

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046396.D
 Acq On : 15 Dec 2021 14:44
 Operator : SY/MD
 Sample : VIBLK012
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK012

Quant Time: Dec 16 03:10:22 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)

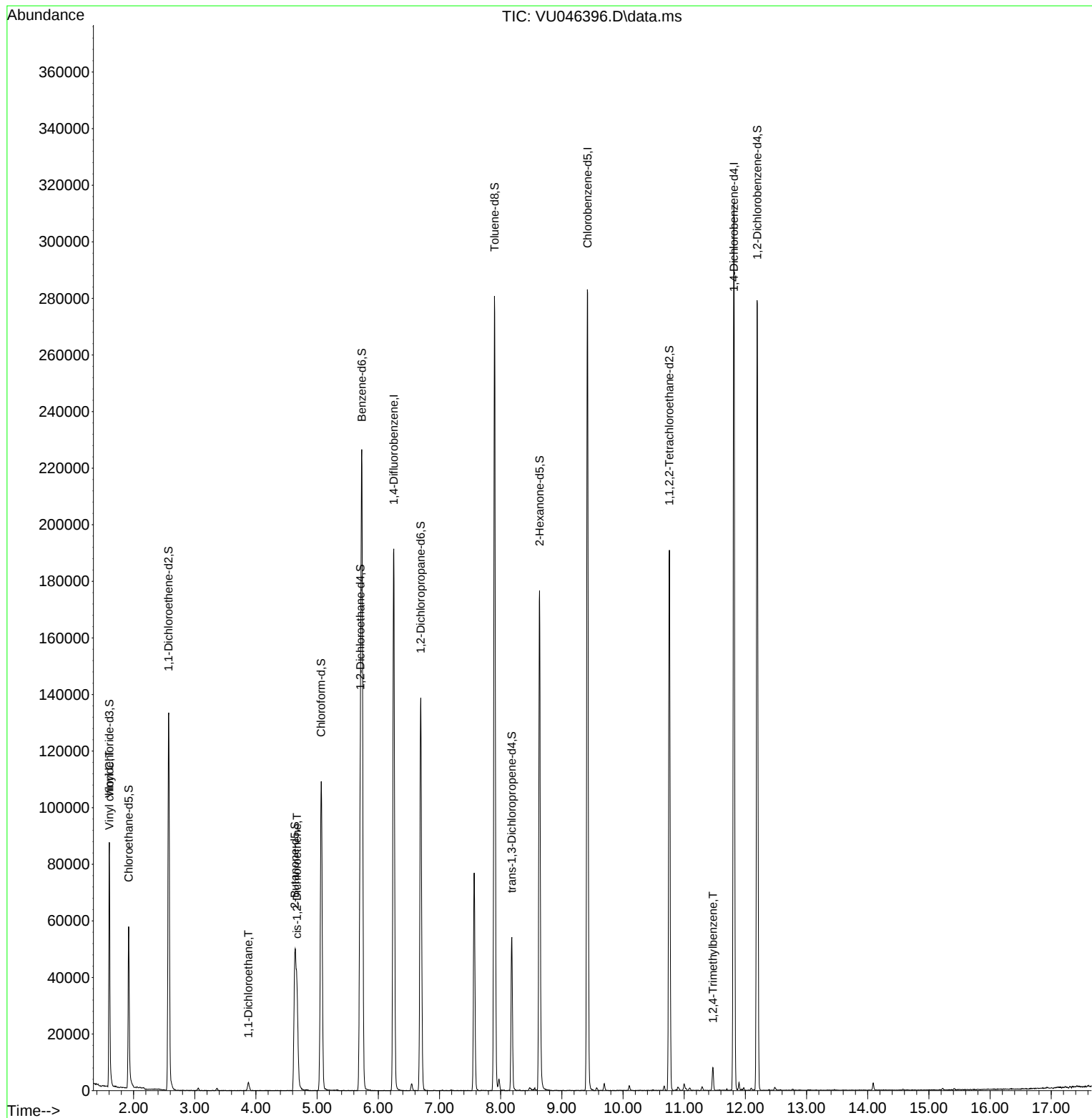
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	154969	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	156312	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80933	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	64498	50.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.060%
7) Chloroethane-d5	1.919	69	46381	47.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.640%
11) 1,1-Dichloroethene-d2	2.572	63	80985	35.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.680%
21) 2-Butanone-d5	4.636	46	85737	84.487	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.490%
24) Chloroform-d	5.067	84	104437	48.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.980%
26) 1,2-Dichloroethane-d4	5.707	65	69183	48.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
32) Benzene-d6	5.732	84	209820	46.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.660%
36) 1,2-Dichloropropane-d6	6.694	67	65261	47.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.000%
41) Toluene-d8	7.899	98	183967	45.099	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.182	79	32056	47.826	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.660%
47) 2-Hexanone-d5	8.636	63	64138	97.425	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.430%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	93013	44.172	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	71921	46.144	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.280%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	2670	1.756	ug/L	# 59
19) 1,1-Dichloroethane	3.877	63	3608	1.750	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	12479	10.142	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	4893	1.114	ug/L	94

