

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120823\
 Data File : VU056705.D
 Acq On : 08 Dec 2023 17:27
 Operator : MD/SY
 Sample : 05687-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 20:59:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 08 20:56:24 2023
 Response via : Initial Calibration

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

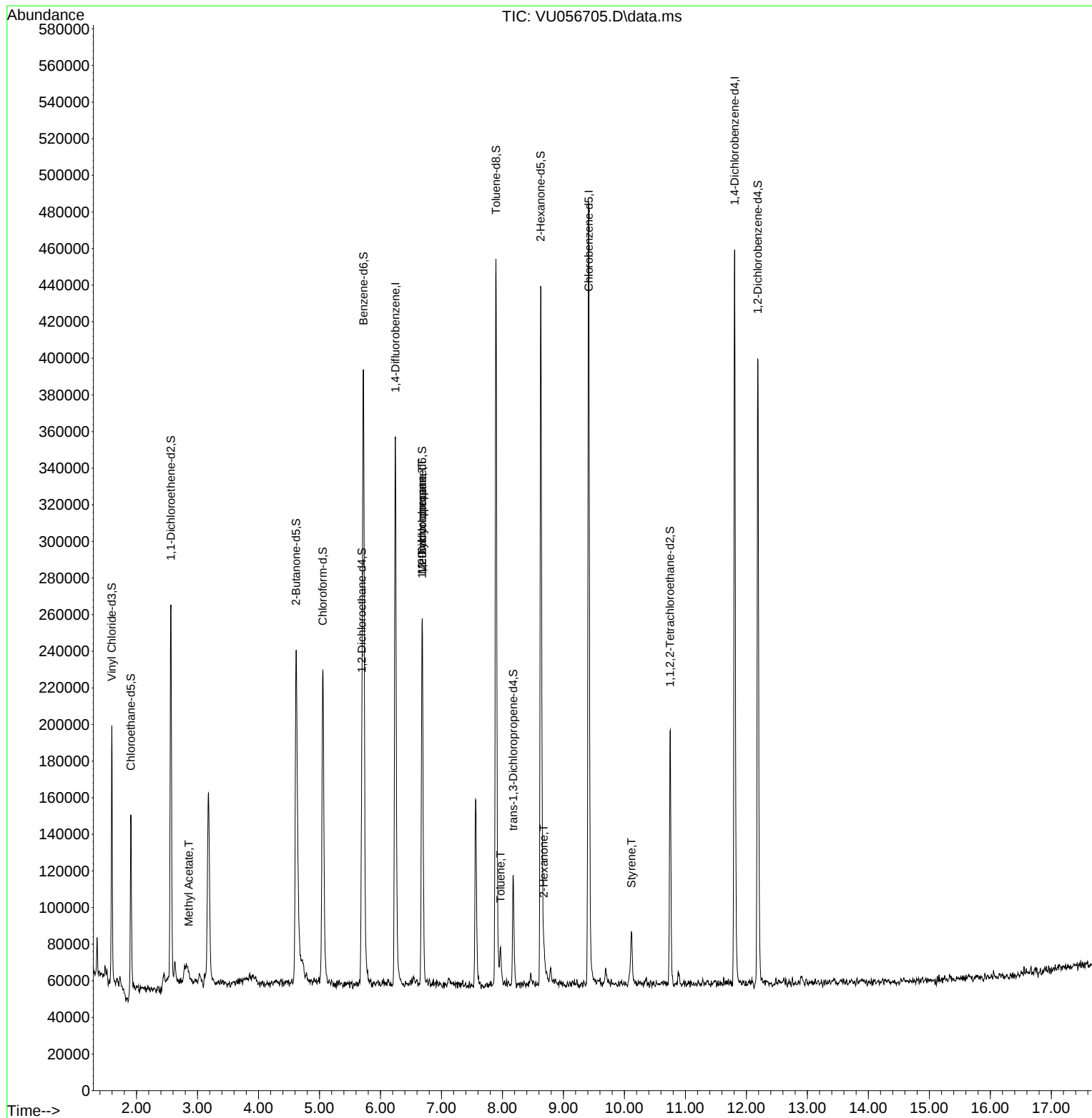
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	247994	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	249695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	108155	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	93411	5.036	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.907	69	70369	4.948	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 99.000%		
11) 1,1-Dichloroethene-d2	2.563	65	39737	4.854	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 97.000%		
20) 2-Butanone-d5	4.618	46	176903	47.828	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 95.660%		
24) Chloroform-d	5.055	84	165690	4.618	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 92.400%		
26) 1,2-Dichloroethane-d4	5.695	65	82401	4.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.400%		
32) Benzene-d6	5.721	84	328752	4.419	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 88.400%		
36) 1,2-Dichloropropane-d6	6.682	67	99776	4.450	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 89.000%		
41) Toluene-d8	7.894	98	274506	4.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 83.600%		
43) trans-1,3-Dichloroprop...	8.177	79	37160	4.321	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 86.400%		
46) 2-Hexanone-d5	8.627	63	131520	38.919	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 77.840%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	69216	4.320	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 86.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	91245	4.567	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 91.400%		
Target Compounds						
						Qvalue
15) Methyl Acetate	2.856	43	1049	0.187	ug/L #	67
35) Methylcyclohexane	6.685	83	23923	0.854	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	10767	0.579	ug/L #	89
42) Toluene	7.968	91	13540	0.184	ug/L	90
48) 2-Hexanone	8.679	43	6040	0.842	ug/L #	88
55) Styrene	10.116	104	15276	0.314	ug/L	98

