

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044780.D
 Acq On : 23 Sep 2021 13:31
 Operator : SY/MD
 Sample : M3873-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7X1

Quant Time: Sep 24 05:37:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

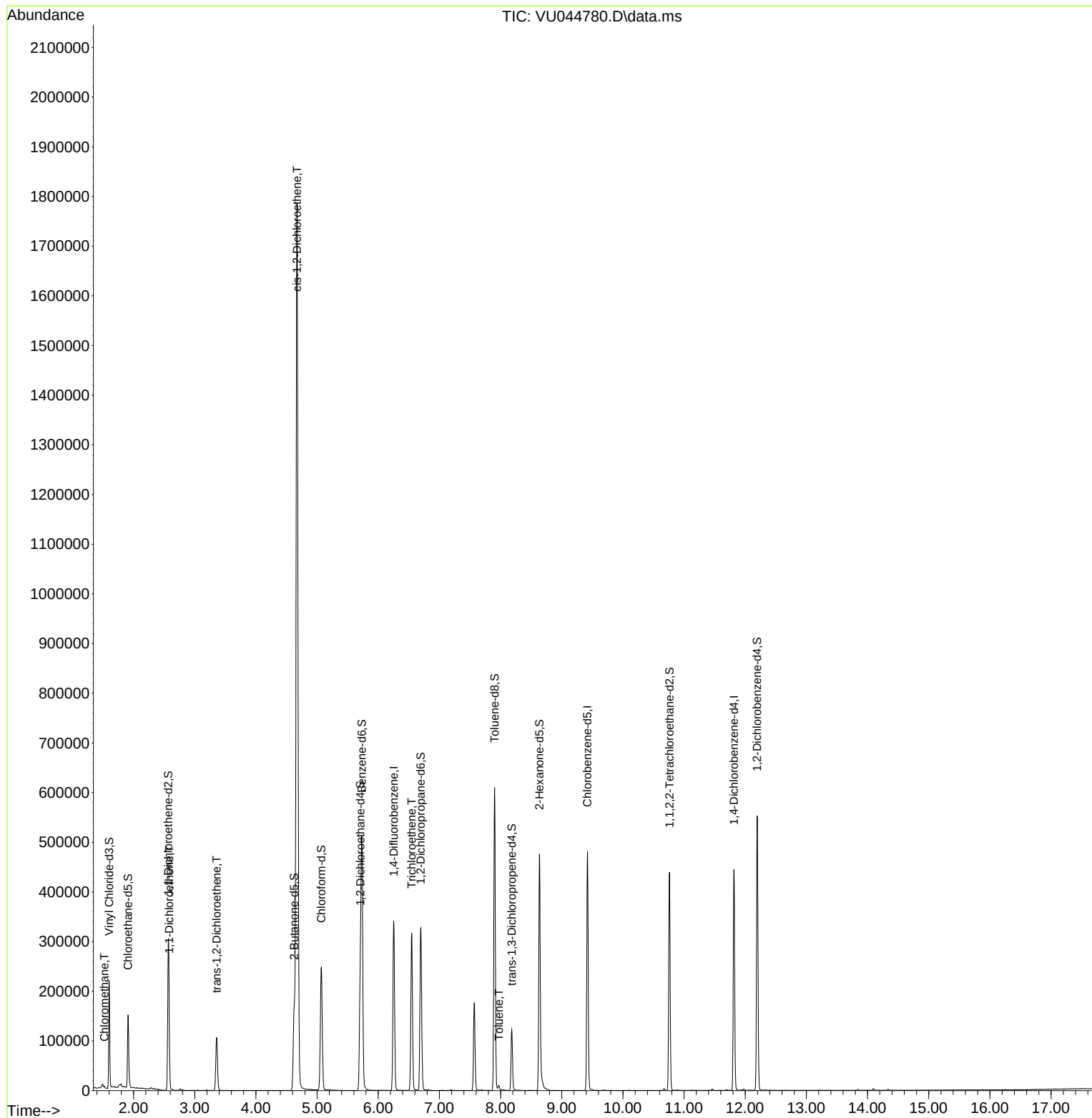
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	257207	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	246116	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	108718	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	140918	50.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 100.100%		
7) Chloroethane-d5	1.909	69	114262	51.210	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 102.420%		
11) 1,1-Dichloroethene-d2	2.568	63	183661	38.842	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 77.680%		
21) 2-Butanone-d5	4.626	46	236963	106.453	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 106.450%		
24) Chloroform-d	5.070	84	221662	49.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 99.680%		
26) 1,2-Dichloroethane-d4	5.706	65	156876	52.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 104.160%		
32) Benzene-d6	5.732	84	457997	53.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 107.260%		
36) 1,2-Dichloropropane-d6	6.694	67	149424	53.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 107.320%		
41) Toluene-d8	7.903	98	384881	52.223	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 104.440%		
43) trans-1,3-Dichloroprop...	8.182	79	64003	51.670	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 103.340%		
47) 2-Hexanone-d5	8.636	63	164587	106.655	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 106.650%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	215516	49.701	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 99.400%		
66) 1,2-Dichlorobenzene-d4	12.195	152	133449	56.403	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 112.800%		
Target Compounds						Qvalue
3) Chloromethane	1.523	50	2058	0.670	ug/L	91
12) 1,1-Dichloroethene	2.581	96	3220	1.617	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	41894	19.967	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	876029	378.900	ug/L	98
34) Trichloroethene	6.546	95	105616	48.171	ug/L	99
42) Toluene	7.973	91	6230	0.672	ug/L	98

