

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
 Data File : VU046497.D
 Acq On : 19 Dec 2021 16:08
 Operator : SY/MD
 Sample : M5066-01DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW142DL

Quant Time: Dec 20 00:28:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

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

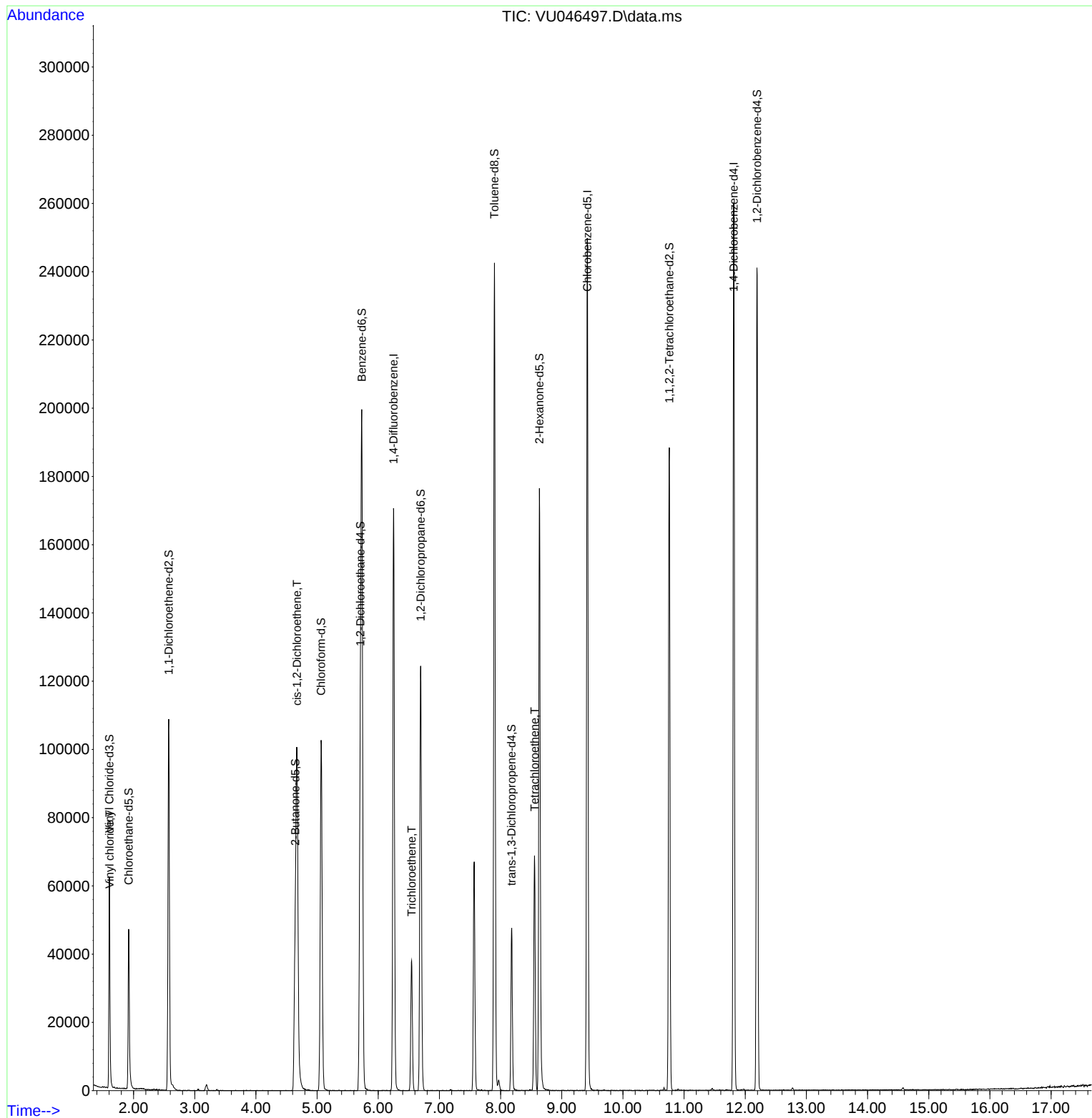
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	137424	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	138464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66427	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46492	41.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.140%
7) Chloroethane-d5	1.919	69	38799	44.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	2.575	63	66085	32.519	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.040%
21) 2-Butanone-d5	4.645	46	89118	99.030	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.030%
24) Chloroform-d	5.067	84	98004	51.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.680%
26) 1,2-Dichloroethane-d4	5.706	65	64364	50.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.460%
32) Benzene-d6	5.732	84	183807	46.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	6.694	67	58839	47.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.680%
41) Toluene-d8	7.899	98	159961	44.269	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.540%
43) trans-1,3-Dichloroprop...	8.179	79	27573	46.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.880%
47) 2-Hexanone-d5	8.636	63	65155	111.727	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.730%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	90452	48.493	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.980%
66) 1,2-Dichlorobenzene-d4	12.192	152	62874	49.149	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.300%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	2035	1.509	ug/L	# 61
20) cis-1,2-Dichloroethene	4.671	96	40162	36.809	ug/L	98
34) Trichloroethene	6.546	95	12886	11.672	ug/L	96
46) Tetrachloroethene	8.555	164	14982	18.466	ug/L	97

