

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047184.D
 Acq On : 17 Feb 2022 02:28
 Operator : SY/MD
 Sample : N1559-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M65

Quant Time: Feb 17 04:53:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

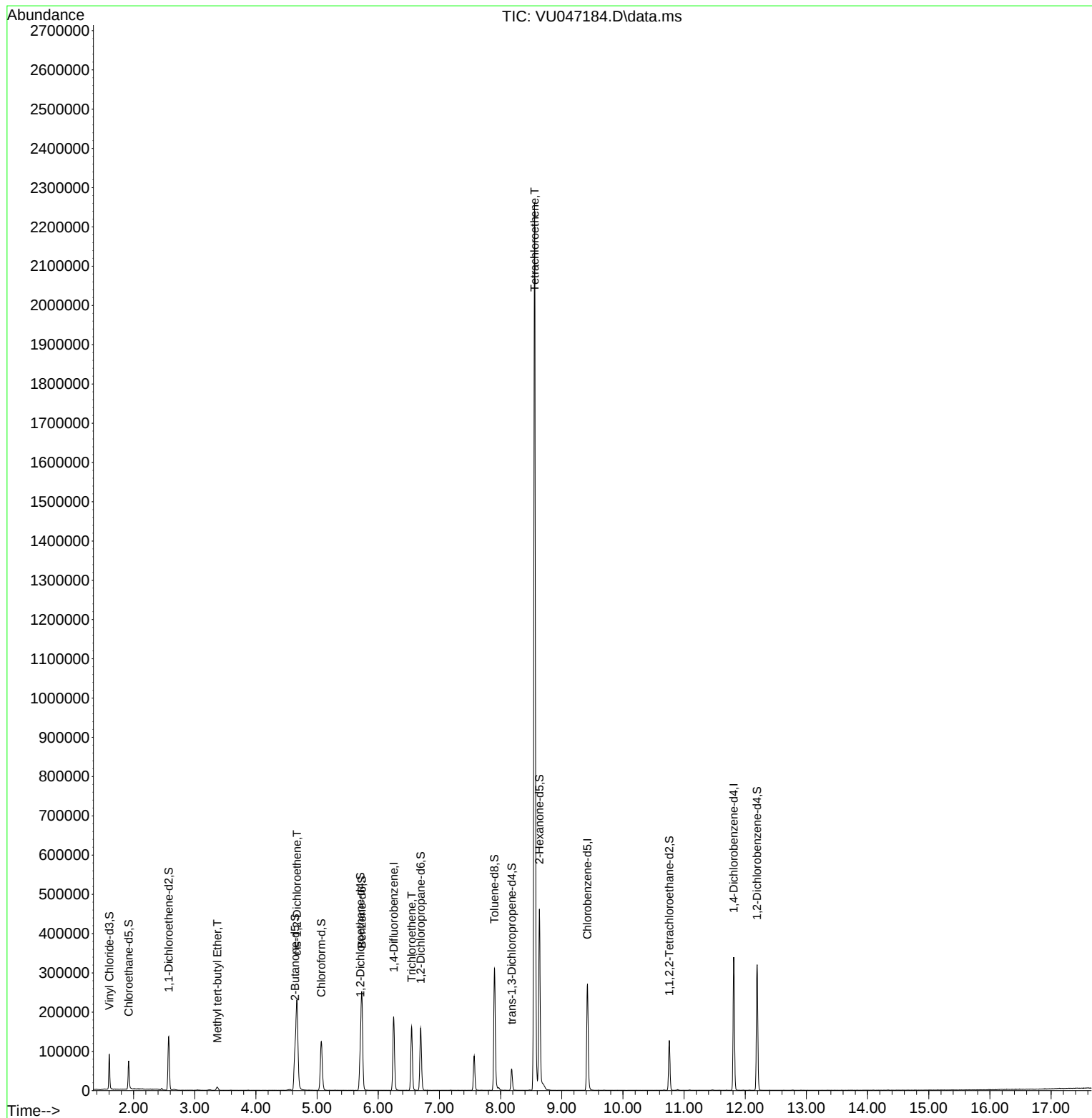
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	160569	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	164831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91358	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	64822	4.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.919	69	53833	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.575	65	25564	4.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.639	46	189149	58.355	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.700%
24) Chloroform-d	5.070	84	113850	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.707	65	63743	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.732	84	235925	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.694	67	75416	5.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.899	98	219220	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.182	79	30178	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.636	63	165552	47.329	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	62522	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	86289	5.264	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.369	73	8043	0.279	ug/L	# 91
22) cis-1,2-Dichloroethene	4.671	96	101755	8.187	ug/L	98
34) Trichloroethene	6.546	95	54269	4.344	ug/L	96
47) Tetrachloroethene	8.555	164	529223	52.202	ug/L	93