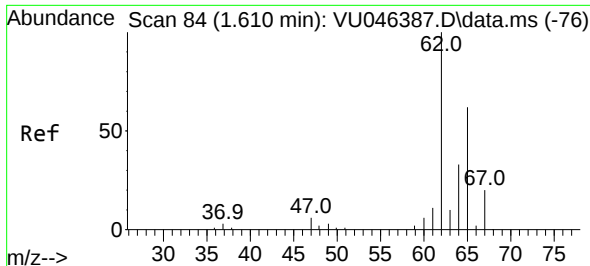
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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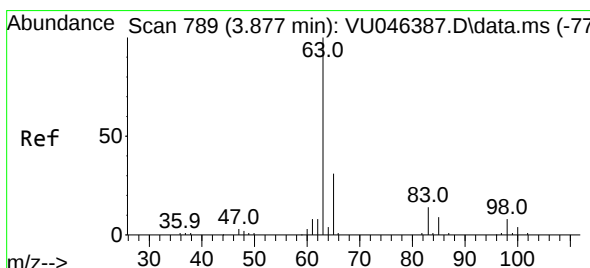
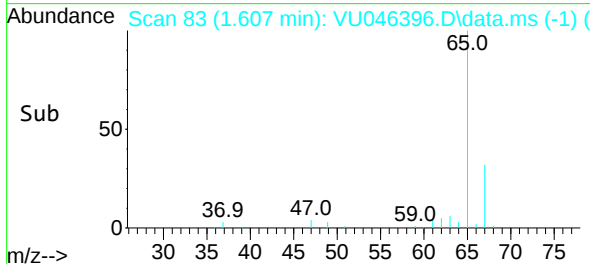
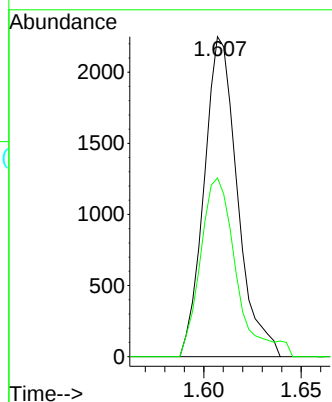
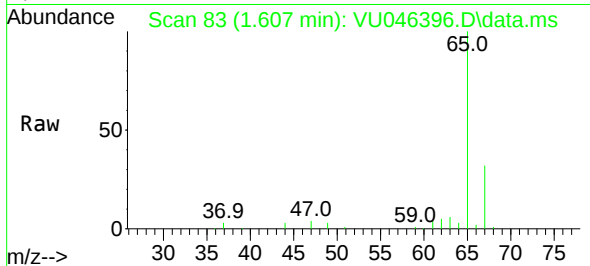




#5
 Vinyl chloride
 Concen: 1.756 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU046396.D
 Acq: 15 Dec 2021 14:44

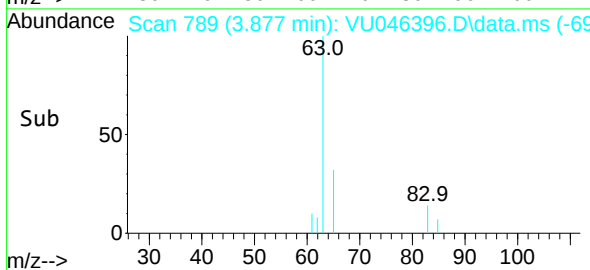
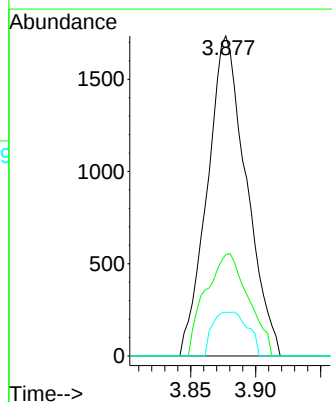
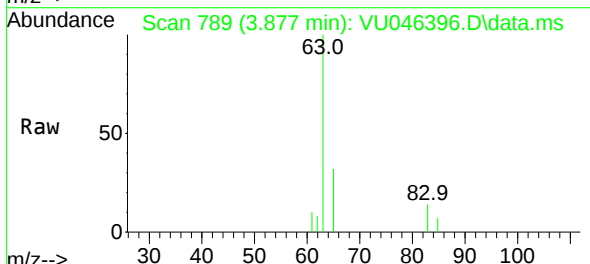
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK012

