

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090821\
 Data File : VU044606.D
 Acq On : 08 Sep 2021 13:09
 Operator : SY/MD
 Sample : M3596-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 09 07:37:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 09 07:35:45 2021
 Response via : Initial Calibration

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

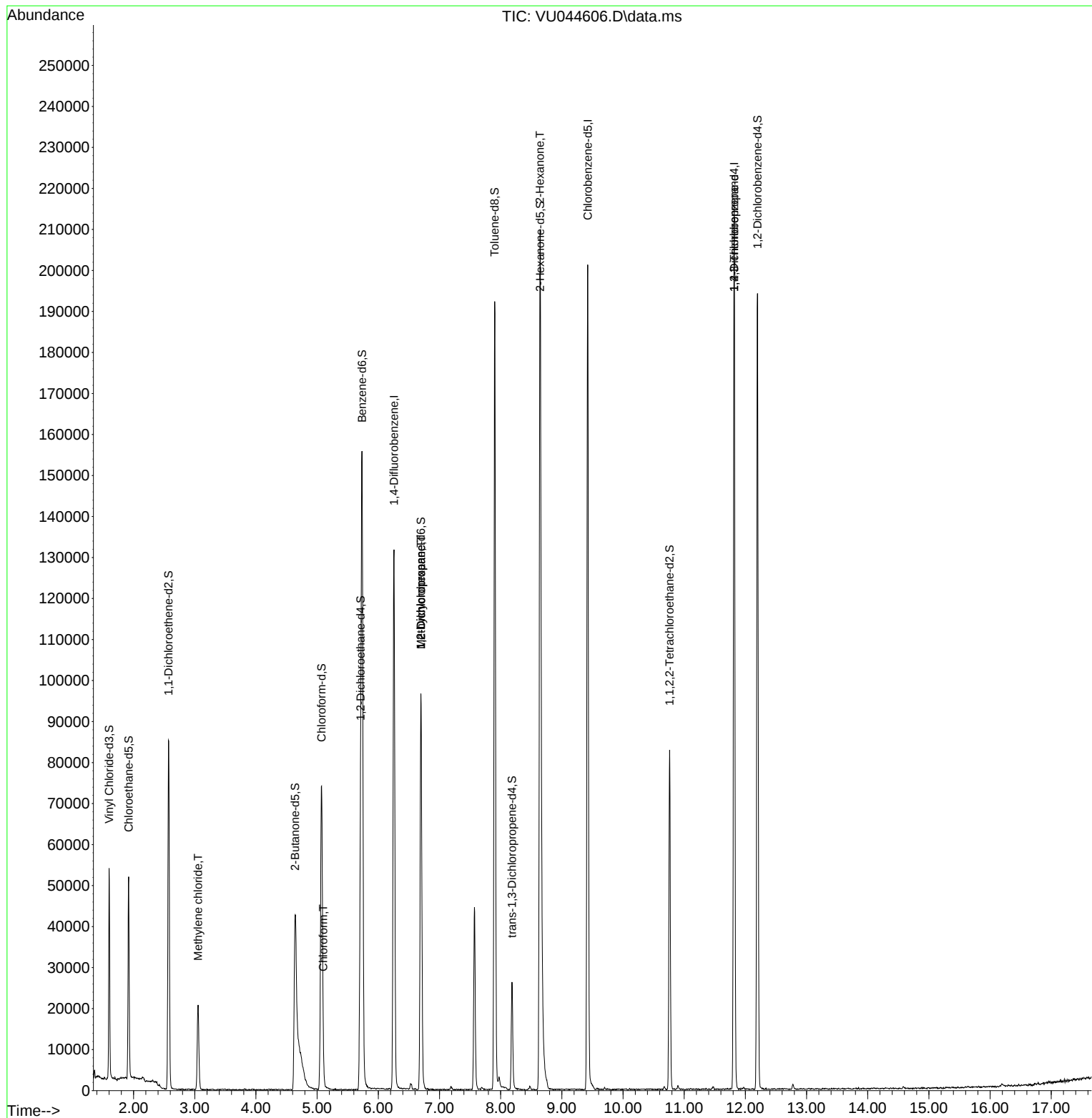
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	112647	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	116173	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	58708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35511	3.898	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.000%	
7) Chloroethane-d5	1.919	69	36892	4.659	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.200%	
11) 1,1-Dichloroethene-d2	2.572	65	15994	4.127	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.600%	
20) 2-Butanone-d5	4.642	46	111114	44.099	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.200%	
24) Chloroform-d	5.073	84	70231	4.360	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	5.710	65	41067	4.675	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	5.735	84	149815	4.580	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.697	67	46337	4.428	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.600%	
41) Toluene-d8	7.903	98	130137	4.486	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...	8.185	79	15603	4.151	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.645	63	96568	47.513	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.020%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41281	4.683	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	12.198	152	52175	5.260	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.200%	
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	10465	0.814	ug/L	90
25) Chloroform	5.099	83	5115	0.285	ug/L	93
35) Methylcyclohexane	6.697	83	11573	0.712	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	5032	0.488	ug/L #	88
48) 2-Hexanone	8.642	43	12520	2.504	ug/L #	66
61) 1,2,3-Trichloropropane	11.816	75	7116	0.970	ug/L #	66