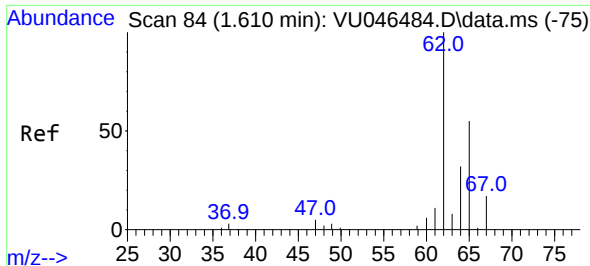
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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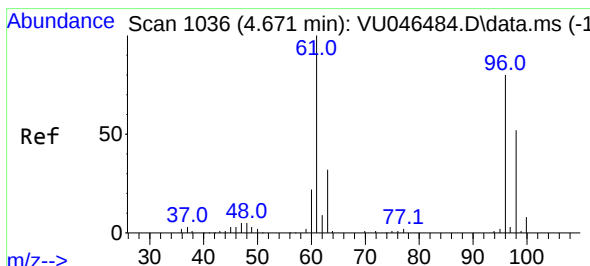
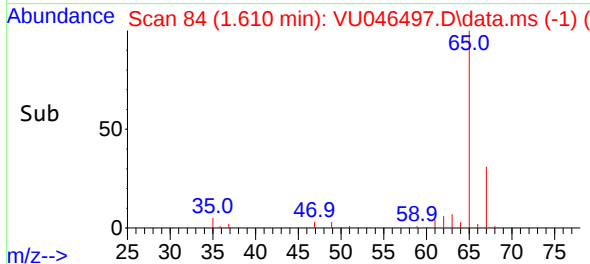
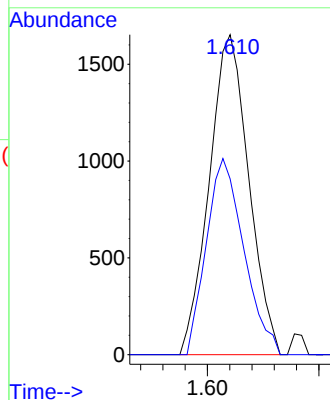
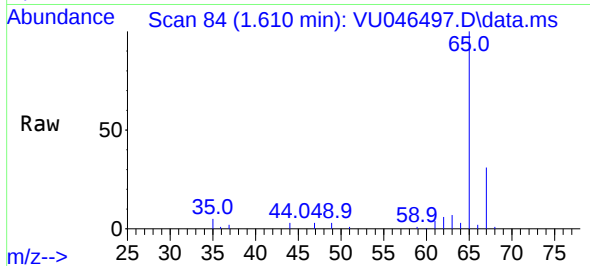




#5
 Vinyl chloride
 Concen: 1.509 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU046497.D
 Acq: 19 Dec 2021 16:08

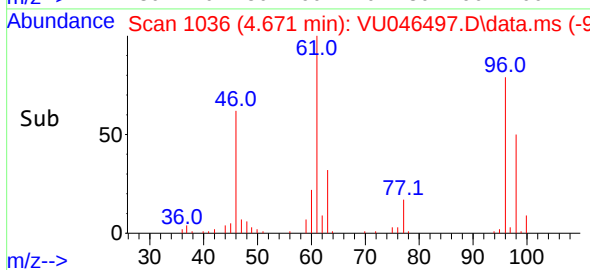
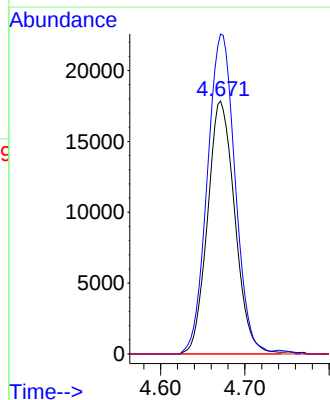
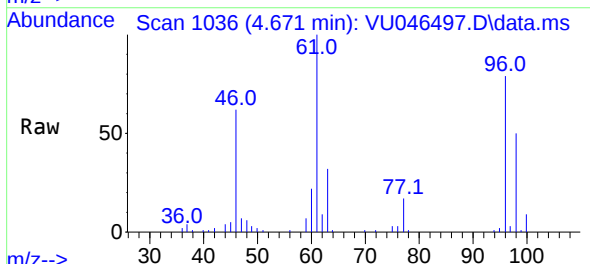
Instrument :
 MSVOA_U
 ClientSampleId :
 EW142DL