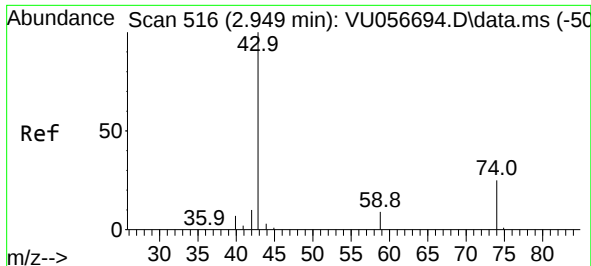
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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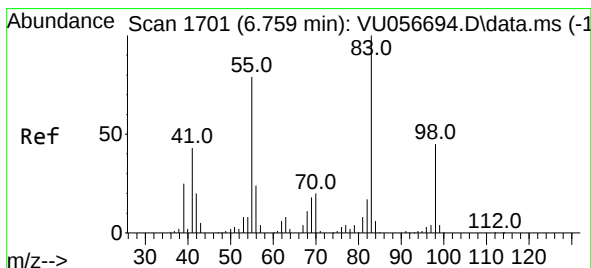
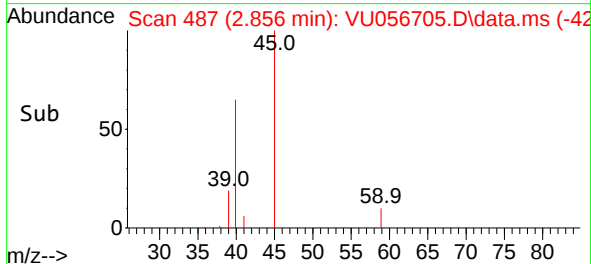
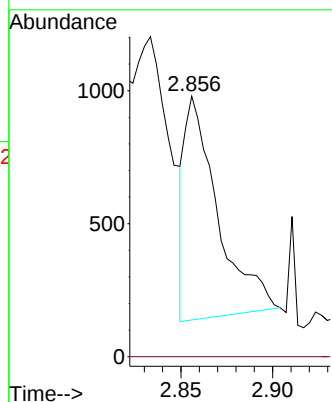
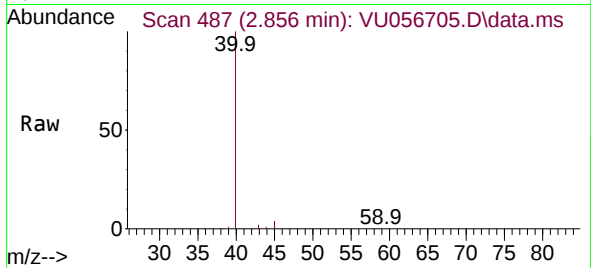




#15
Methyl Acetate
Concen: 0.187 ug/L
RT: 2.856 min Scan# 41
Delta R.T. -0.093 min
Lab File: VU056705.D
Acq: 08 Dec 2023 17:27