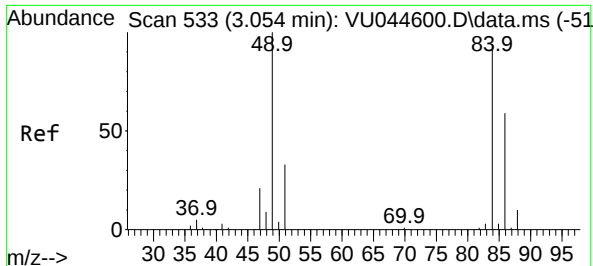
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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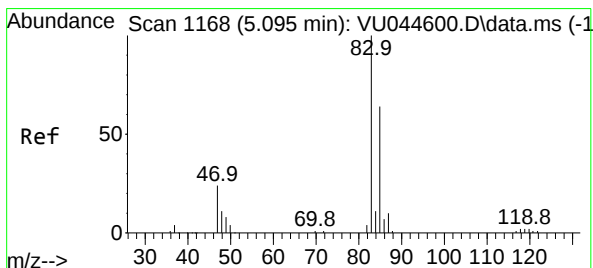
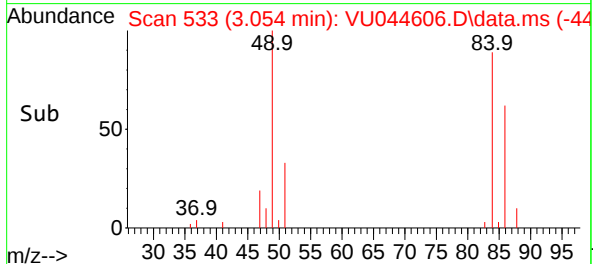
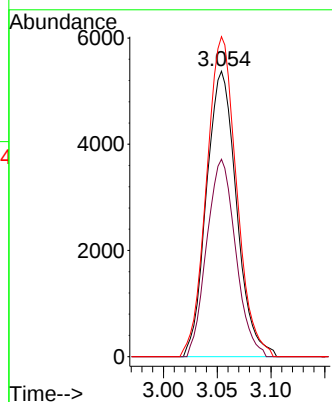
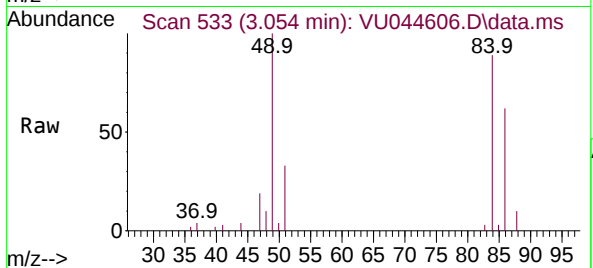




#16
Methylene chloride
Concen: 0.814 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044606.D
Acq: 08 Sep 2021 13:09

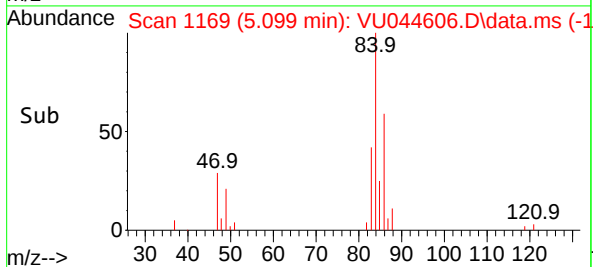
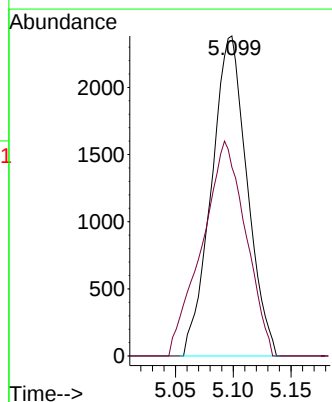
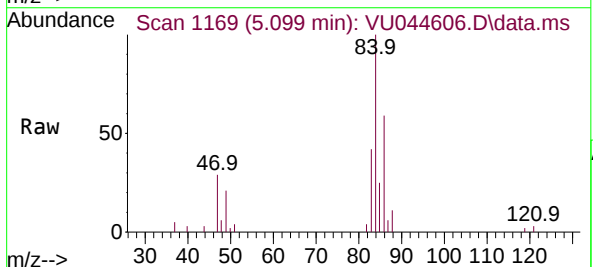
Instrument :
MSVOA_U
ClientSampled :

