

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU045182.D
 Acq On : 06 Oct 2021 13:51
 Operator : SY/MD
 Sample : M3996-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A67

Quant Time: Oct 07 03:02:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

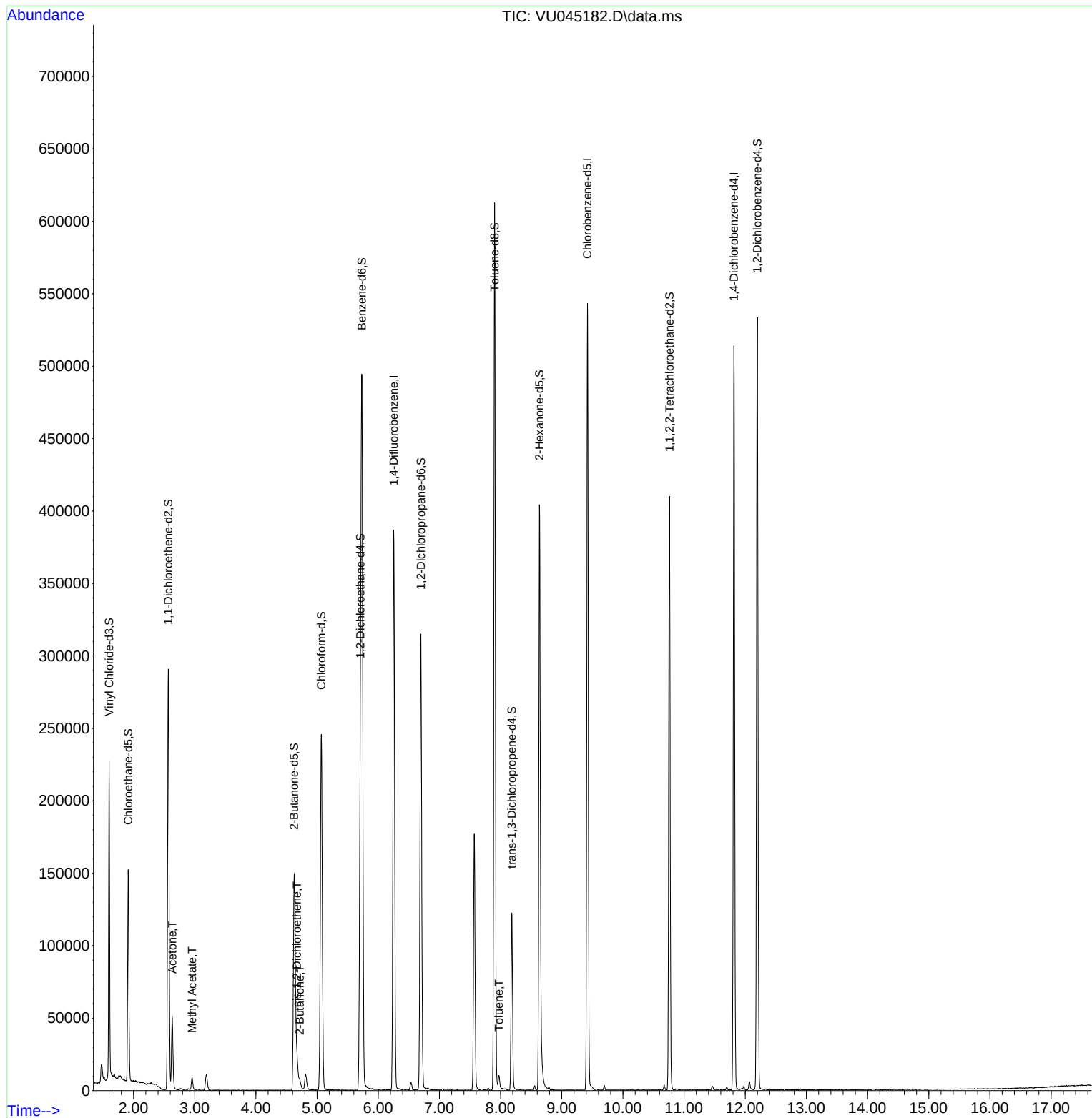
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	301025	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	284296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	124525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	141079	42.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.620%		
7) Chloroethane-d5	1.912	69	111165	42.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.140%		
11) 1,1-Dichloroethene-d2	2.568	63	174624	31.555	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.100%		
21) 2-Butanone-d5	4.626	46	212451	81.548	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.550%		
24) Chloroform-d	5.070	84	215067	41.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.640%		
26) 1,2-Dichloroethane-d4	5.706	65	150772	42.767	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.540%		
32) Benzene-d6	5.732	84	445872	45.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.400%		
36) 1,2-Dichloropropane-d6	6.697	67	142855	44.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.820%		
41) Toluene-d8	7.902	98	390189	45.833	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.660%		
43) trans-1,3-Dichloroprop...	8.182	79	65597	45.845	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.680%		
47) 2-Hexanone-d5	8.636	63	142264	79.809	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.810%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	202790	40.486	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.980%		
66) 1,2-Dichlorobenzene-d4	12.198	152	131584	48.555	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.100%		
Target Compounds						
					Qvalue	
13) Acetone	2.633	43	53413	17.736	ug/L	99
15) Methyl Acetate	2.957	43	10417	2.805	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	7570	2.798	ug/L	88
22) 2-Butanone	4.716	43	7736	2.295	ug/L	95
42) Toluene	7.973	91	5983	0.558	ug/L	100

