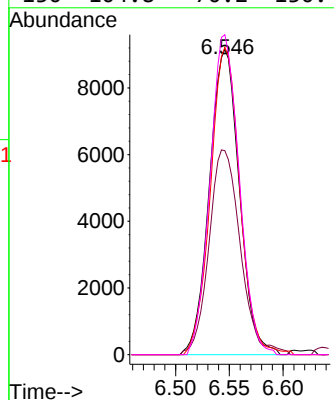
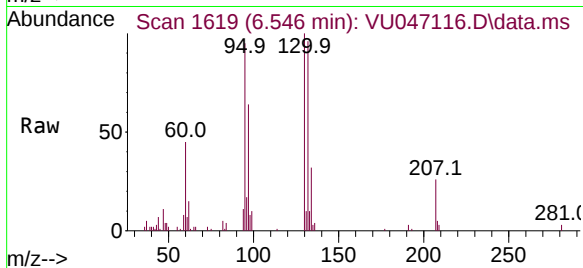




#34
 Trichloroethene
 Concen: 5.354 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. 0.000 min
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Tgt Ion:	95	Resp:	17756
Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.1	83.7
132	100.6	66.7	123.9
130	104.8	70.2	130.4



#46
 Tetrachloroethene
 Concen: 2.925 ug/L
 RT: 8.555 min Scan# 2244
 Delta R.T. 0.000 min
 Lab File: VU047116.D
 Acq: 11 Feb 2022 15:38

Tgt Ion:	164	Resp:	7805
Ion	Ratio	Lower	Upper
164	100		
129	91.9	69.5	129.1
131	84.6	67.0	124.4
166	125.6	90.6	168.2

