

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047089.D
 Acq On : 10 Feb 2022 21:22
 Operator : SY/MD
 Sample : N1462-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M37

Quant Time: Feb 11 01:16:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 11 01:13:45 2022
 Response via : Initial Calibration

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

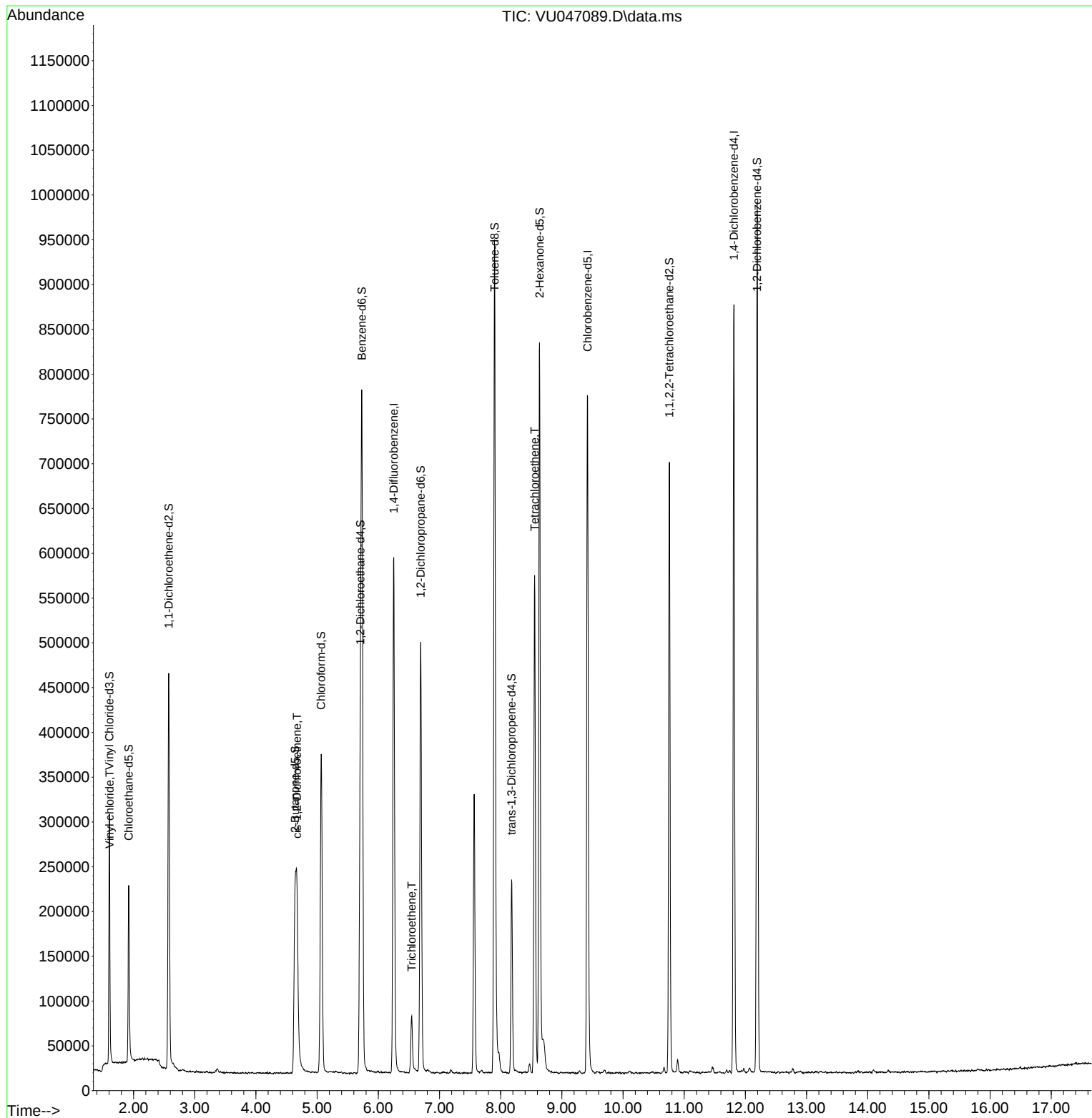
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	490218	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	457699	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	232351	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	201934	45.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.720%
7) Chloroethane-d5	1.919	69	154211	46.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.440%
11) 1,1-Dichloroethene-d2	2.575	63	265311	35.960	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.920%
21) 2-Butanone-d5	4.642	46	421764	122.147	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.150%
24) Chloroform-d	5.067	84	331341	45.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.680%
26) 1,2-Dichloroethane-d4	5.707	65	222333	47.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
32) Benzene-d6	5.732	84	721703	47.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
36) 1,2-Dichloropropane-d6	6.694	67	234267	47.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.940%
41) Toluene-d8	7.899	98	683776	47.196	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.179	79	121628	47.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.060%
47) 2-Hexanone-d5	8.636	63	308635	109.173	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.170%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	342449	47.593	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.180%
66) 1,2-Dichlorobenzene-d4	12.192	152	264222	47.948	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.900%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	5666	1.244	ug/L #	44
20) cis-1,2-Dichloroethene	4.671	96	61560	16.617	ug/L #	95
34) Trichloroethene	6.546	95	20460	5.517	ug/L	99
46) Tetrachloroethene	8.555	164	133412	44.723	ug/L	97

