

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045089.D
 Acq On : 04 Oct 2021 12:29
 Operator : SY/MD
 Sample : M3997-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A52

Quant Time: Oct 05 02:43:37 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)

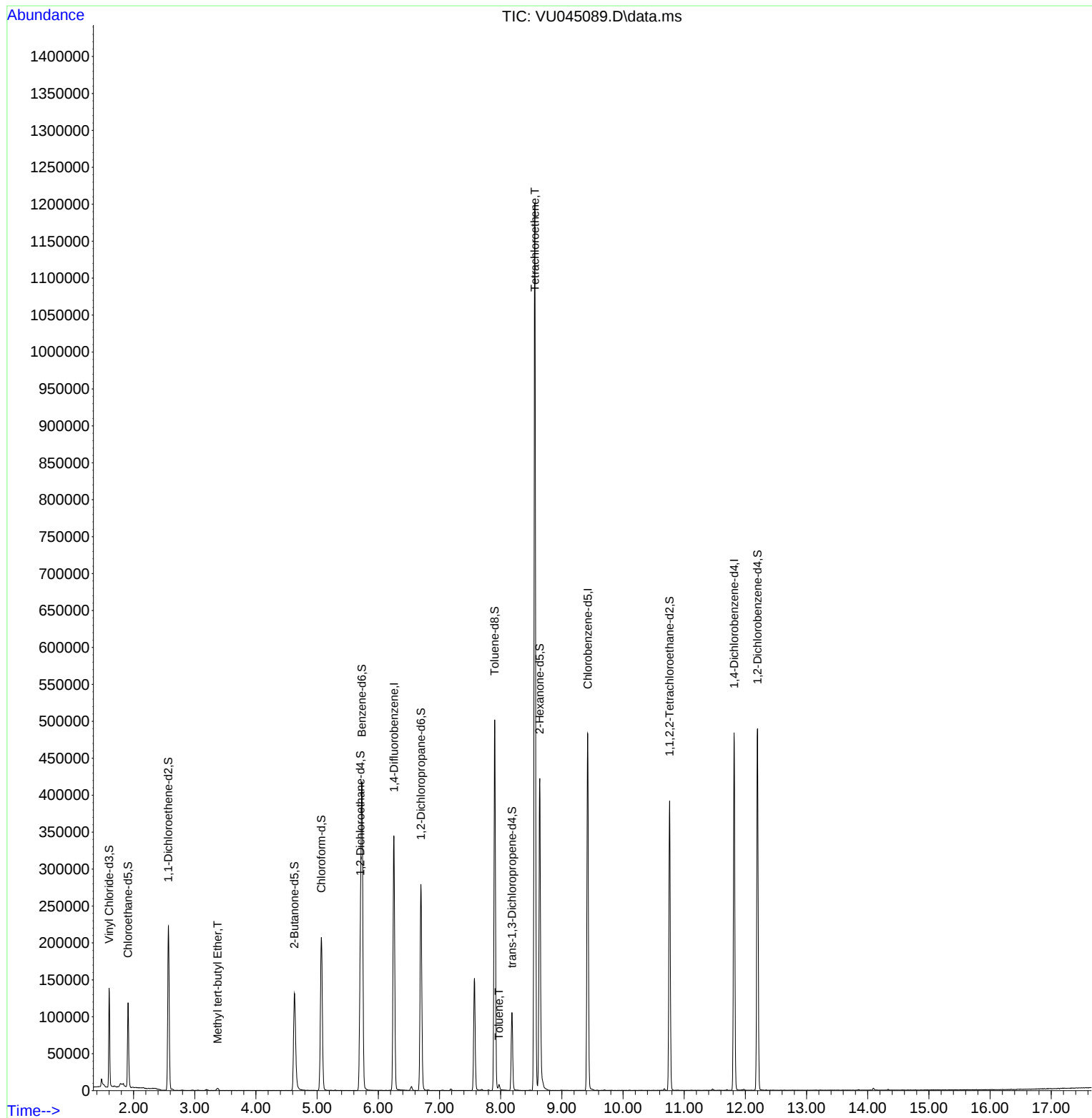
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	266331	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	253633	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	117670	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	93579	32.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.20%
7) Chloroethane-d5	1.909	69	85949	37.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	2.568	63	133118	27.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.38%#
21) 2-Butanone-d5	4.629	46	196397	85.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.21%
24) Chloroform-d	5.070	84	189819	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.44%
26) 1,2-Dichloroethane-d4	5.707	65	135485	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.88%
32) Benzene-d6	5.732	84	374172	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
36) 1,2-Dichloropropane-d6	6.697	67	124503	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.78%
41) Toluene-d8	7.903	98	318611	41.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.90%
43) trans-1,3-Dichloroprop...	8.186	79	57461	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.02%
47) 2-Hexanone-d5	8.639	63	147534	92.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.77%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	191731	42.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.82%
66) 1,2-Dichlorobenzene-d4	12.198	152	121101	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%
Target Compounds						
18) Methyl tert-butyl Ether	3.372	73	3389	0.47	ug/L	# 85
42) Toluene	7.973	91	5195	0.54	ug/L	98
46) Tetrachloroethene	8.559	164	250783	155.28	ug/L	97

