

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU045190.D
 Acq On : 06 Oct 2021 17:01
 Operator : SY/MD
 Sample : M3996-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A67

Quant Time: Oct 07 03:03:09 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)

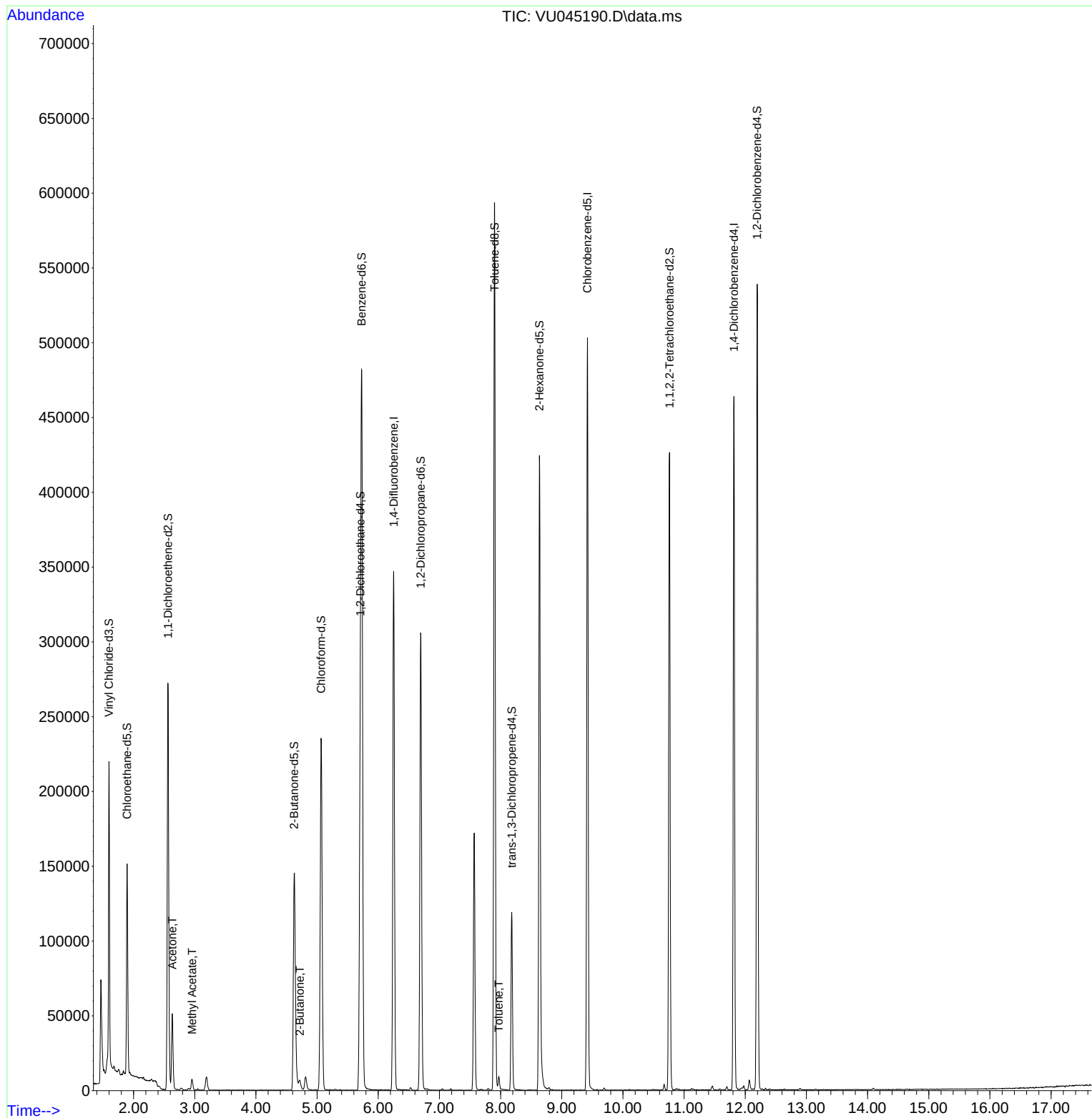
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	266964	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	259191	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	112136	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	133083	45.538	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.080%
7) Chloroethane-d5	1.893	69	107688	46.500	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.562	63	164989	33.617	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.240%
21) 2-Butanone-d5	4.626	46	209617	90.726	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.730%
24) Chloroform-d	5.067	84	204933	44.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.706	65	145714	46.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.220%
32) Benzene-d6	5.729	84	431823	48.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
36) 1,2-Dichloropropane-d6	6.694	67	138543	47.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.480%
41) Toluene-d8	7.903	98	375244	48.347	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.700%
43) trans-1,3-Dichloroprop...	8.182	79	62174	47.661	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.320%
47) 2-Hexanone-d5	8.636	63	146271	90.004	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.000%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	209239	45.820	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.640%
66) 1,2-Dichlorobenzene-d4	12.195	152	129280	52.975	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.960%
Target Compounds						
					Qvalue	
13) Acetone	2.633	43	54269	20.320	ug/L	99
15) Methyl Acetate	2.954	43	9294	2.822	ug/L	99
22) 2-Butanone	4.716	43	9011	3.015	ug/L	95
42) Toluene	7.970	91	5864	0.600	ug/L	93

