

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045100.D
 Acq On : 04 Oct 2021 16:45
 Operator : SY/MD
 Sample : M3996-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A25

Quant Time: Oct 05 02:46:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

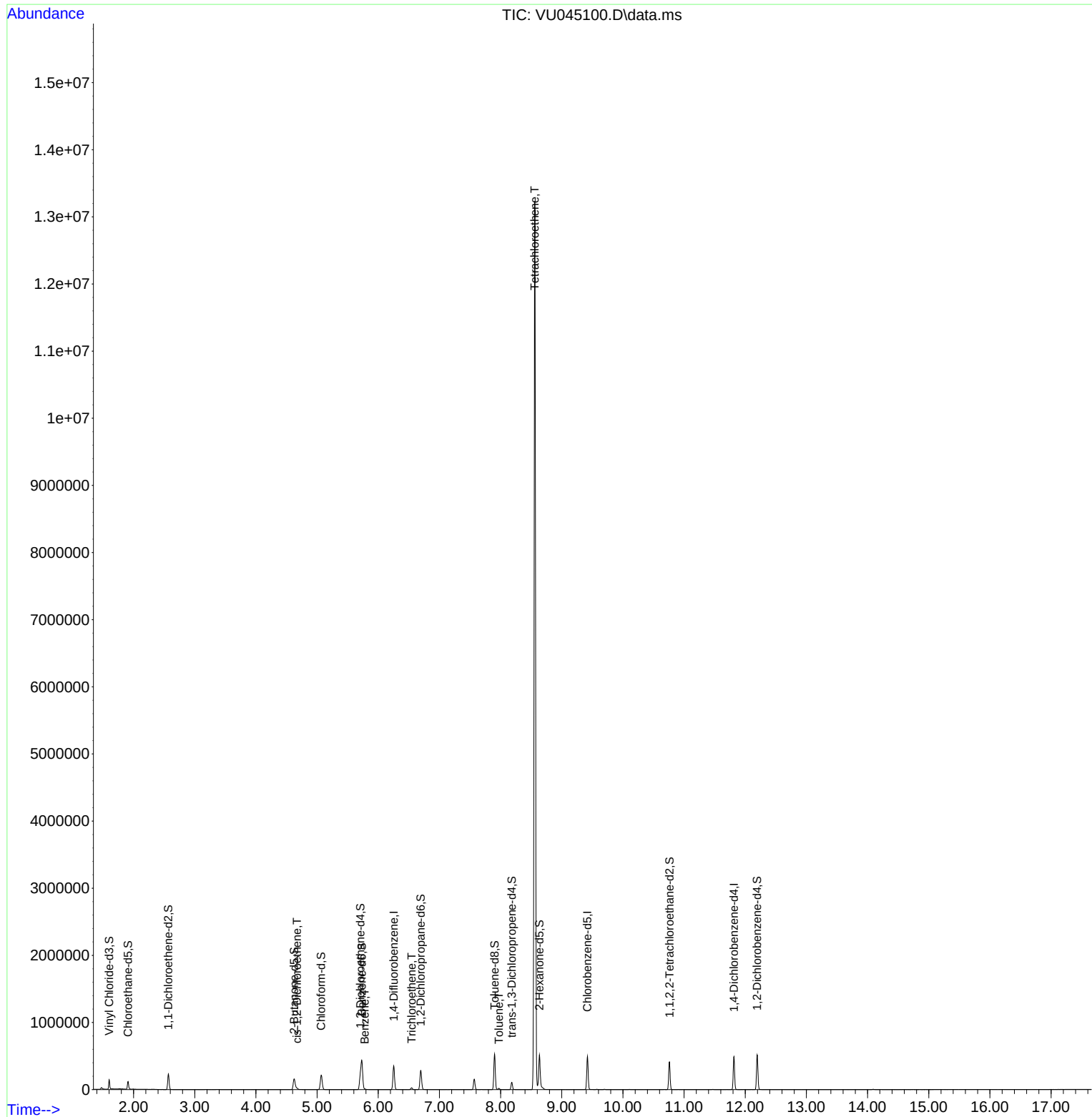
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	272612	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	256358	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	120879	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	94324	31.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.22%		
7) Chloroethane-d5	1.909	69	88623	37.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.94%		
11) 1,1-Dichloroethene-d2	2.568	63	136489	27.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.46%#		
21) 2-Butanone-d5	4.626	46	234514	99.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.40%		
24) Chloroform-d	5.067	84	194418	41.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.50%		
26) 1,2-Dichloroethane-d4	5.706	65	141012	44.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.34%		
32) Benzene-d6	5.732	84	389503	43.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.58%		
36) 1,2-Dichloropropane-d6	6.694	67	131057	45.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.36%		
41) Toluene-d8	7.902	98	334551	43.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.16%		
43) trans-1,3-Dichloroprop...	8.182	79	56672	43.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.84%		
47) 2-Hexanone-d5	8.636	63	171043	106.41	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.41%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	203522	45.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.12%		
66) 1,2-Dichlorobenzene-d4	12.195	152	126349	48.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.06%		
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.671	96	7304	2.98	ug/L	90
33) Benzene	5.777	78	7238	0.76	ug/L	100
34) Trichloroethene	6.546	95	8243	3.61	ug/L	97
42) Toluene	7.973	91	12611	1.31	ug/L	96
46) Tetrachloroethene	8.558	164	2731373	1673.27	ug/L	98