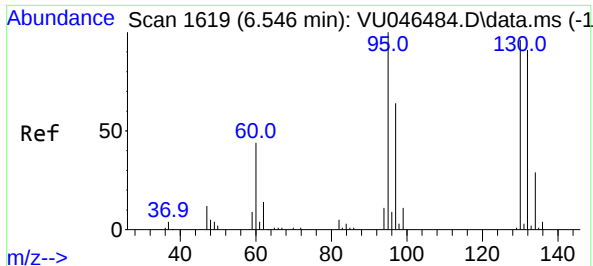
Tgt Ion: 62 Resp: 2035
 Ion Ratio Lower Upper
 62 100
 64 54.9 22.9 42.5#



#20
 cis-1,2-Dichloroethene
 Concen: 36.809 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU046497.D
 Acq: 19 Dec 2021 16:08

Tgt Ion: 96 Resp: 40162
 Ion Ratio Lower Upper
 96 100
 61 126.5 86.8 161.2
 68 0.0 0.0 0.0

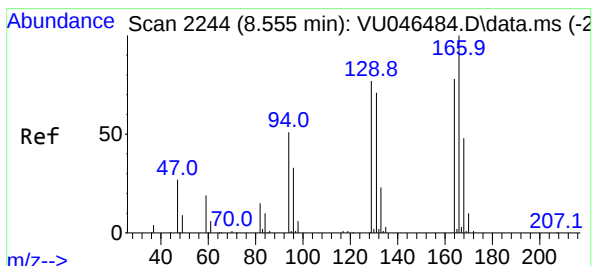
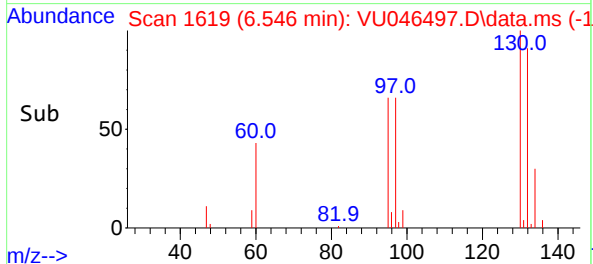
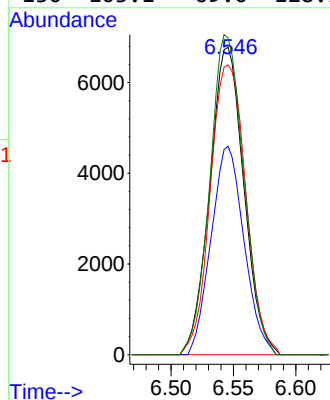
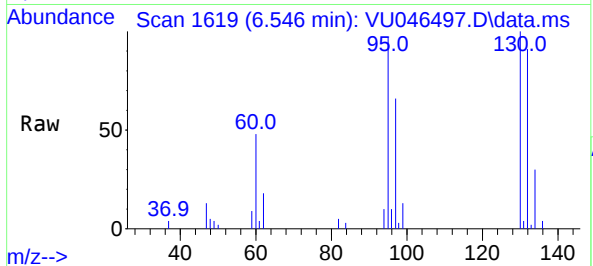




#34
Trichloroethene
Concen: 11.672 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046497.D
Acq: 19 Dec 2021 16:08

Instrument :
MSVOA_U
ClientSampleId :
EW142DL

Tgt Ion: 95 Resp: 12886
Ion Ratio Lower Upper
95 100
97 67.8 44.1 81.9
132 94.3 66.8 124.0
130 103.1 69.0 128.1



#46
Tetrachloroethene
Concen: 18.466 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046497.D
Acq: 19 Dec 2021 16:08

Tgt Ion: 164 Resp: 14982
Ion Ratio Lower Upper
164 100
129 98.5 71.1 132.1
131 92.8 67.8 126.0
166 126.4 90.6 168.2