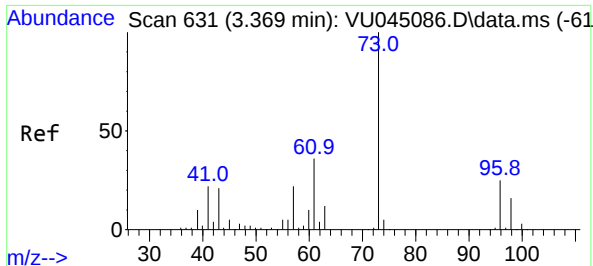
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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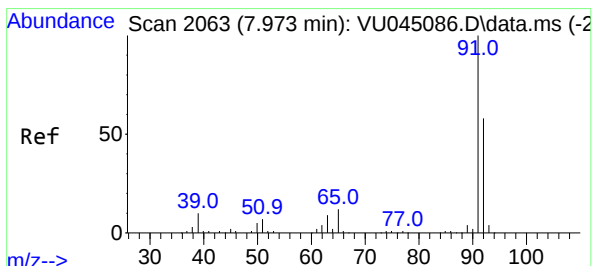
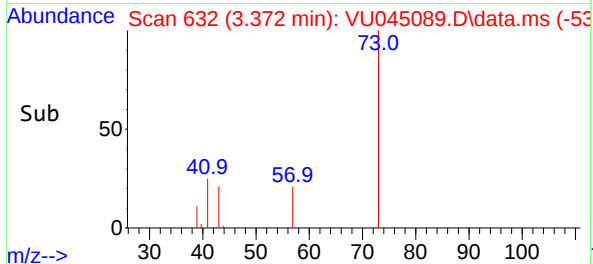
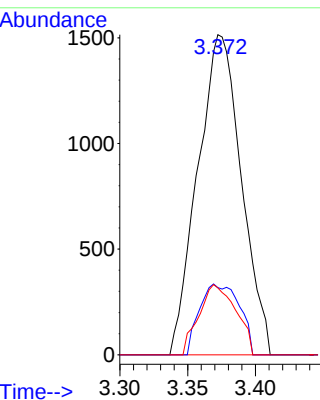
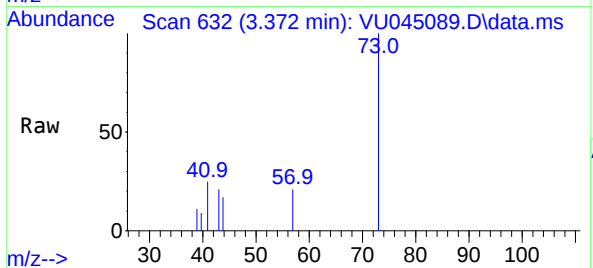


#18
Methyl tert-butyl Ether
Concen: 0.47 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045089.D
Acq: 04 Oct 2021 12:29

Instrument :
MSVOA_U
ClientSampled :
F4A52

Tgt Ion: 73 Resp: 3389

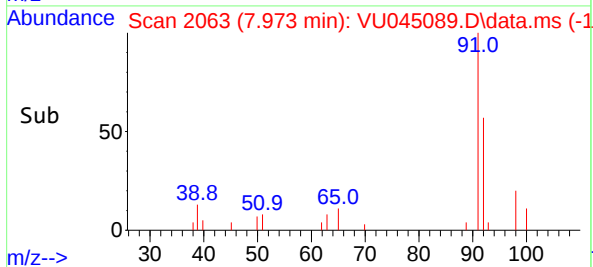
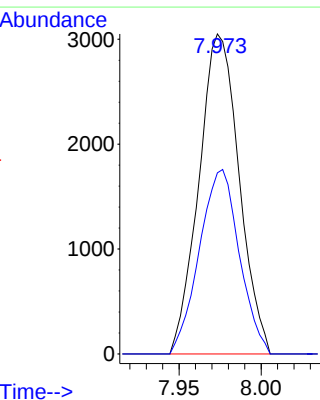
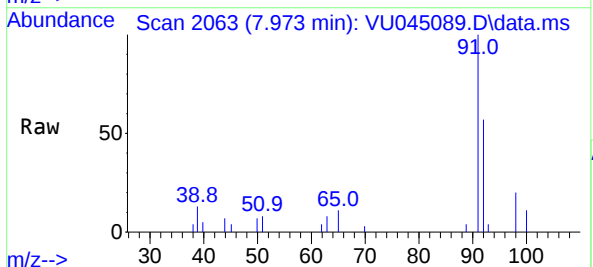
Ion	Ratio	Lower	Upper
73	100		
43	11.8	17.3	25.9#
57	18.6	18.7	28.1#

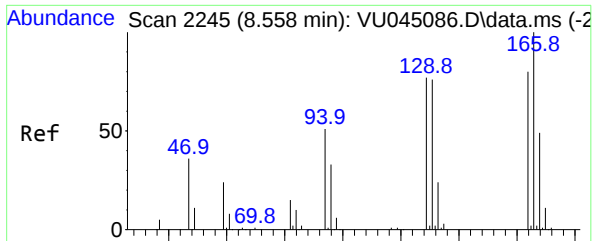


#42
Toluene
Concen: 0.54 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045089.D
Acq: 04 Oct 2021 12:29

Tgt Ion: 91 Resp: 5195

Ion	Ratio	Lower	Upper
91	100		
92	56.6	40.5	75.1





#46
Tetrachloroethene
Concen: 155.28 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045089.D
Acq: 04 Oct 2021 12:29

Instrument :
MSVOA_U
ClientSampleId :
F4A52

Tgt Ion:164 Resp: 250783

Ion	Ratio	Lower	Upper
164	100		
129	97.7	69.8	129.6
131	94.3	66.4	123.2
166	124.7	91.1	169.3