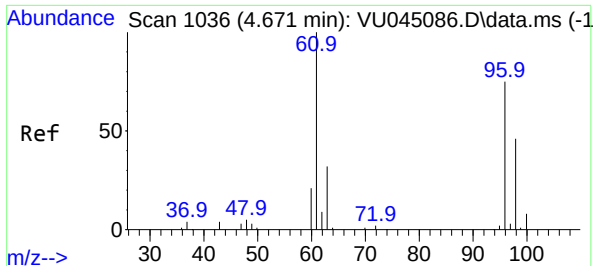
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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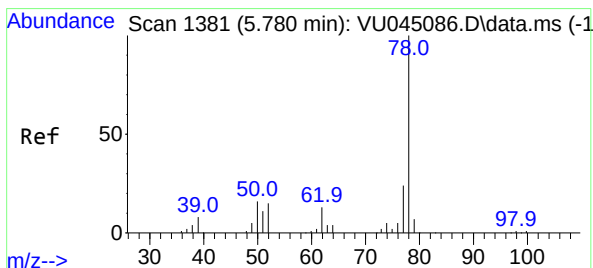
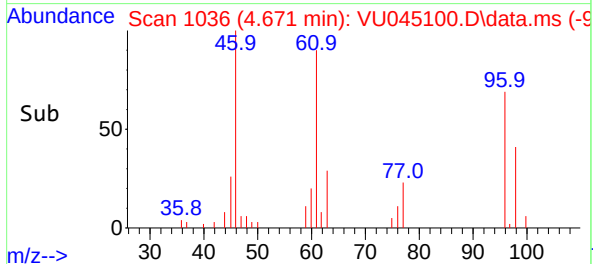
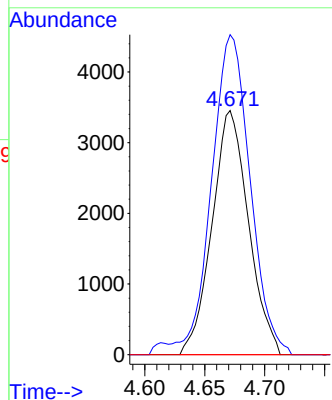
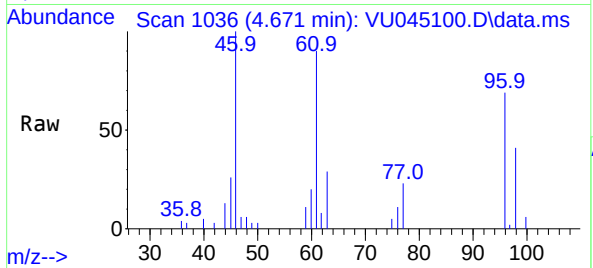