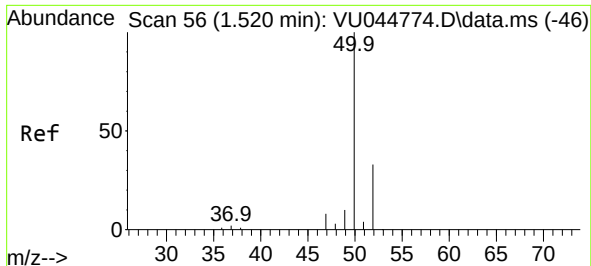
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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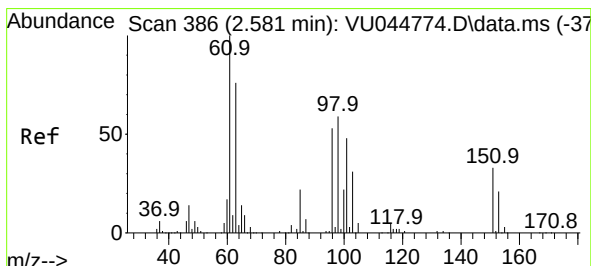
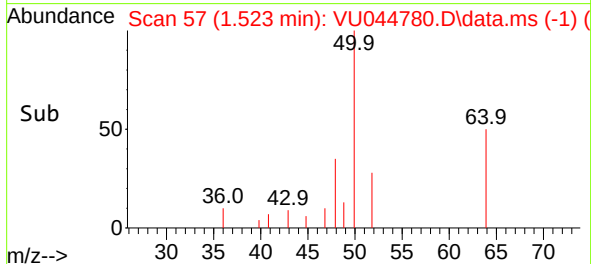
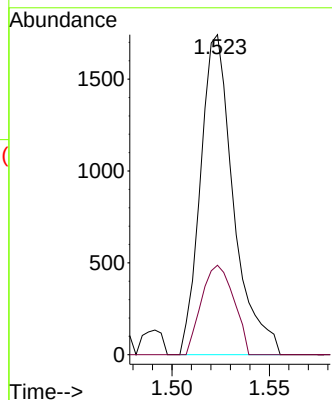
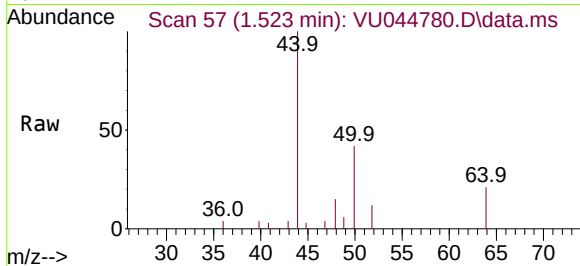




#3
Chloromethane
Concen: 0.670 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044780.D
Acq: 23 Sep 2021 13:31

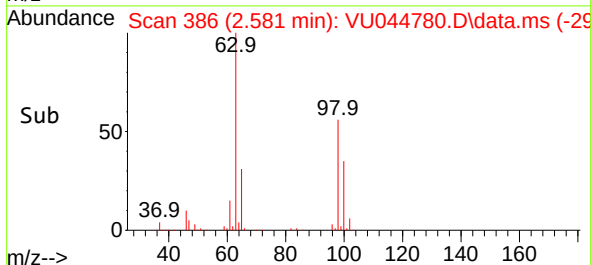
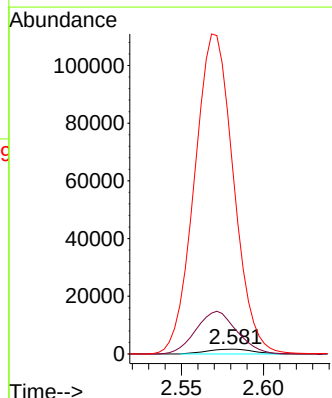
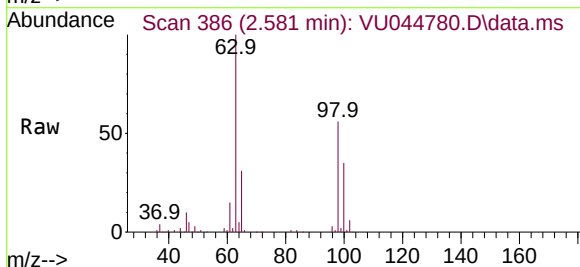
Instrument :
MSVOA_U
ClientSampled :
EW7X1