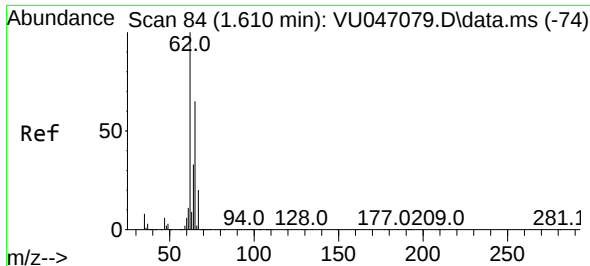
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 11 01:13:45 2022
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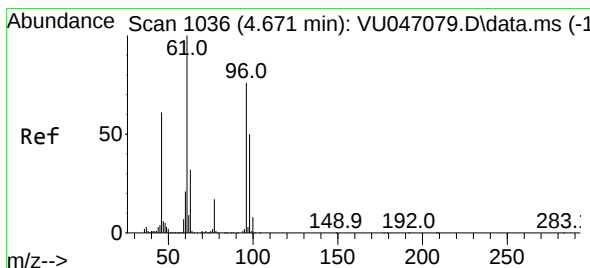
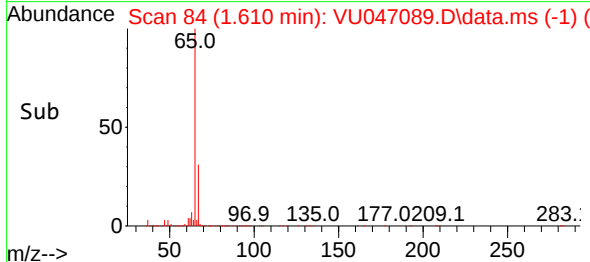
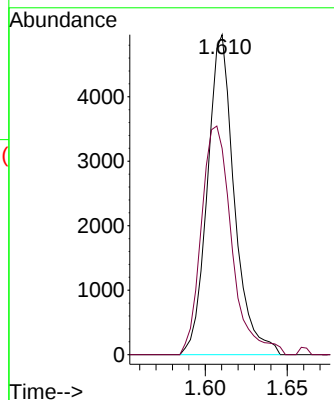
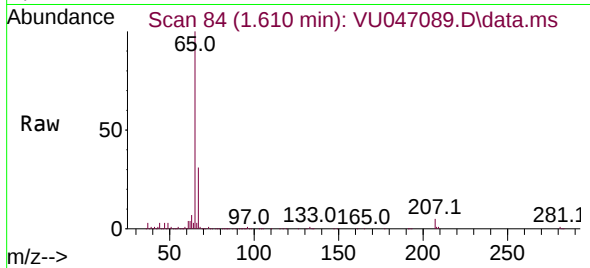




#5
 Vinyl chloride
 Concen: 1.244 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU047089.D
 Acq: 10 Feb 2022 21:22

