

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045861.D
 Acq On : 18 Nov 2021 11:55
 Operator : SY/MD
 Sample : M4686-14DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG202DL

Quant Time: Nov 19 00:52:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

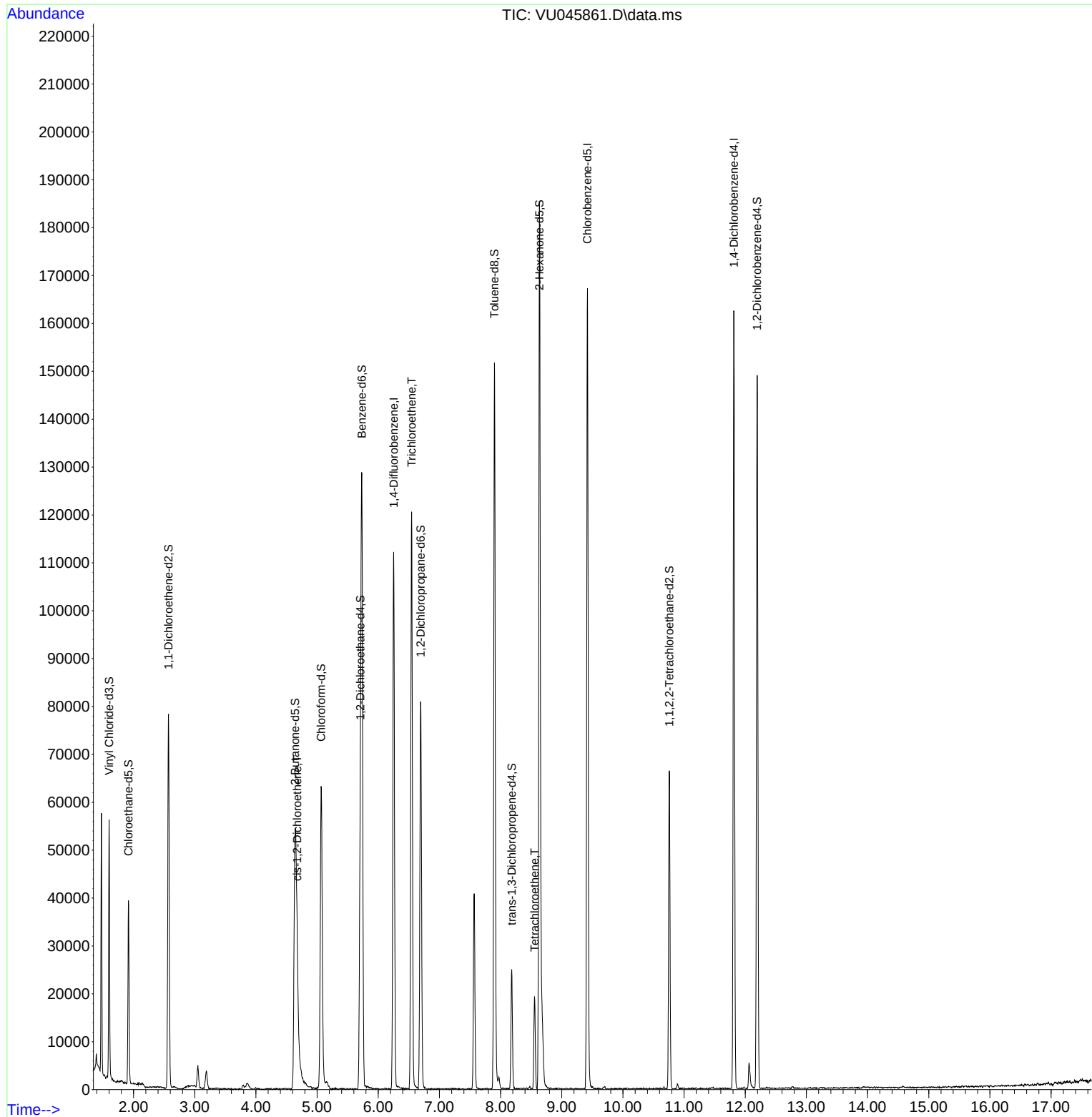
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89580	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93553	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	42651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36581	5.154	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.000%		
7) Chloroethane-d5	1.916	69	27708	5.363	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.200%		
11) 1,1-Dichloroethene-d2	2.572	65	15102	5.073	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.400%		
20) 2-Butanone-d5	4.642	46	96951	50.974	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 101.940%		
24) Chloroform-d	5.067	84	58287	4.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.600%		
26) 1,2-Dichloroethane-d4	5.706	65	34212	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.600%		
32) Benzene-d6	5.732	84	121296	4.708	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.200%		
36) 1,2-Dichloropropane-d6	6.694	67	38518	4.744	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 94.800%		
41) Toluene-d8	7.899	98	100785	4.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 86.400%		
43) trans-1,3-Dichloroprop...	8.182	79	14301	4.339	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 86.800%		
46) 2-Hexanone-d5	8.636	63	64027	43.157	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 86.320%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32539	4.744	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 94.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	38196	5.216	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.400%		
Target Compounds						
22) cis-1,2-Dichloroethene	4.674	96	5094	0.790	ug/L	93
34) Trichloroethene	6.546	95	41733	6.203	ug/L	97
47) Tetrachloroethene	8.555	164	4256	0.904	ug/L	99