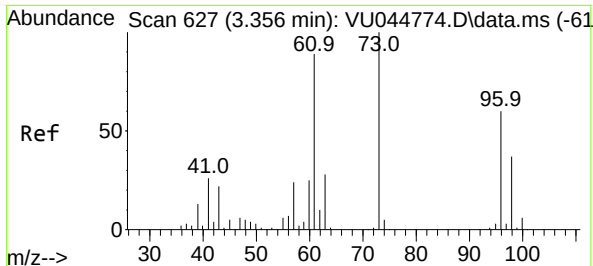
Tgt Ion: 50 Resp: 2058
Ion Ratio Lower Upper
50 100
52 28.0 23.0 42.8



#12
1,1-Dichloroethene
Concen: 1.617 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU044780.D
Acq: 23 Sep 2021 13:31

Tgt Ion: 96 Resp: 3220
Ion Ratio Lower Upper
96 100
61 579.5 131.3 243.9#
63 3893.0 102.5 190.3#



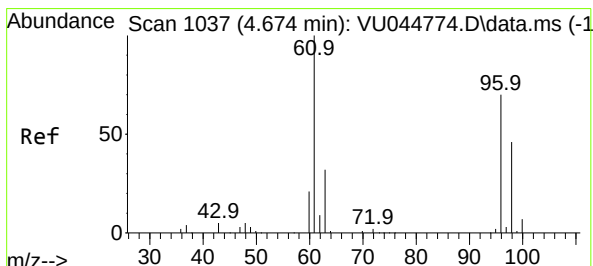
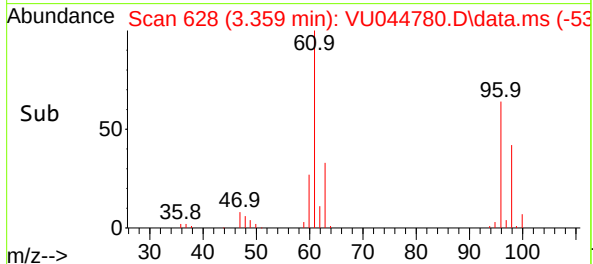
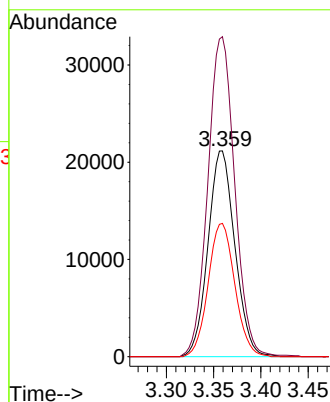
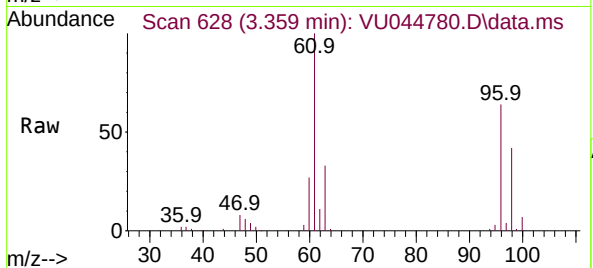


#17

trans-1,2-Dichloroethene
Concen: 19.967 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU044780.D
Acq: 23 Sep 2021 13:31

