

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046310.D
 Acq On : 13 Dec 2021 13:15
 Operator : SY/MD
 Sample : M4971-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3F4

Quant Time: Dec 14 02:34:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 13 13:51:57 2021
 Response via : Initial Calibration

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

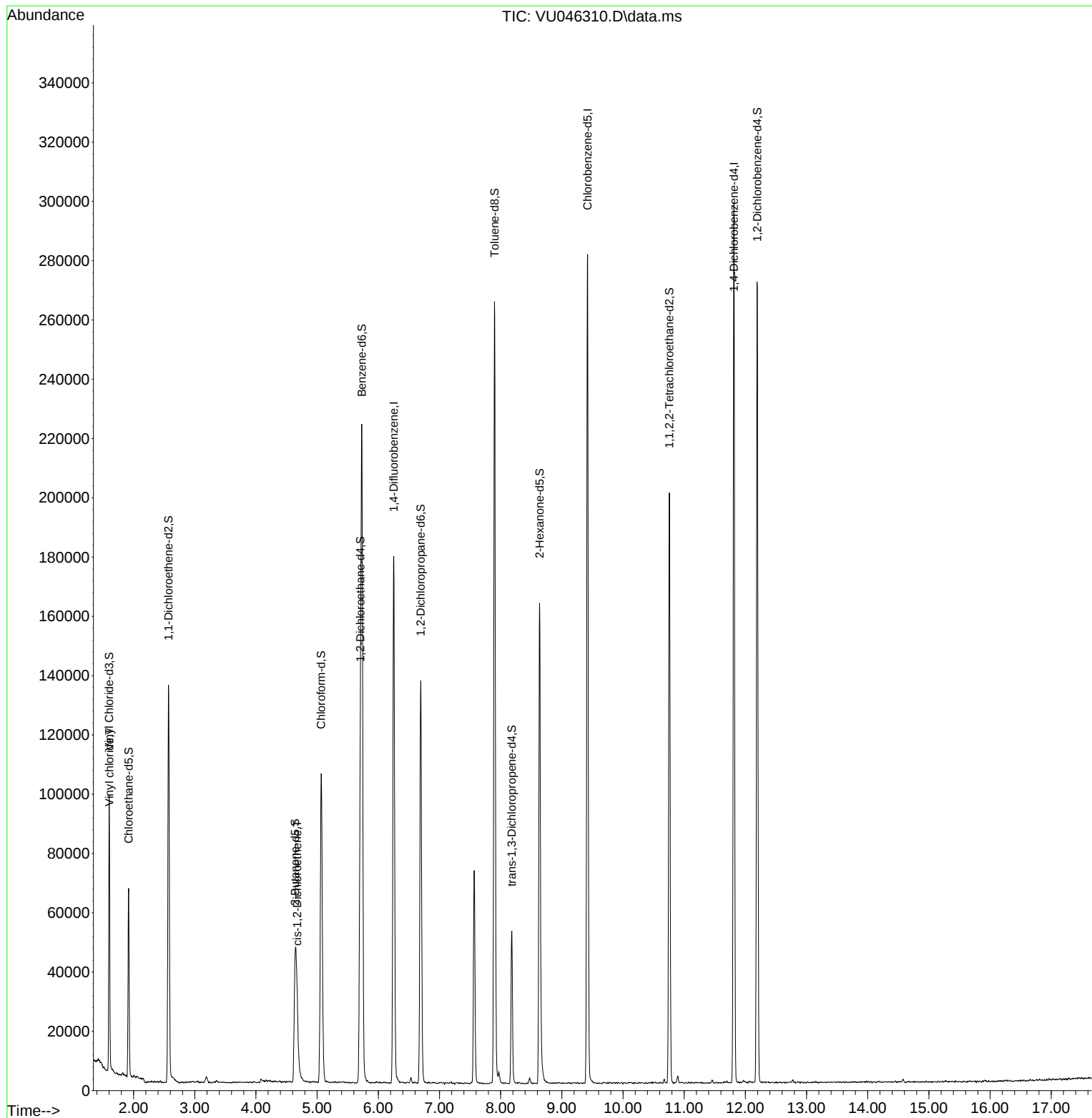
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143443	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	152944	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76240	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62954	53.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.560%
7) Chloroethane-d5	1.919	69	46360	51.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.572	63	81234	38.296	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.600%
21) 2-Butanone-d5	4.642	46	87788	93.459	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.460%
24) Chloroform-d	5.067	84	98198	49.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.540%
26) 1,2-Dichloroethane-d4	5.707	65	68791	51.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.900%
32) Benzene-d6	5.732	84	206030	47.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.694	67	63595	46.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.620%
41) Toluene-d8	7.899	98	176848	44.308	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.620%
43) trans-1,3-Dichloroprop...	8.182	79	30095	45.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.780%
47) 2-Hexanone-d5	8.636	63	60318	93.640	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	99013	48.057	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	12.195	152	69880	47.594	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.180%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	2911	2.068	ug/L	# 59
20) cis-1,2-Dichloroethene	4.674	96	5200	4.566	ug/L	97