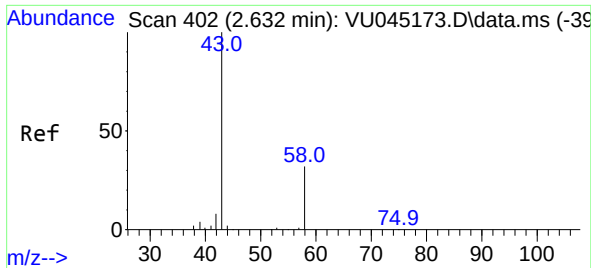
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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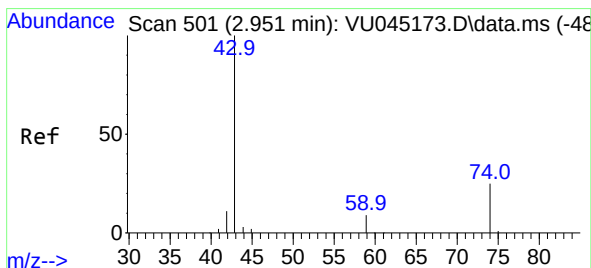
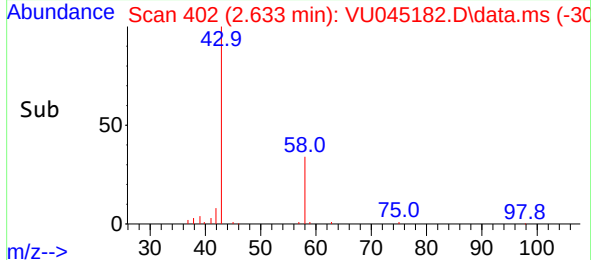
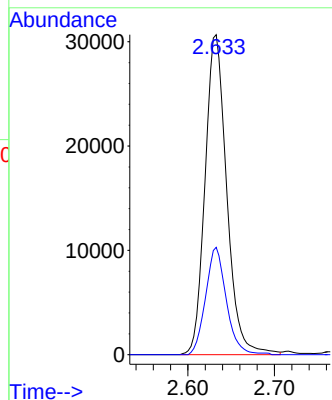
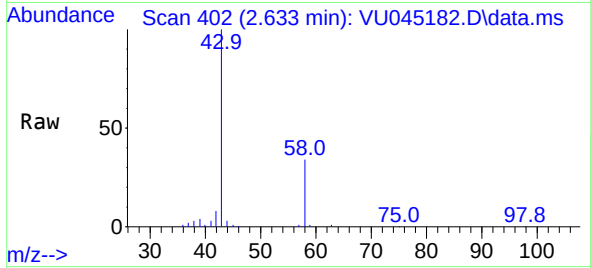