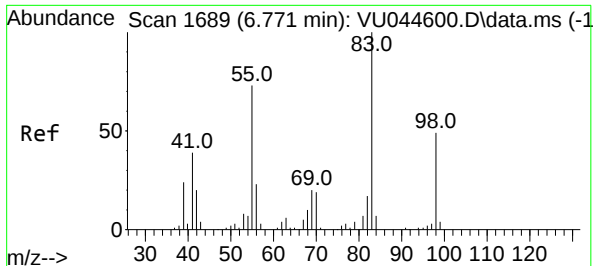
Tgt Ion: 84 Resp: 10465
Ion Ratio Lower Upper
84 100
86 69.2 45.2 84.0
49 112.1 88.8 165.0



#25
Chloroform
Concen: 0.285 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU044606.D
Acq: 08 Sep 2021 13:09

Tgt Ion: 83 Resp: 5115
Ion Ratio Lower Upper
83 100
85 59.0 45.3 84.1

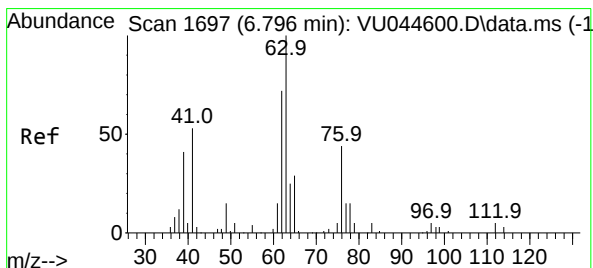
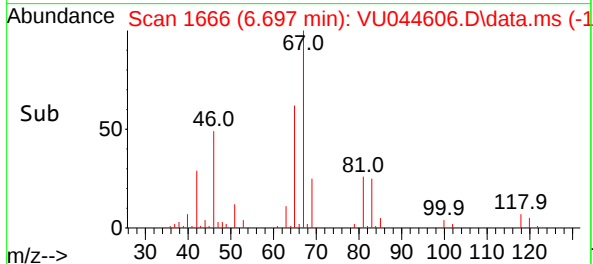
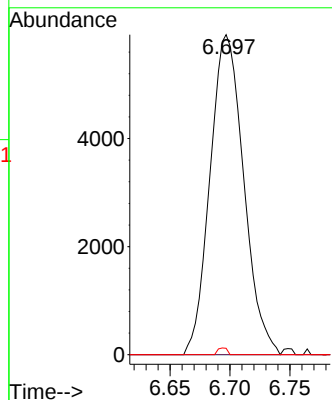
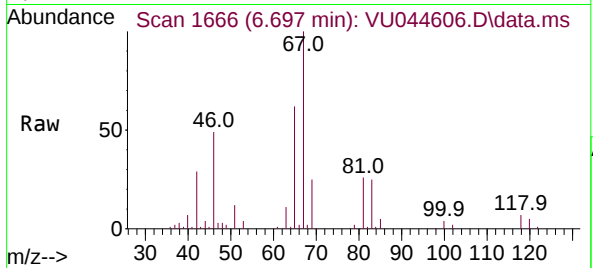




#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044606.D
Acq: 08 Sep 2021 13:09