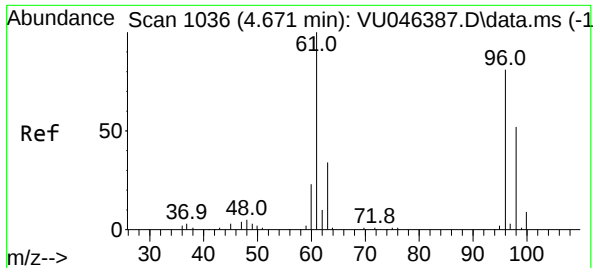
Tgt Ion: 62 Resp: 2670
 Ion Ratio Lower Upper
 62 100
 64 55.9 22.9 42.5#



#19
 1,1-Dichloroethane
 Concen: 1.750 ug/L
 RT: 3.877 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VU046396.D
 Acq: 15 Dec 2021 14:44

Tgt Ion: 63 Resp: 3608
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.8 42.4
 83 13.7 9.6 17.8

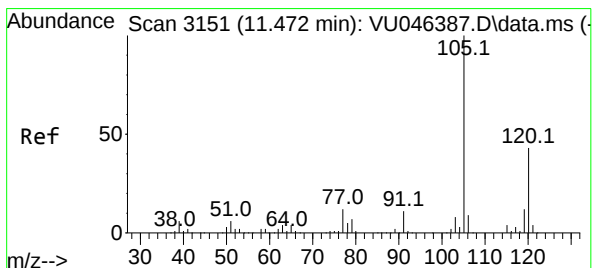
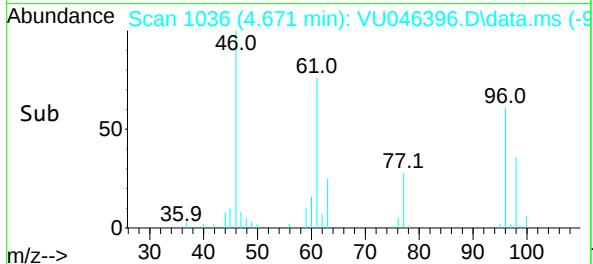
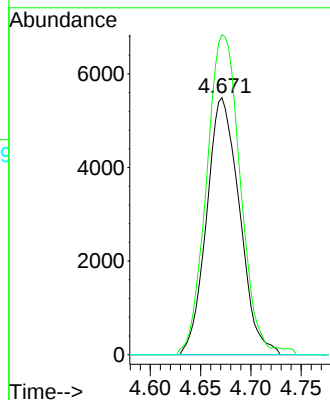
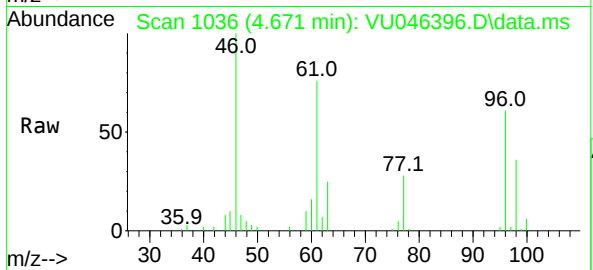




#20
 cis-1,2-Dichloroethene
 Concen: 10.142 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU046396.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK012

Tgt Ion: 96 Resp: 12479
 Ion Ratio Lower Upper
 96 100
 61 124.6 86.8 161.2
 68 0.0 0.0 0.0



#63
 1,2,4-Trimethylbenzene
 Concen: 1.114 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU046396.D
 Acq: 15 Dec 2021 14:44

Tgt Ion: 105 Resp: 4893
 Ion Ratio Lower Upper
 105 100
 120 40.4 35.2 52.8

