

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043270.D
 Acq On : 22 Apr 2021 12:03
 Operator : SY/MD
 Sample : M2088-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4505

Quant Time: Apr 22 23:40:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

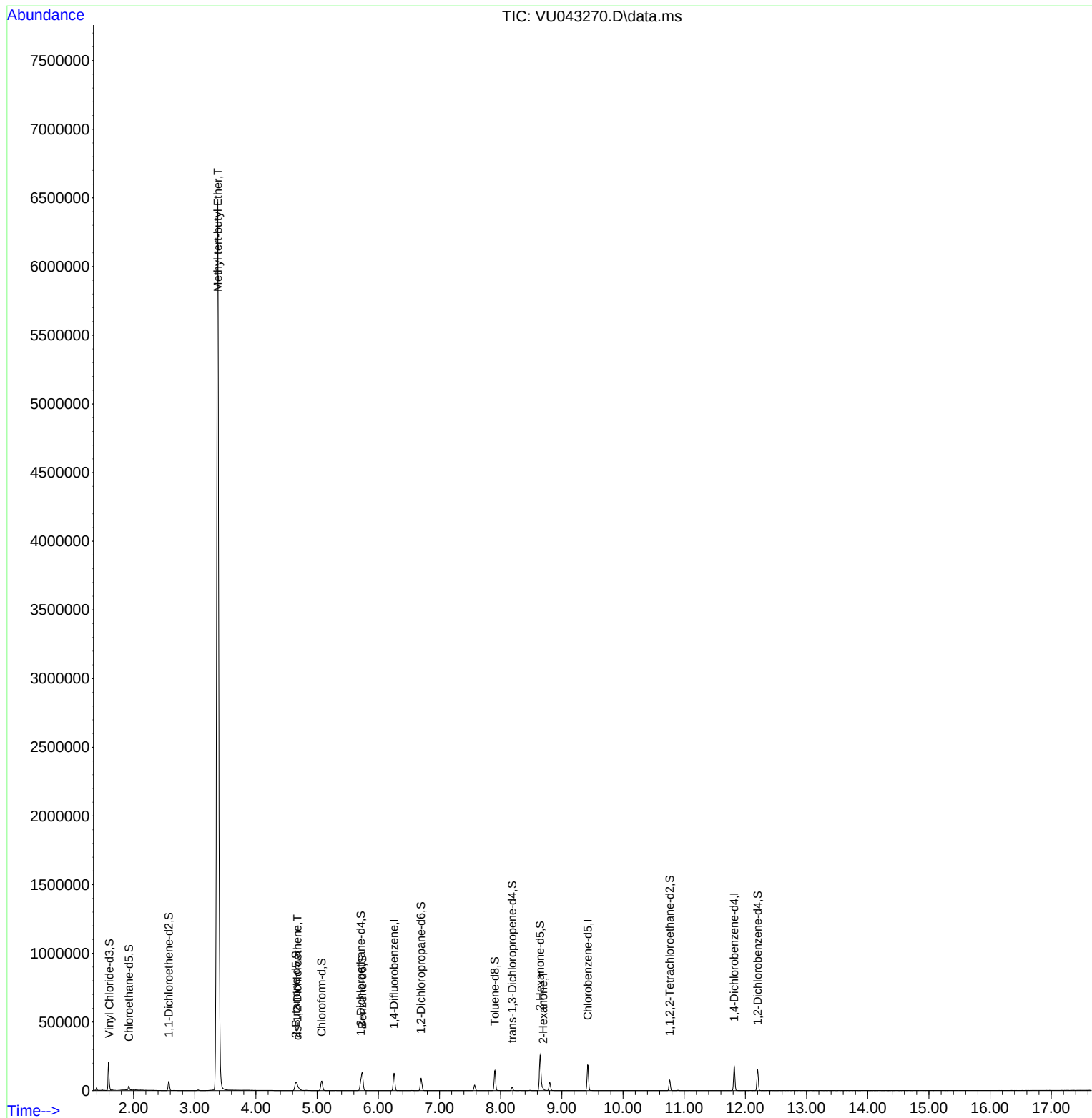
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	92210	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	92006	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41674	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19424	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.922	69	18578	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.575	65	12799	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.655	46	136141	66.20	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.40%#
24) Chloroform-d	5.073	84	62298	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.713	65	41999	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.738	84	106860	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.700	67	37243	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.906	98	88879	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloroprop...	8.189	79	13262	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.645	63	76083	48.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.24%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33917	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	37772	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.375	73	6814395	406.61	ug/L	# 92
22) cis-1,2-Dichloroethene	4.677	96	843	0.13	ug/L	78
48) 2-Hexanone	8.697	43	5707	1.25	ug/L	# 75