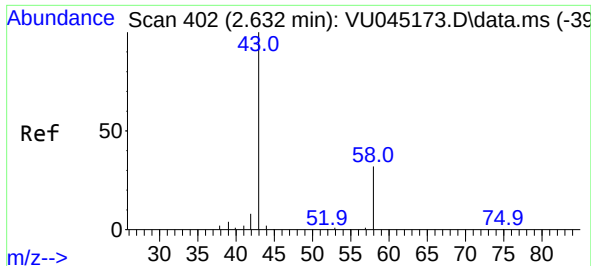
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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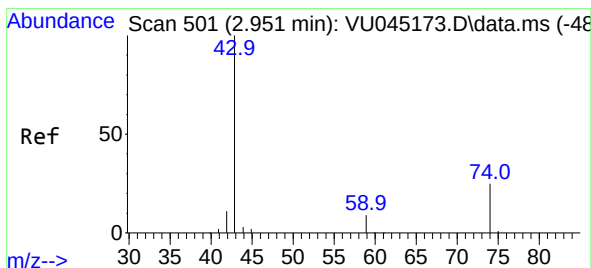
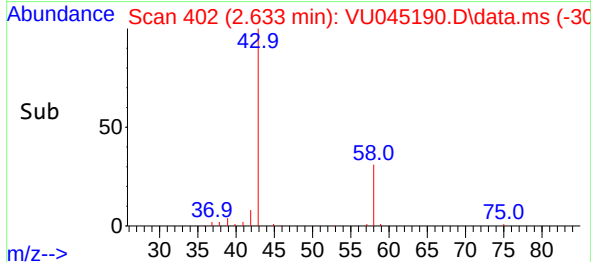
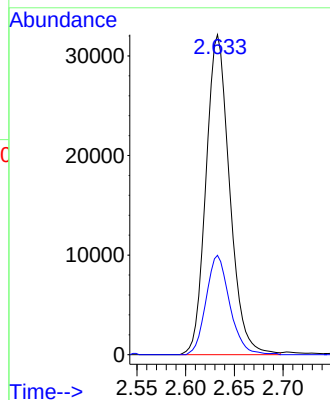
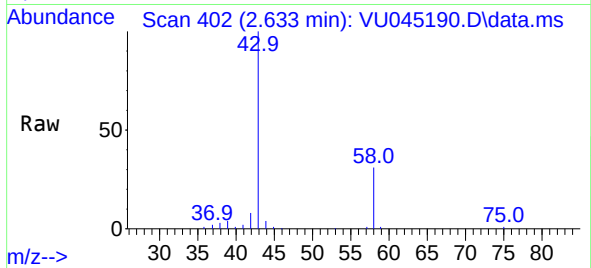




#13
Acetone
Concen: 20.320 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU045190.D
Acq: 06 Oct 2021 17:01