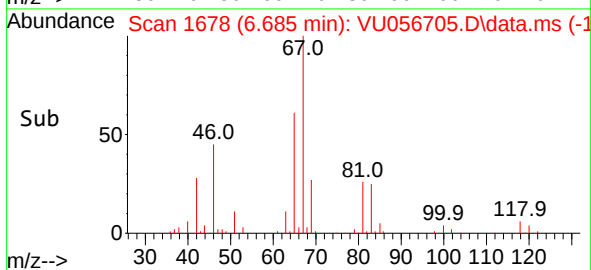
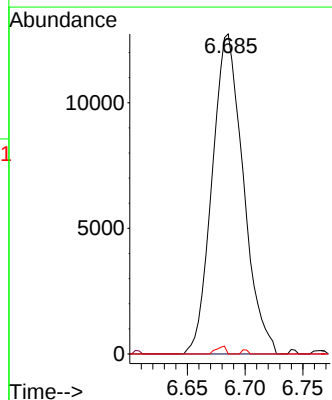
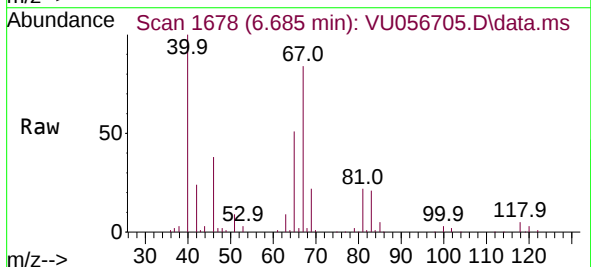
Instrument :
MSVOA_U
ClientSampleId :

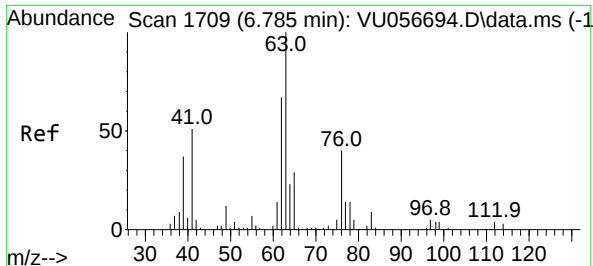
Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
74 9.0 20.6 31.0#



#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056705.D
Acq: 08 Dec 2023 17:27

Tgt Ion: 83 Resp: 23923
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.7 35.3 52.9#

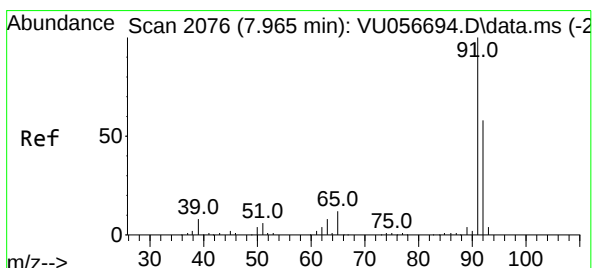
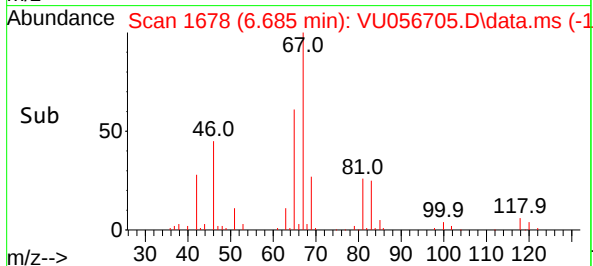
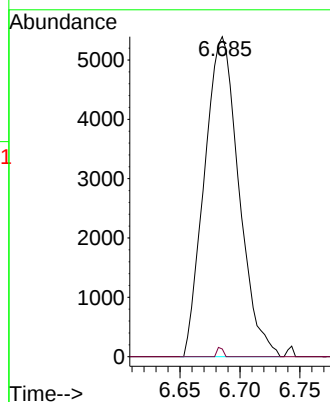
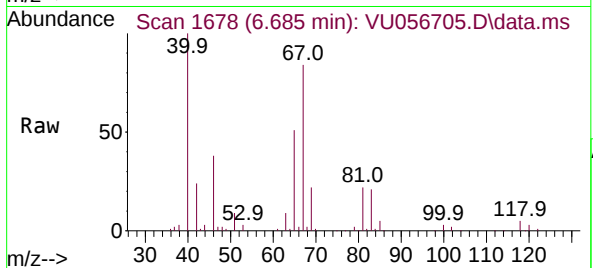




#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU056705.D
Acq: 08 Dec 2023 17:27