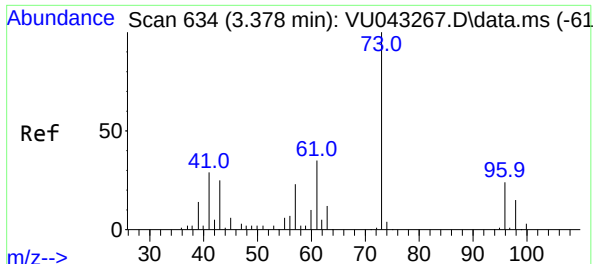
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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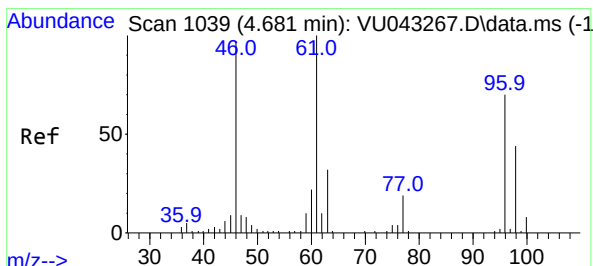
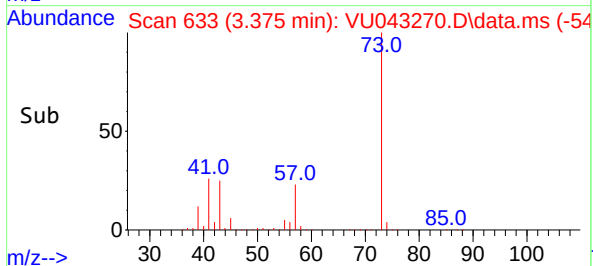
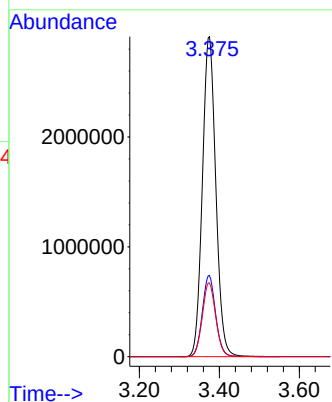
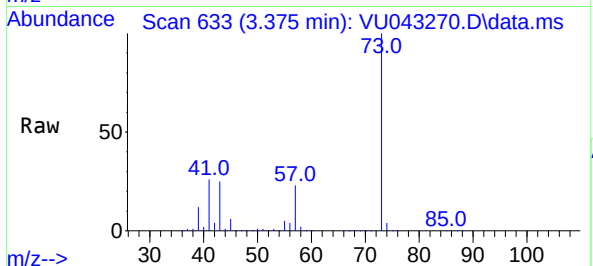


#17

Methyl tert-butyl Ether
 Concen: 406.61 ug/L
 RT: 3.375 min Scan# 633
 Delta R.T. -0.003 min
 Lab File: VU043270.D
 Acq: 22 Apr 2021 12:03

Instrument :
 MSVOA_U
 ClientSampled :
 H4505

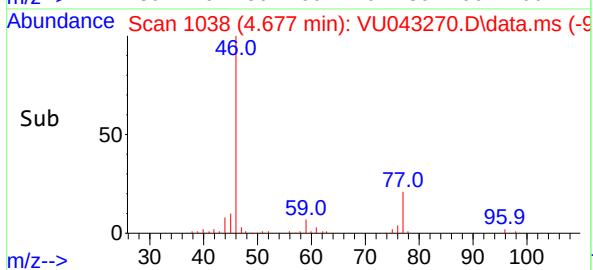
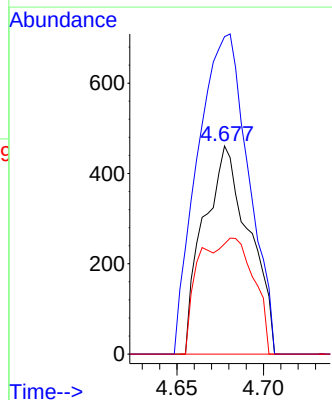
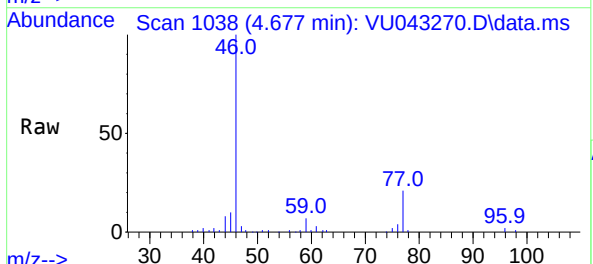
Tgt Ion: 73 Resp: 6814395
 Ion Ratio Lower Upper
 73 100
 43 25.1 15.0 22.4#
 57 23.0 17.3 25.9

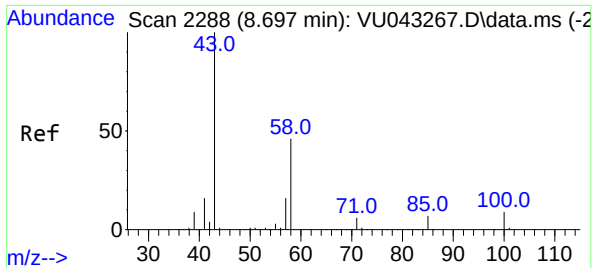


#22

cis-1,2-Dichloroethene
 Concen: 0.13 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. -0.003 min
 Lab File: VU043270.D
 Acq: 22 Apr 2021 12:03

Tgt Ion: 96 Resp: 843
 Ion Ratio Lower Upper
 96 100
 61 152.5 87.4 162.4
 98 52.9 47.7 88.5





#48
 2-Hexanone
 Concen: 1.25 ug/L
 RT: 8.697 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: VU043270.D
 Acq: 22 Apr 2021 12:03

Instrument :
 MSVOA_U
 ClientSampleId :
 H4505

Tgt Ion: 43 Resp: 5707

Ion	Ratio	Lower	Upper
43	100		
58	38.3	50.0	75.0#
57	16.0	17.4	26.0#
100	6.8	11.8	17.8#