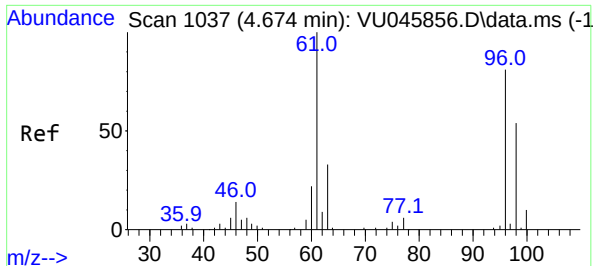
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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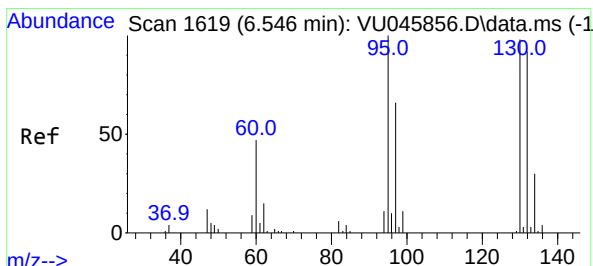
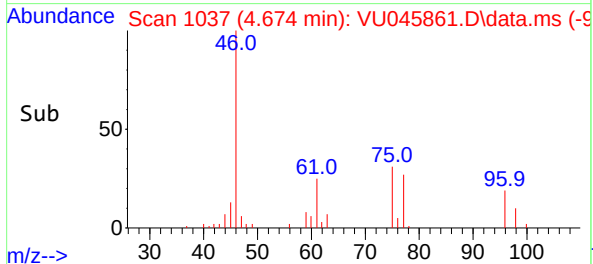
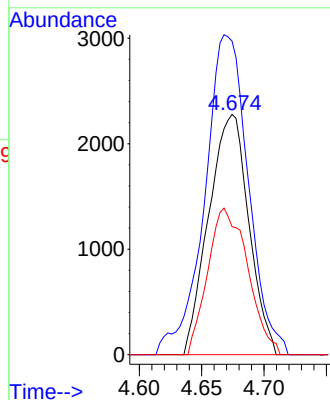
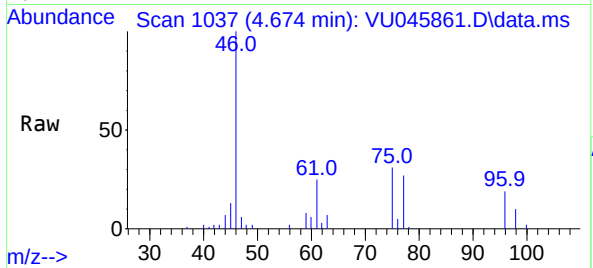