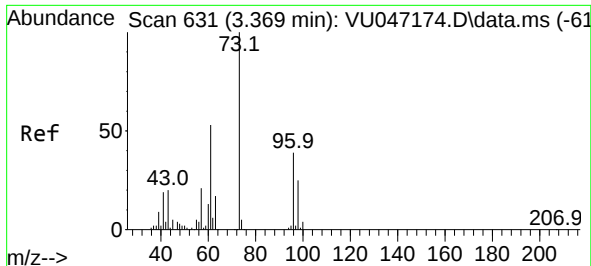
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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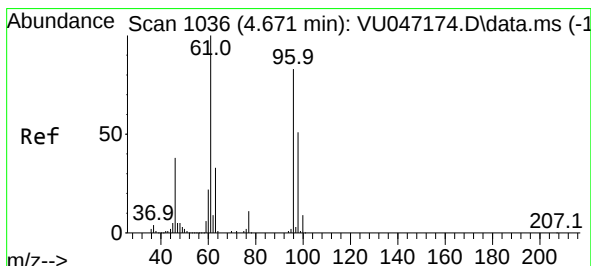
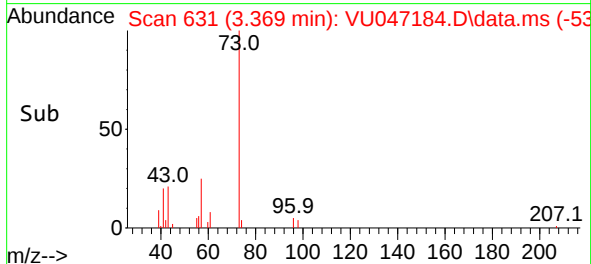
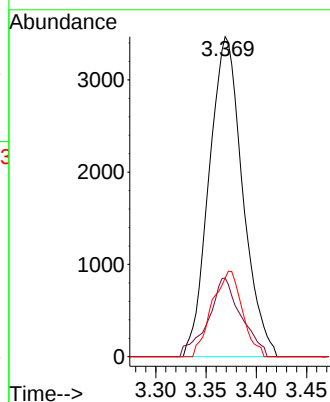
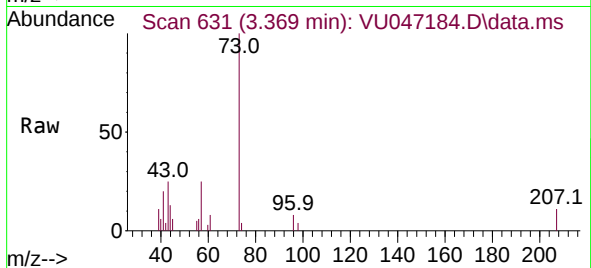




#17
Methyl tert-butyl Ether
Concen: 0.279 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047184.D
Acq: 17 Feb 2022 02:28

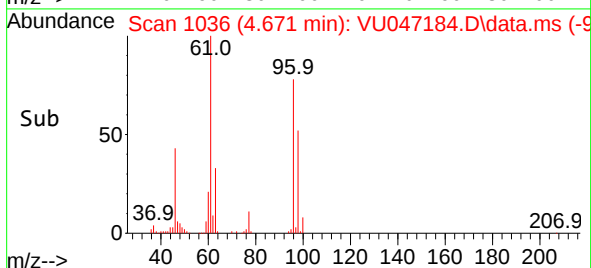
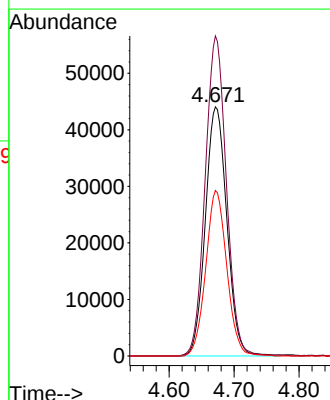
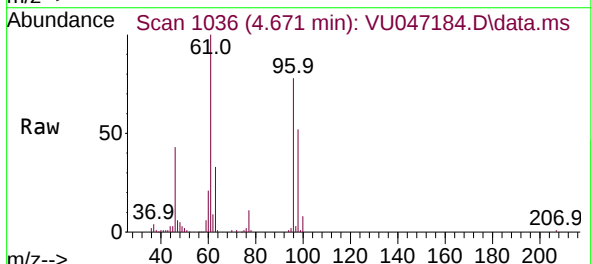
Instrument :
MSVOA_U
ClientSampleId :
F4M65