#13
Acetone
Concen: 17.736 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU045182.D
Acq: 06 Oct 2021 13:51

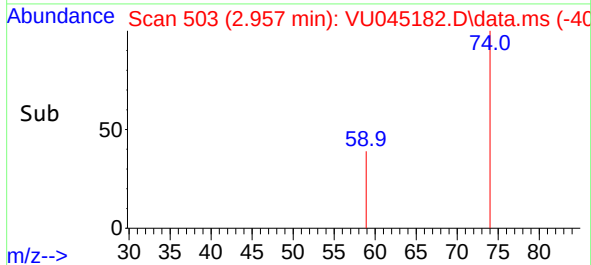
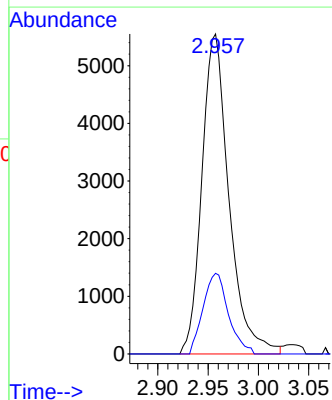
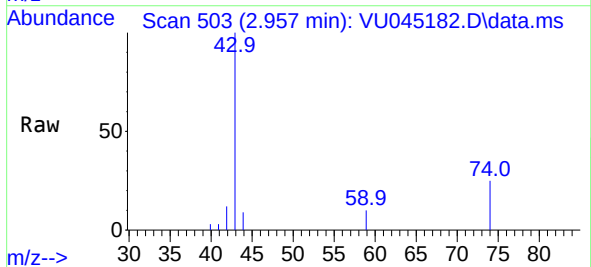
Instrument :
MSVOA_U
ClientSampleId :
F4A67

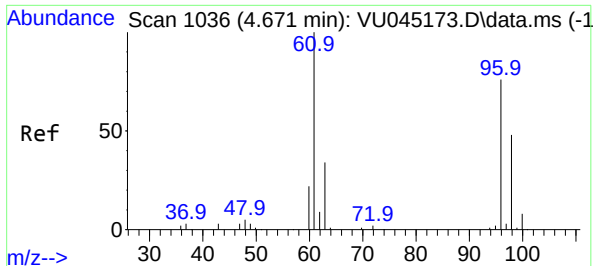
Tgt Ion: 43 Resp: 53413
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.8



#15
Methyl Acetate
Concen: 2.805 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU045182.D
Acq: 06 Oct 2021 13:51

Tgt Ion: 43 Resp: 10417
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6

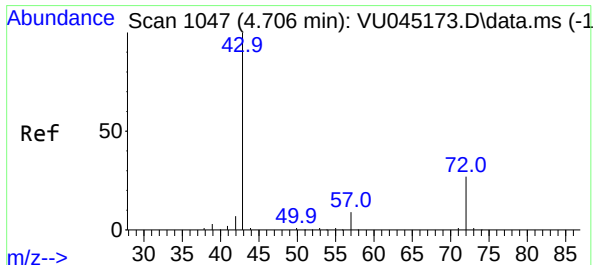
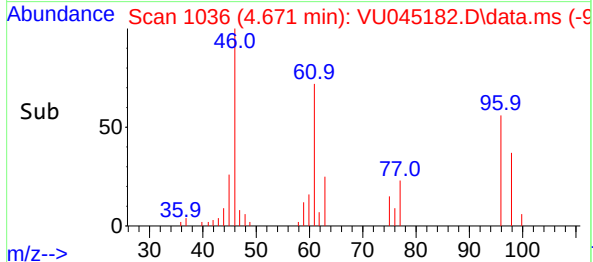
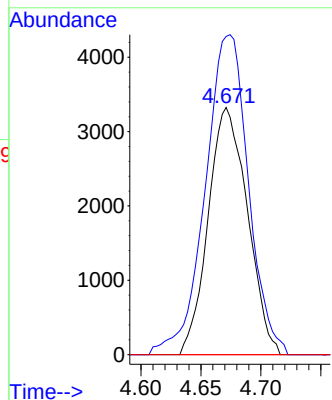
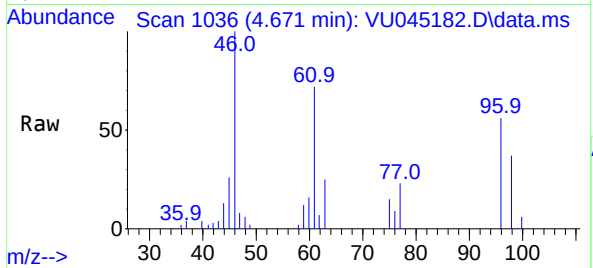




