

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046309.D
 Acq On : 13 Dec 2021 12:52
 Operator : SY/MD
 Sample : M4971-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3D7

Quant Time: Dec 14 02:33:59 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

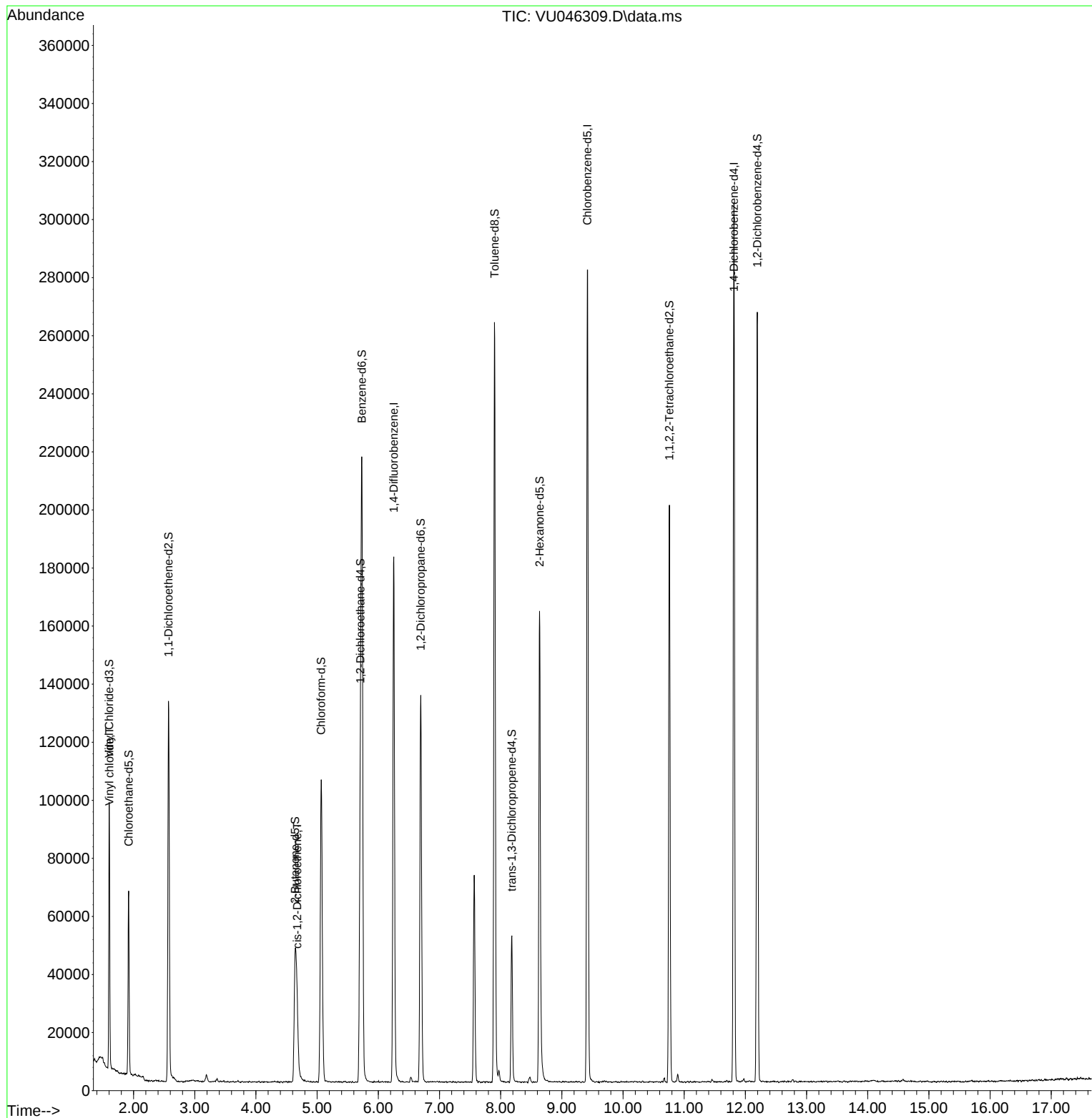
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	146053	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	155263	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76017	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62525	51.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.940%
7) Chloroethane-d5	1.919	69	45379	49.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.260%
11) 1,1-Dichloroethene-d2	2.572	63	78747	36.460	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.920%
21) 2-Butanone-d5	4.642	46	85696	89.601	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.600%
24) Chloroform-d	5.067	84	98289	48.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.840%
26) 1,2-Dichloroethane-d4	5.707	65	67052	49.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.460%
32) Benzene-d6	5.732	84	203499	45.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.460%
36) 1,2-Dichloropropane-d6	6.694	67	62480	45.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.600%
41) Toluene-d8	7.899	98	173675	42.864	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.720%
43) trans-1,3-Dichloroprop...	8.182	79	29367	44.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.220%
47) 2-Hexanone-d5	8.636	63	58588	89.596	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	97576	46.652	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.300%
66) 1,2-Dichlorobenzene-d4	12.195	152	68306	46.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.320%
Target Compounds						
5) Vinyl chloride	1.607	62	3099	2.162	ug/L	# 57
20) cis-1,2-Dichloroethene	4.674	96	5858	5.052	ug/L	89