#20
cis-1,2-Dichloroethene
Concen: 2.98 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045100.D
Acq: 04 Oct 2021 16:45

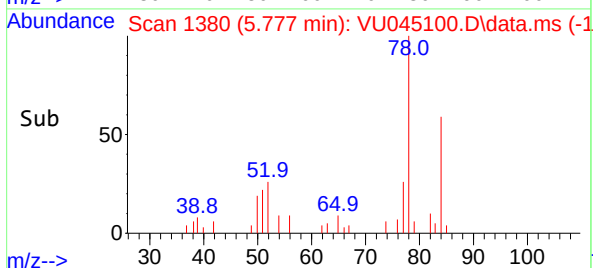
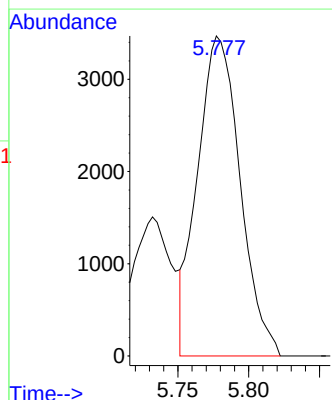
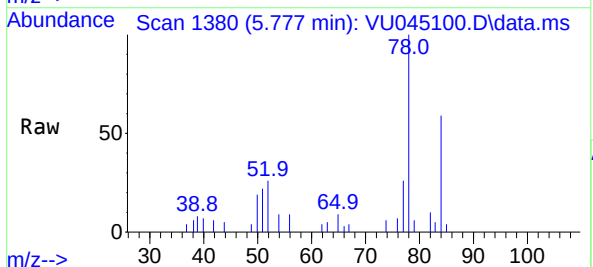
Instrument :
MSVOA_U
ClientSampled :
F4A25

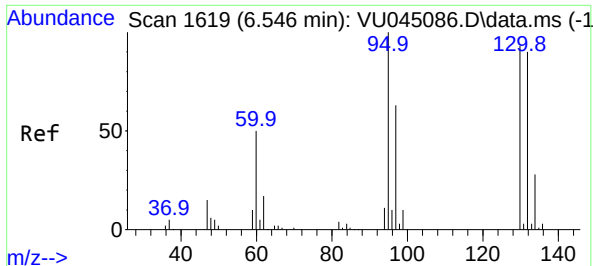
Tgt Ion: 96 Resp: 7304
Ion Ratio Lower Upper
96 100
61 131.0 100.2 186.0
68 0.0 0.0 0.0



#33
Benzene
Concen: 0.76 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045100.D
Acq: 04 Oct 2021 16:45

Tgt Ion: 78 Resp: 7238



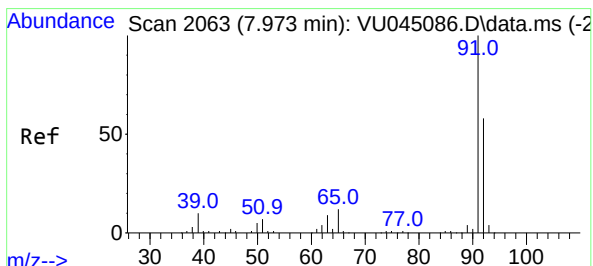
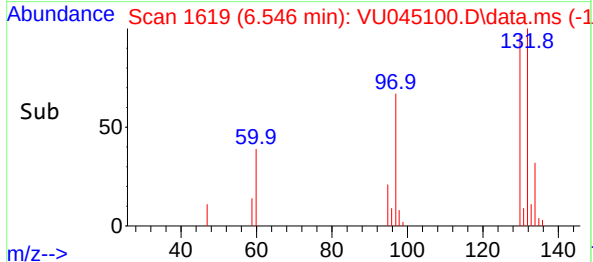
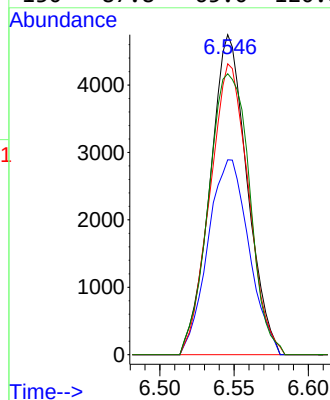
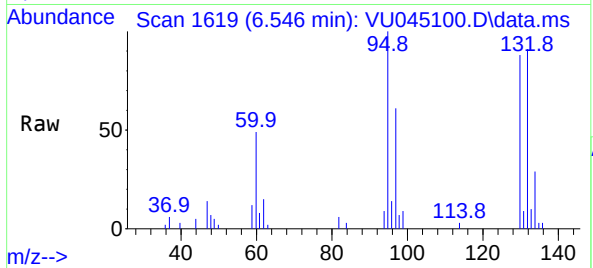