Instrument :
MSVOA_U
ClientSampleId :
EW7X1

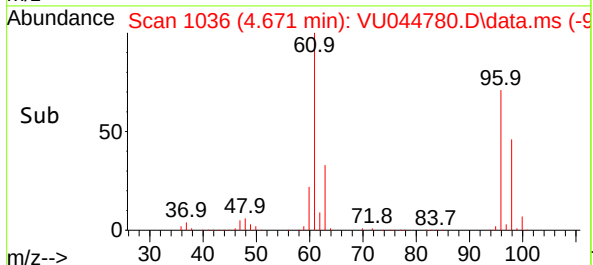
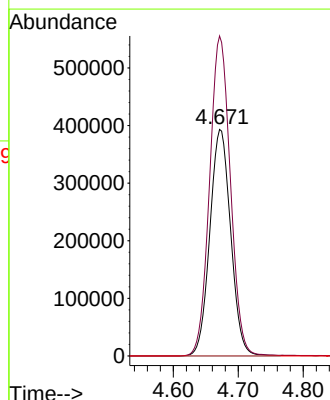
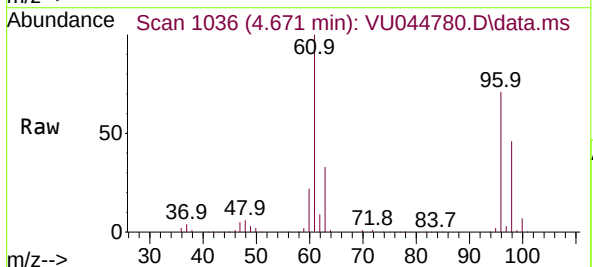
Tgt Ion: 96 Resp: 41894
Ion Ratio Lower Upper
96 100
61 155.5 105.1 195.3
98 64.8 43.0 79.8

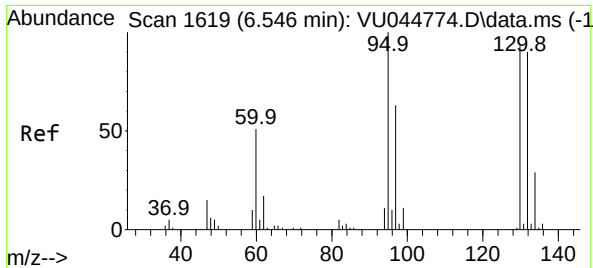


#20

cis-1,2-Dichloroethene
Concen: 378.900 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044780.D
Acq: 23 Sep 2021 13:31

Tgt Ion: 96 Resp: 876029
Ion Ratio Lower Upper
96 100
61 141.2 100.2 186.0
68 0.0 0.0 0.0

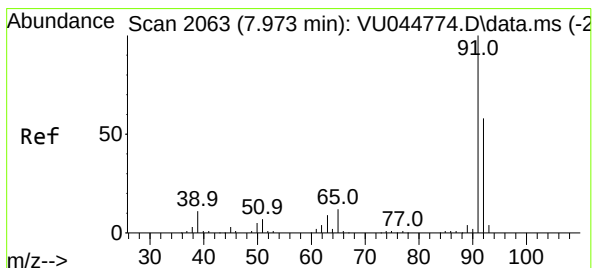
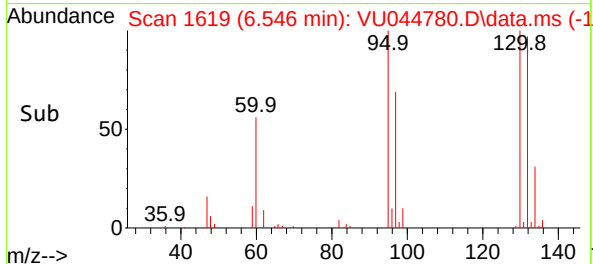
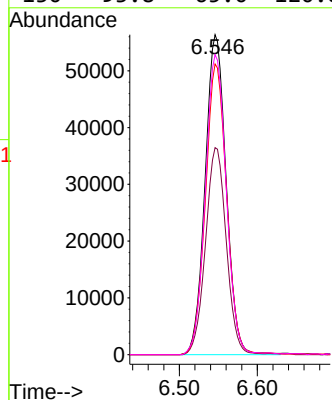
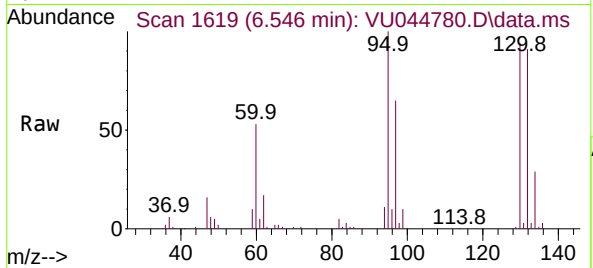




#34
Trichloroethene
Concen: 48.171 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044780.D
Acq: 23 Sep 2021 13:31

Instrument :
MSVOA_U
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Tgt Ion: 95 Resp: 105616
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.4
132 90.8 62.9 116.9
130 93.8 65.0 120.8



#42
Toluene
Concen: 0.672 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044780.D
Acq: 23 Sep 2021 13:31

Tgt Ion: 91 Resp: 6230
Ion Ratio Lower Upper
91 100
92 59.2 40.5 75.1