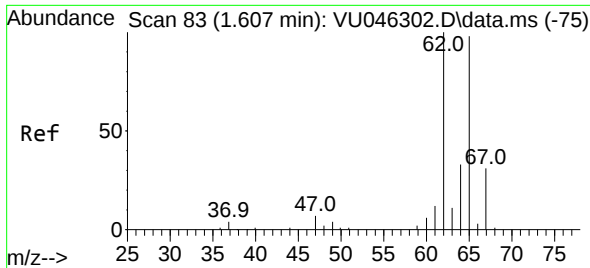
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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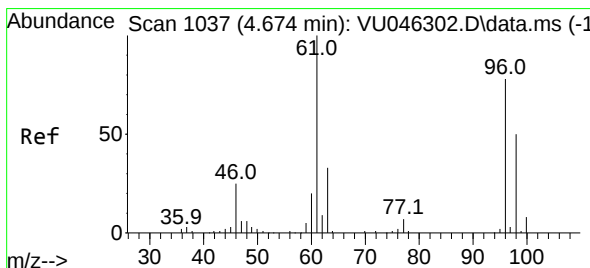
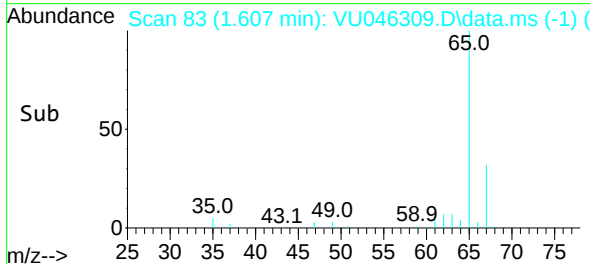
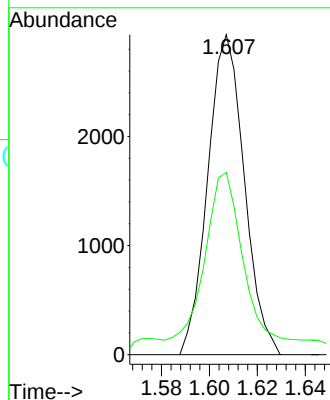
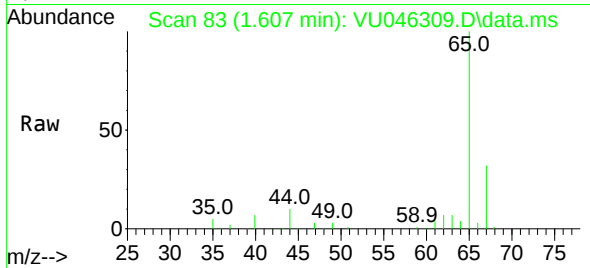




#5
 Vinyl chloride
 Concen: 2.162 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
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Tgt Ion: 62 Resp: 3099
 Ion Ratio Lower Upper
 62 100
 64 57.0 22.9 42.5#



#20
 cis-1,2-Dichloroethene
 Concen: 5.052 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU046309.D
 Acq: 13 Dec 2021 12:52

Tgt Ion: 96 Resp: 5858
 Ion Ratio Lower Upper
 96 100
 61 136.2 86.8 161.2
 68 0.0 0.0 0.0

