

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046393.D
 Acq On : 15 Dec 2021 13:37
 Operator : SY/MD
 Sample : M4971-14DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3D1DL

Quant Time: Dec 16 03:09:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 16 02:25:11 2021
 Response via : Initial Calibration

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

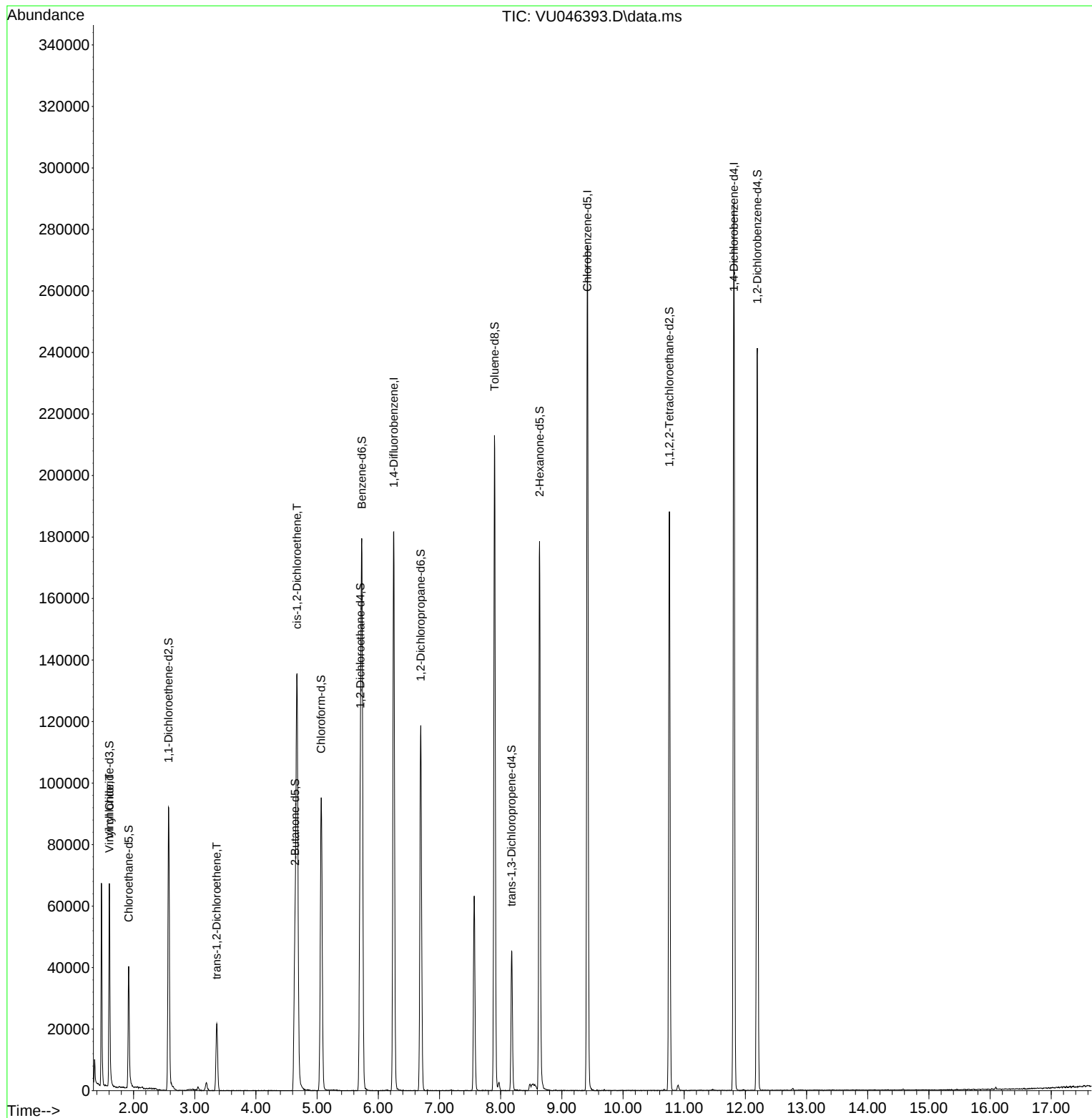
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	146421	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	151141	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73874	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	39813	33.009	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.020%
7) Chloroethane-d5	1.919	69	32847	35.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.940%
11) 1,1-Dichloroethene-d2	2.572	63	55973	25.851	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.700%#
21) 2-Butanone-d5	4.639	46	87889	91.663	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.660%
24) Chloroform-d	5.067	84	91534	45.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
26) 1,2-Dichloroethane-d4	5.707	65	61378	45.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.820%
32) Benzene-d6	5.732	84	166578	38.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.900%
36) 1,2-Dichloropropane-d6	6.694	67	55900	41.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.280%
41) Toluene-d8	7.899	98	139502	35.369	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.740%#
43) trans-1,3-Dichloroprop...	8.179	79	26476	40.852	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.700%
47) 2-Hexanone-d5	8.636	63	63471	99.710	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.710%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	91293	44.839	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	60667	42.643	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.280%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	11086	7.716	ug/L	87
17) trans-1,2-Dichloroethene	3.359	96	9307	8.687	ug/L	94
20) cis-1,2-Dichloroethene	4.671	96	63255	54.411	ug/L	99