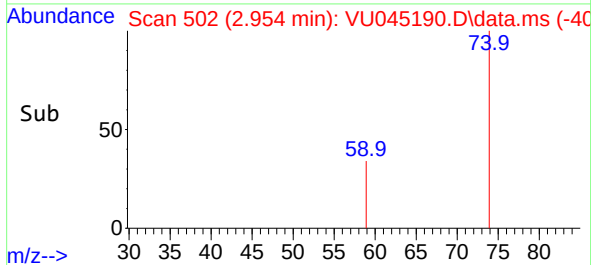
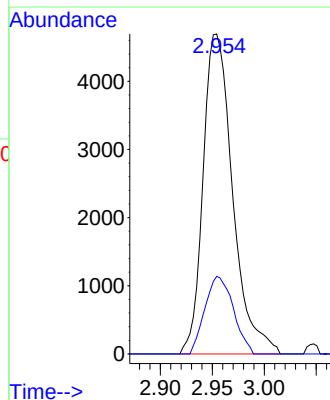
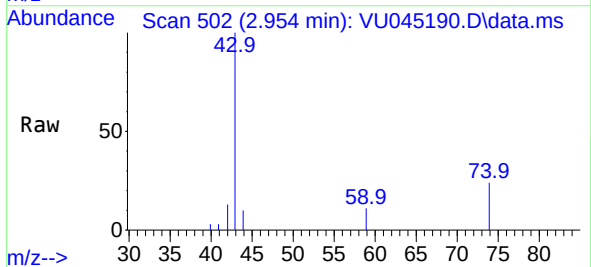
Instrument :
MSVOA_U
ClientSampleId :
F4A67

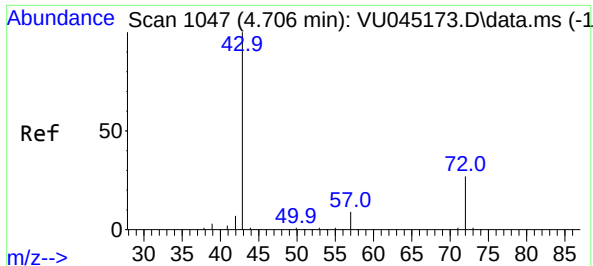
Tgt Ion: 43 Resp: 54269
Ion Ratio Lower Upper
43 100
58 30.9 0.0 62.8



#15
Methyl Acetate
Concen: 2.822 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU045190.D
Acq: 06 Oct 2021 17:01

Tgt Ion: 43 Resp: 9294
Ion Ratio Lower Upper
43 100
74 23.3 18.4 27.6





#22

2-Butanone

Concen: 3.015 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU045190.D

Acq: 06 Oct 2021 17:01

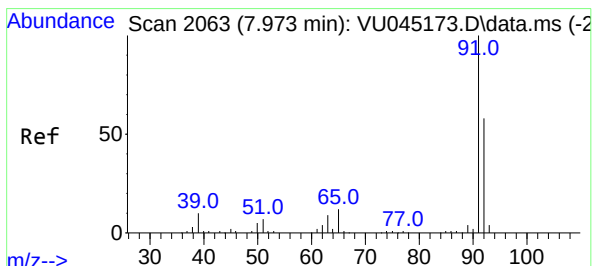
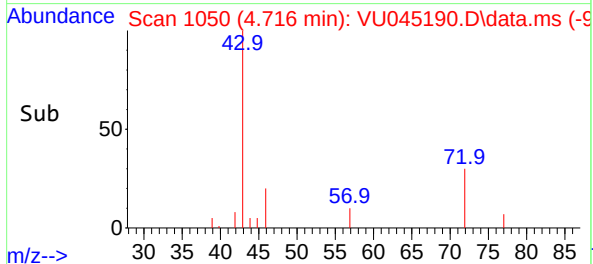
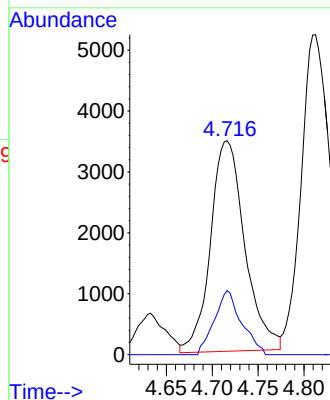
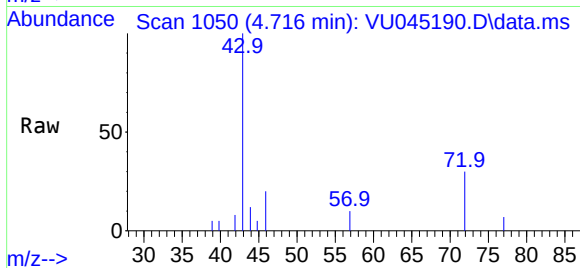
Instrument :
MSVOA_U
ClientSampled :
F4A67

Tgt Ion: 43 Resp: 9011

Ion Ratio Lower Upper

43 100

72 24.0 13.3 39.9



#42

Toluene

Concen: 0.600 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU045190.D

Acq: 06 Oct 2021 17:01

Tgt Ion: 91 Resp: 5864

Ion Ratio Lower Upper

91 100

92 52.5 40.5 75.1