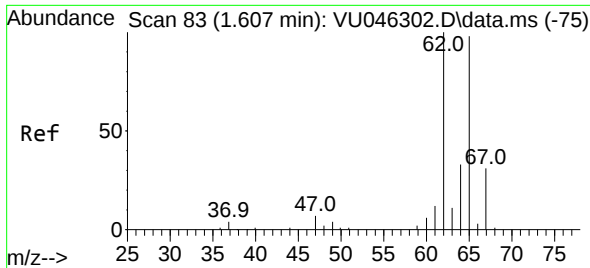
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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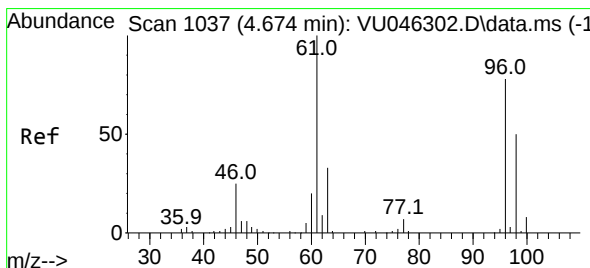
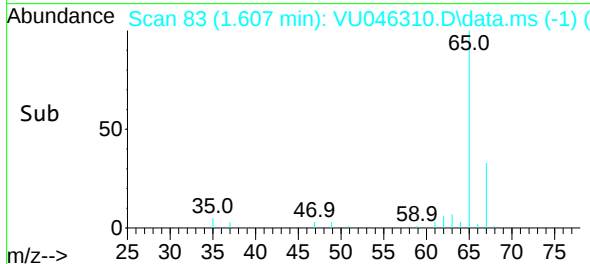
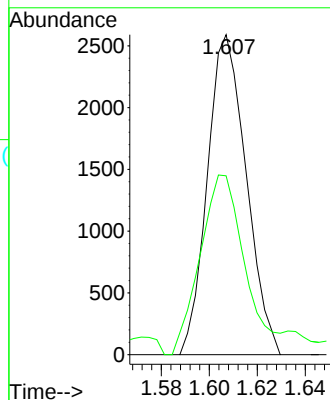
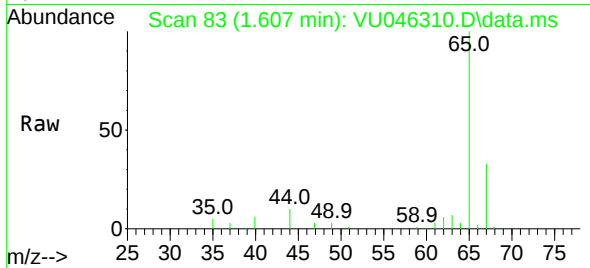




#5
 Vinyl chloride
 Concen: 2.068 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU046310.D
 Acq: 13 Dec 2021 13:15

Instrument :
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 BG3F4

Tgt Ion: 62 Resp: 2911
 Ion Ratio Lower Upper
 62 100
 64 55.9 22.9 42.5#



#20
 cis-1,2-Dichloroethene
 Concen: 4.566 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU046310.D
 Acq: 13 Dec 2021 13:15

Tgt Ion: 96 Resp: 5200
 Ion Ratio Lower Upper
 96 100
 61 126.9 86.8 161.2
 68 0.0 0.0 0.0