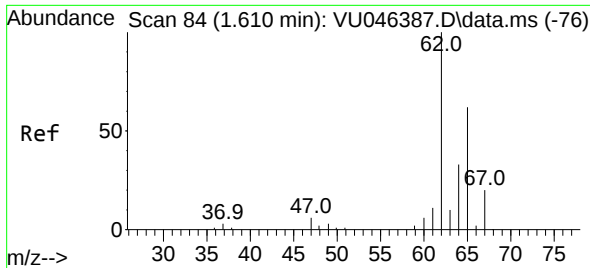
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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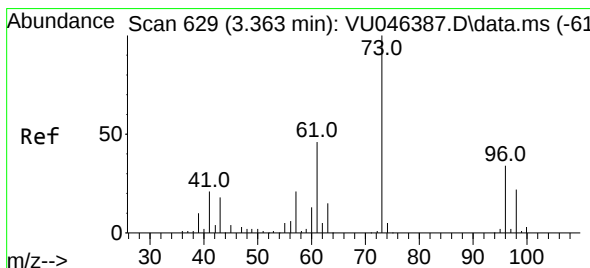
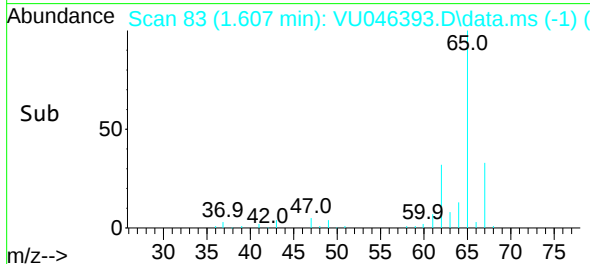
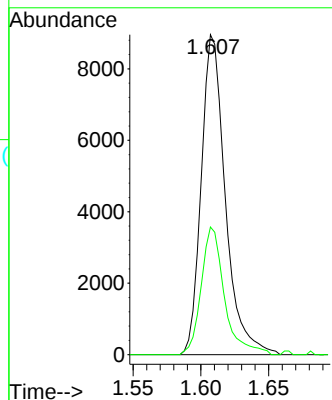
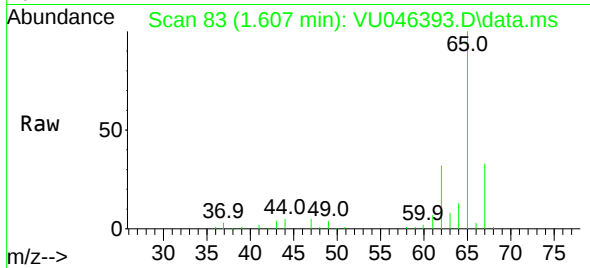




#5
 Vinyl chloride
 Concen: 7.716 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046393.D
 Acq: 15 Dec 2021 13:37

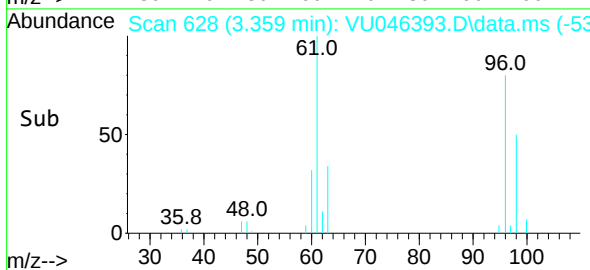
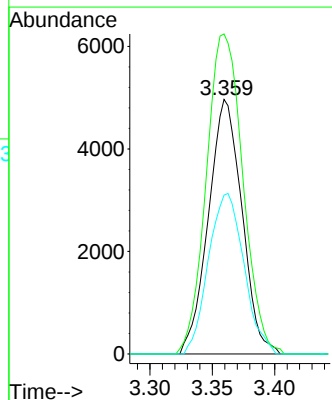
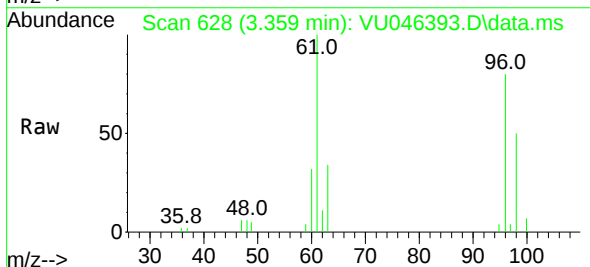
Instrument :
 MSVOA_U
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 BG3D1DL

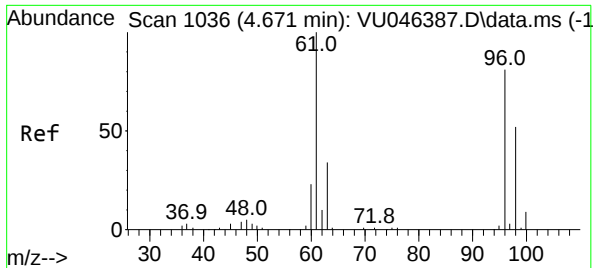
Tgt Ion: 62 Resp: 11086
 Ion Ratio Lower Upper
 62 100
 64 39.9 22.9 42.5



#17
 trans-1,2-Dichloroethene
 Concen: 8.687 ug/L
 RT: 3.359 min Scan# 628
 Delta R.T. -0.003 min
 Lab File: VU046393.D
 Acq: 15 Dec 2021 13:37

Tgt Ion: 96 Resp: 9307
 Ion Ratio Lower Upper
 96 100
 61 125.7 94.6 175.6
 98 62.4 44.0 81.8





#20
 cis-1,2-Dichloroethene
 Concen: 54.411 ug/L
 RT: 4.671 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VU046393.D
 Acq: 15 Dec 2021 13:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3D1DL

Tgt Ion: 96 Resp: 63255
 Ion Ratio Lower Upper
 96 100
 61 125.1 86.8 161.2
 68 0.0 0.0 0.0