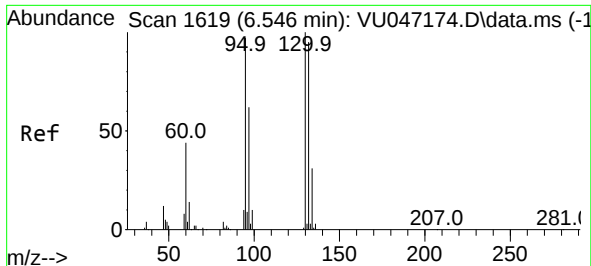
Tgt Ion: 73 Resp: 8043
Ion Ratio Lower Upper
73 100
43 24.2 14.8 22.2#
57 24.1 17.4 26.0



#22
cis-1,2-Dichloroethene
Concen: 8.187 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU047184.D
Acq: 17 Feb 2022 02:28

Tgt Ion: 96 Resp: 101755
Ion Ratio Lower Upper
96 100
61 128.4 88.5 164.3
98 66.4 44.4 82.5



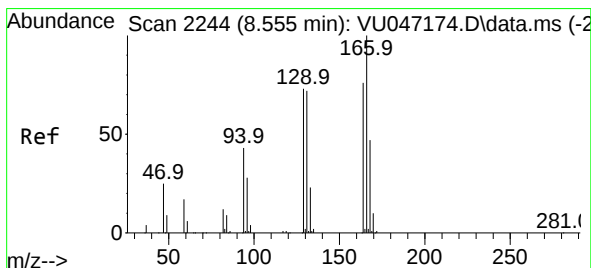
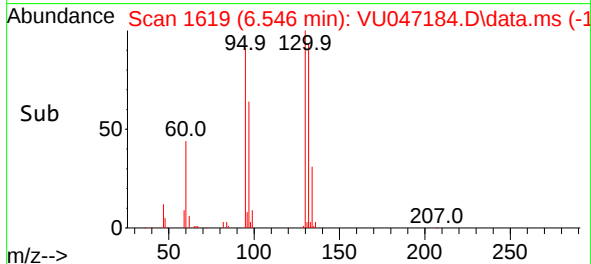
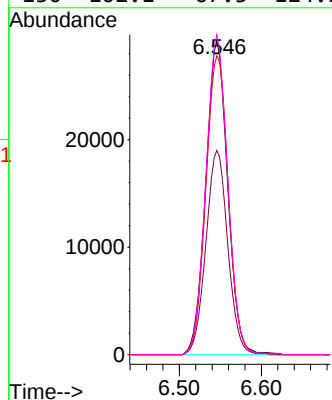
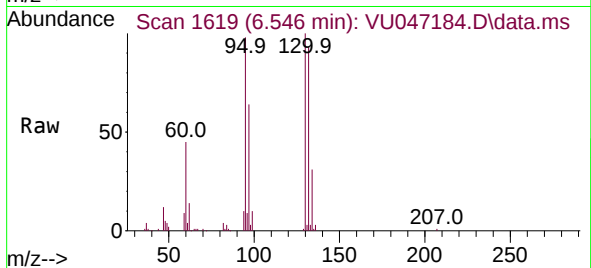


#34
Trichloroethene
Concen: 4.344 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047184.D
Acq: 17 Feb 2022 02:28

Instrument :
MSVOA_U
ClientSampleId :
F4M65

Tgt Ion: 95 Resp: 54269

Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.5	86.5
132	95.3	65.1	120.9
130	102.1	67.3	124.9



#47
Tetrachloroethene
Concen: 52.202 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047184.D
Acq: 17 Feb 2022 02:28

Tgt Ion: 164 Resp: 529223

Ion	Ratio	Lower	Upper
164	100		
129	94.8	71.8	133.4
131	91.4	68.5	127.3
166	127.7	94.1	174.8