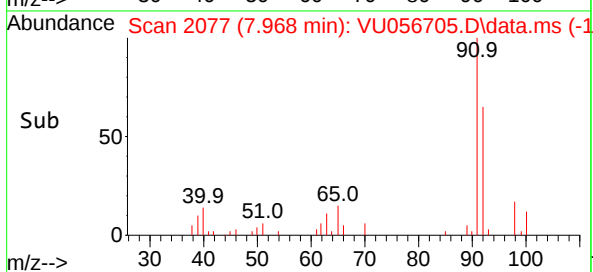
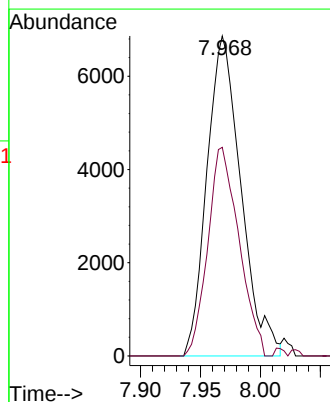
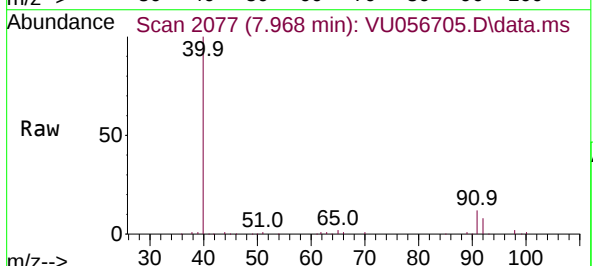
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MSVOA_U
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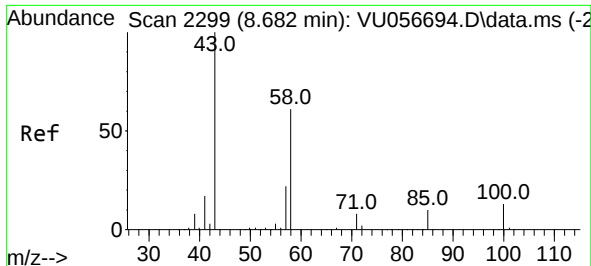
Tgt Ion: 63 Resp: 10767
Ion Ratio Lower Upper
63 100
112 0.5 3.2 4.8#



#42
Toluene
Concen: 0.184 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU056705.D
Acq: 08 Dec 2023 17:27

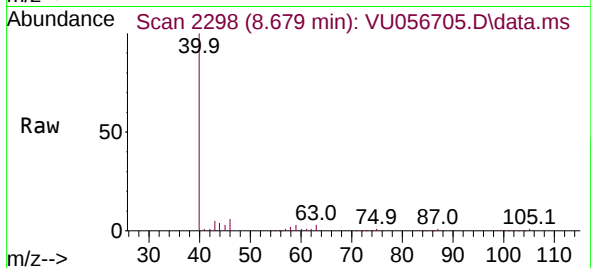
Tgt Ion: 91 Resp: 13540
Ion Ratio Lower Upper
91 100
92 65.2 40.6 75.4



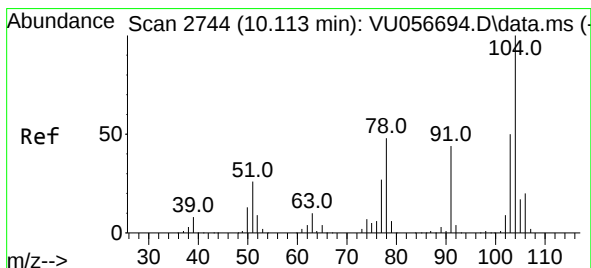
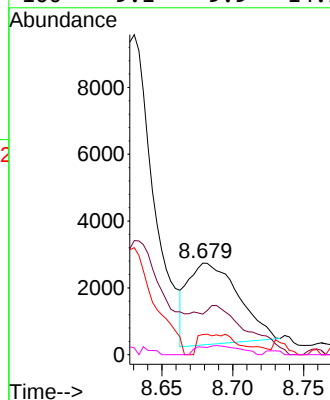
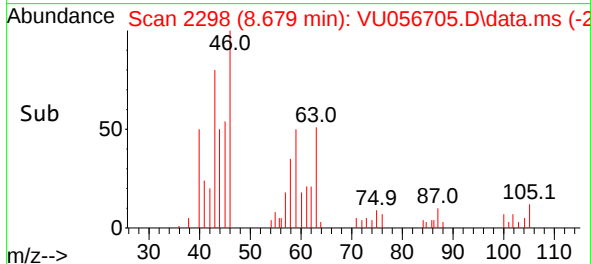


#48
2-Hexanone
Concen: 0.842 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056705.D
Acq: 08 Dec 2023 17:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 6040
Ion Ratio Lower Upper
43 100
58 47.9 48.7 73.1#
57 21.4 16.8 25.2
100 9.1 9.9 14.9#



#55
Styrene
Concen: 0.314 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VU056705.D
Acq: 08 Dec 2023 17:27

Tgt Ion:104 Resp: 15276
Ion Ratio Lower Upper
104 100
78 47.3 34.2 63.6