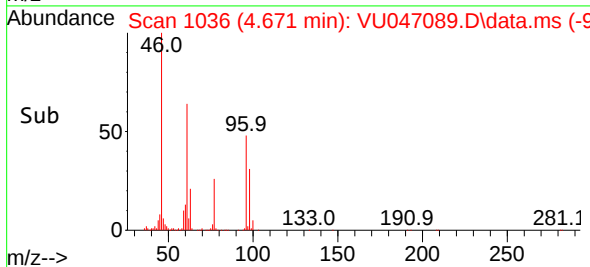
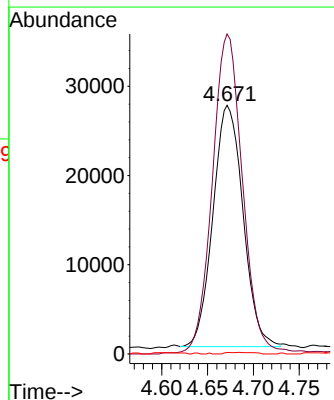
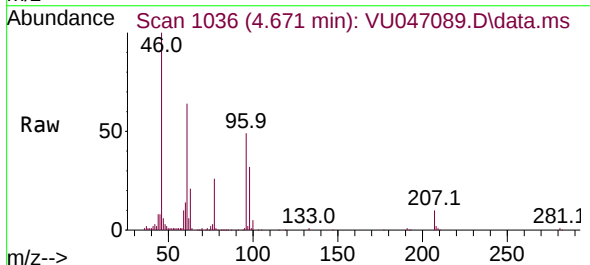
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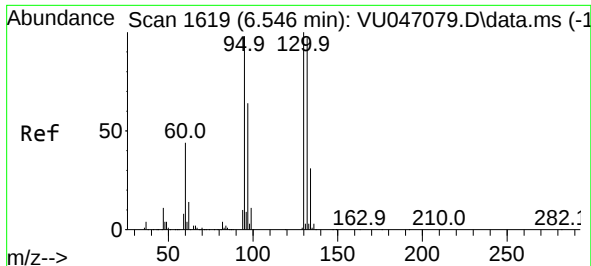
Tgt Ion: 62 Resp: 5666
 Ion Ratio Lower Upper
 62 100
 64 64.5 23.1 42.9#



#20
 cis-1,2-Dichloroethene
 Concen: 16.617 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047089.D
 Acq: 10 Feb 2022 21:22

Tgt Ion: 96 Resp: 61560
 Ion Ratio Lower Upper
 96 100
 61 128.7 86.0 159.6
 68 0.6 0.0 0.0#

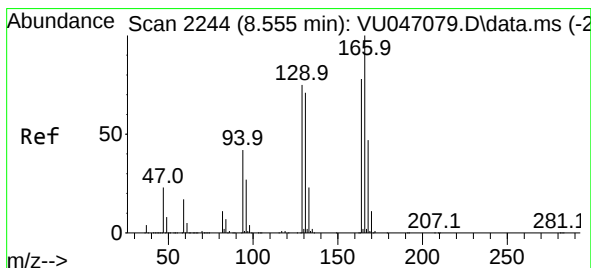
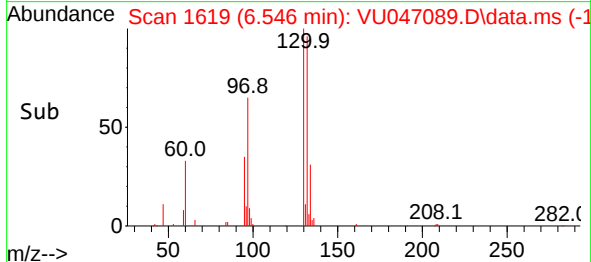
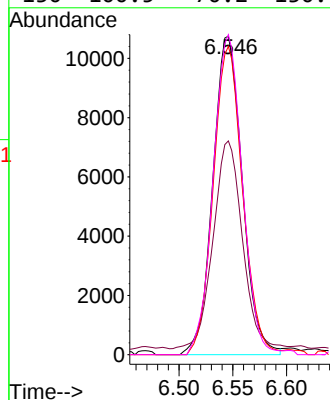
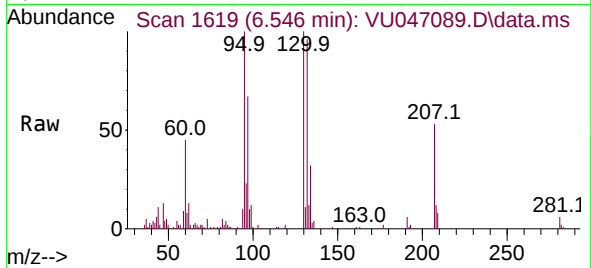




#34
Trichloroethene
Concen: 5.517 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047089.D
Acq: 10 Feb 2022 21:22

Instrument :
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Tgt Ion:	95	Resp:	20460
Ion	Ratio	Lower	Upper
95	100		
97	67.1	45.1	83.7
132	96.8	66.7	123.9
130	100.5	70.2	130.4



#46
Tetrachloroethene
Concen: 44.723 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047089.D
Acq: 10 Feb 2022 21:22

Tgt Ion:	164	Resp:	133412
Ion	Ratio	Lower	Upper
164	100		
129	96.0	69.5	129.1
131	92.3	67.0	124.4
166	128.0	90.6	168.2