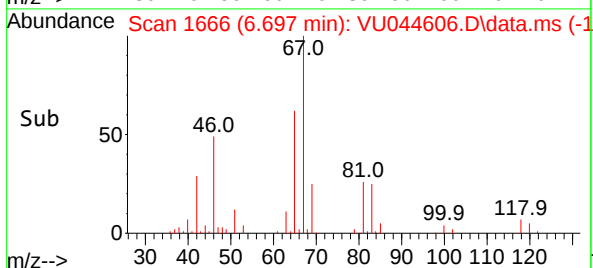
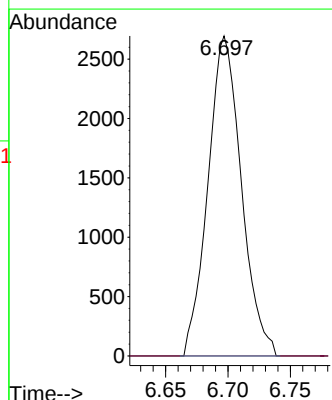
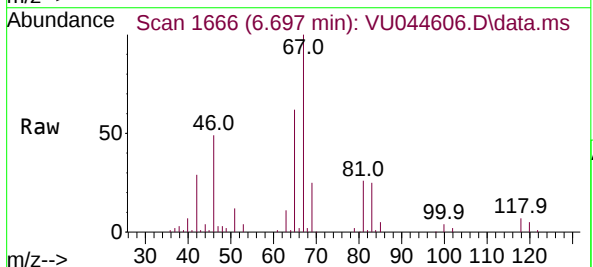
Instrument :
MSVOA_U
ClientSampleId :

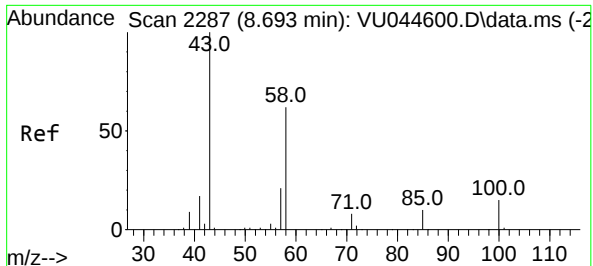
Tgt Ion: 83 Resp: 11573
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.6 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044606.D
Acq: 08 Sep 2021 13:09

Tgt Ion: 63 Resp: 5032
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

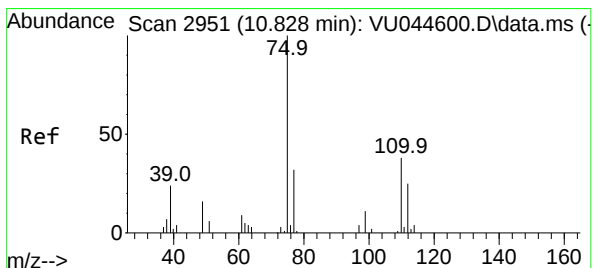
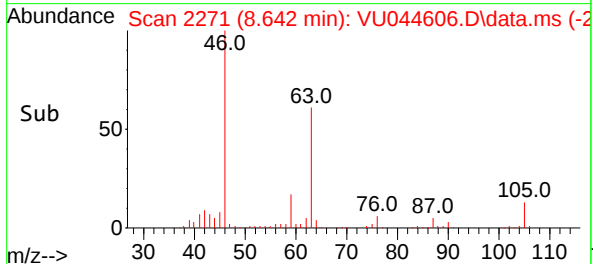
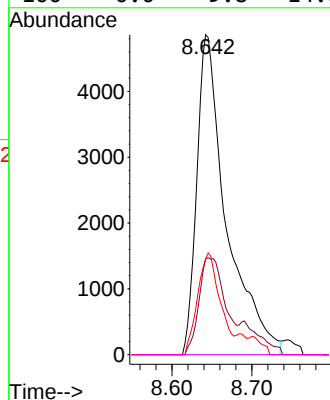
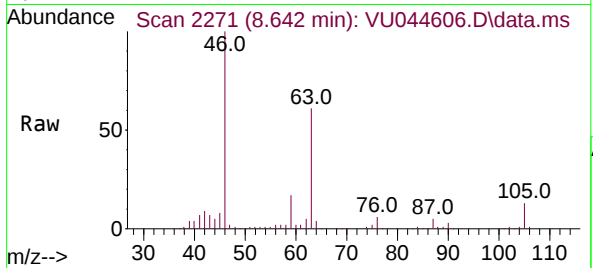




#48
2-Hexanone
Concen: 2.504 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.051 min
Lab File: VU044606.D
Acq: 08 Sep 2021 13:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 12520
Ion Ratio	Lower Upper
43 100	
58 26.5	46.5 69.7#
57 24.3	15.8 23.8#
100 0.0	9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 0.970 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044606.D
Acq: 08 Sep 2021 13:09

Tgt Ion: 75	Resp: 7116
Ion Ratio	Lower Upper
75 100	
110 1.5	28.4 42.6#
77 29.1	26.5 39.7