#20
cis-1,2-Dichloroethene
Concen: 2.798 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045182.D
Acq: 06 Oct 2021 13:51

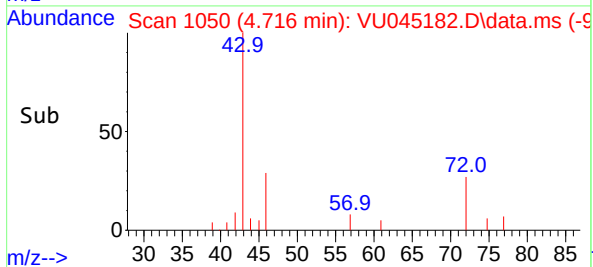
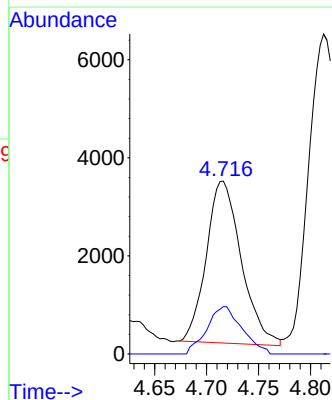
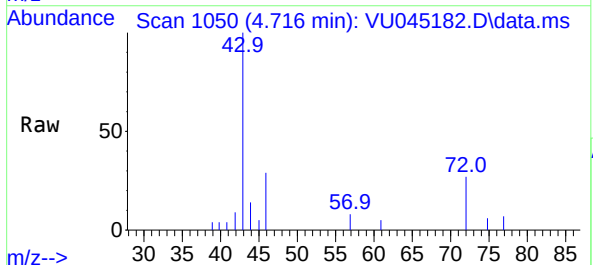
Instrument :
MSVOA_U
ClientSampled :
F4A67

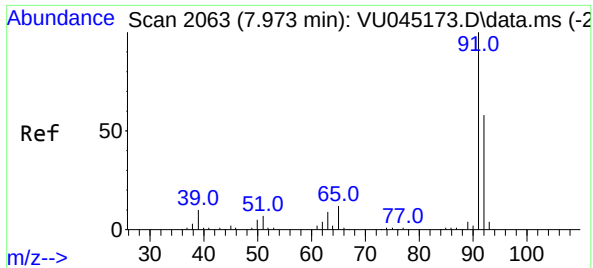
Tgt Ion: 96 Resp: 7570
Ion Ratio Lower Upper
96 100
61 128.8 100.2 186.0
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 2.295 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU045182.D
Acq: 06 Oct 2021 13:51

Tgt Ion: 43 Resp: 7736
Ion Ratio Lower Upper
43 100
72 29.2 13.3 39.9





#42
Toluene
Concen: 0.558 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045182.D
Acq: 06 Oct 2021 13:51

Instrument :
MSVOA_U
ClientSampleId :
F4A67

Tgt Ion: 91 Resp: 5983
Ion Ratio Lower Upper
91 100
92 57.7 40.5 75.1