#34
Trichloroethene
Concen: 3.61 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045100.D
Acq: 04 Oct 2021 16:45

Instrument :
MSVOA_U
ClientSampled :
F4A25

Tgt Ion: 95 Resp: 8243

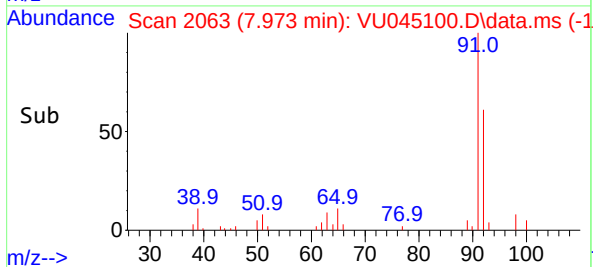
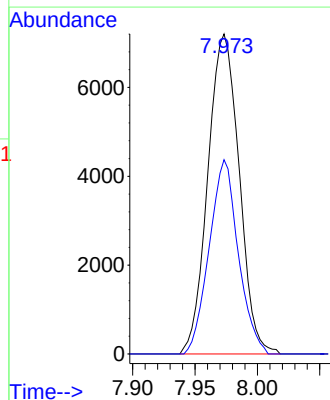
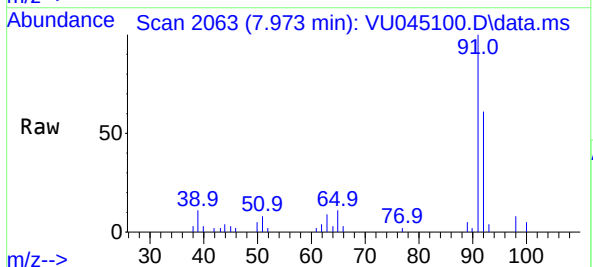
Ion	Ratio	Lower	Upper
95	100		
97	60.9	44.4	82.4
132	90.9	62.9	116.9
130	87.8	65.0	120.8

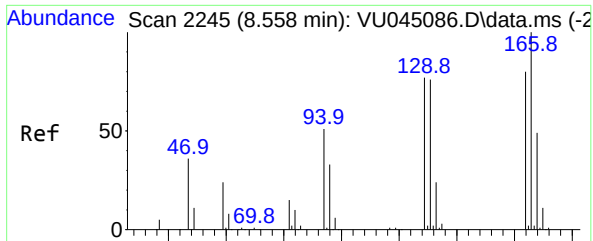


#42
Toluene
Concen: 1.31 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045100.D
Acq: 04 Oct 2021 16:45

Tgt Ion: 91 Resp: 12611

Ion	Ratio	Lower	Upper
91	100		
92	60.7	40.5	75.1





#46
Tetrachloroethene
Concen: 1673.27 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045100.D
Acq: 04 Oct 2021 16:45

Instrument :
MSVOA_U
ClientSampleId :
F4A25

Tgt Ion:164 Resp: 2731373

Ion	Ratio	Lower	Upper
164	100		
129	100.4	69.8	129.6
131	96.4	66.4	123.2
166	125.7	91.1	169.3