#22
cis-1,2-Dichloroethene
Concen: 0.790 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU045861.D
Acq: 18 Nov 2021 11:55

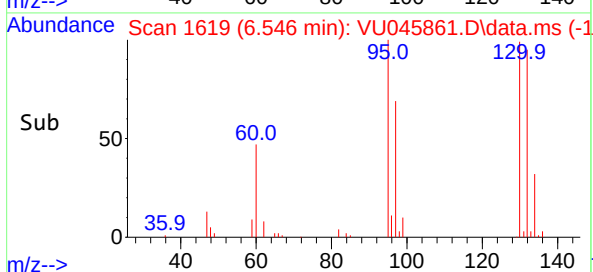
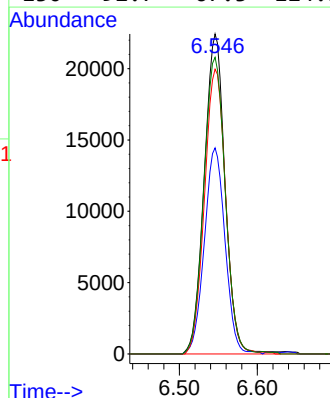
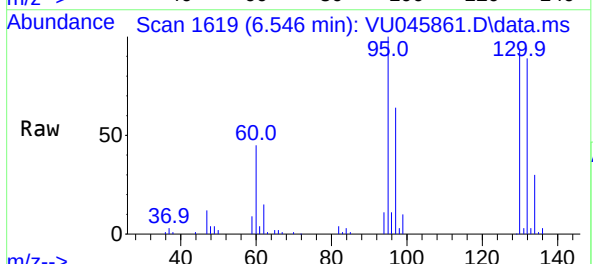
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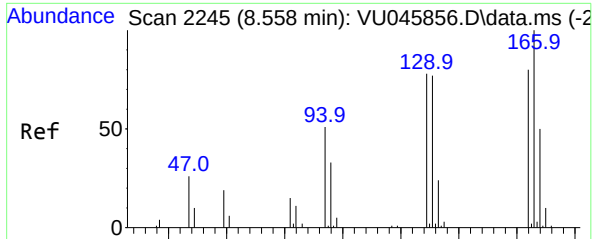
Tgt Ion: 96	Resp: 5094		
Ion Ratio	Lower	Upper	
96	100		
61	130.6	88.5	164.3
98	53.3	44.4	82.5



#34
Trichloroethene
Concen: 6.203 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045861.D
Acq: 18 Nov 2021 11:55

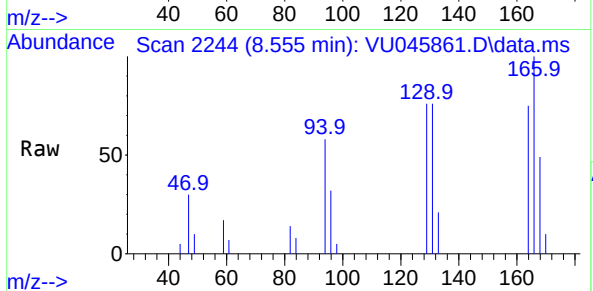
Tgt Ion: 95	Resp: 41733
Ion Ratio	Lower Upper
95 100	
97 64.4	46.5 86.5
132 89.0	65.1 120.9
130 92.7	67.3 124.9





#47
Tetrachloroethene
Concen: 0.904 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045861.D
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Tgt Ion:164 Resp: 4256

Ion	Ratio	Lower	Upper
164	100		
129	102.1	71.8	133.4
131	101.6	68.5	127.3
166	133.9	94.1	174.8

