

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120623\
 Data File : VU056673.D
 Acq On : 06 Dec 2023 18:58
 Operator : MD/SY
 Sample : 05642-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 04:56:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

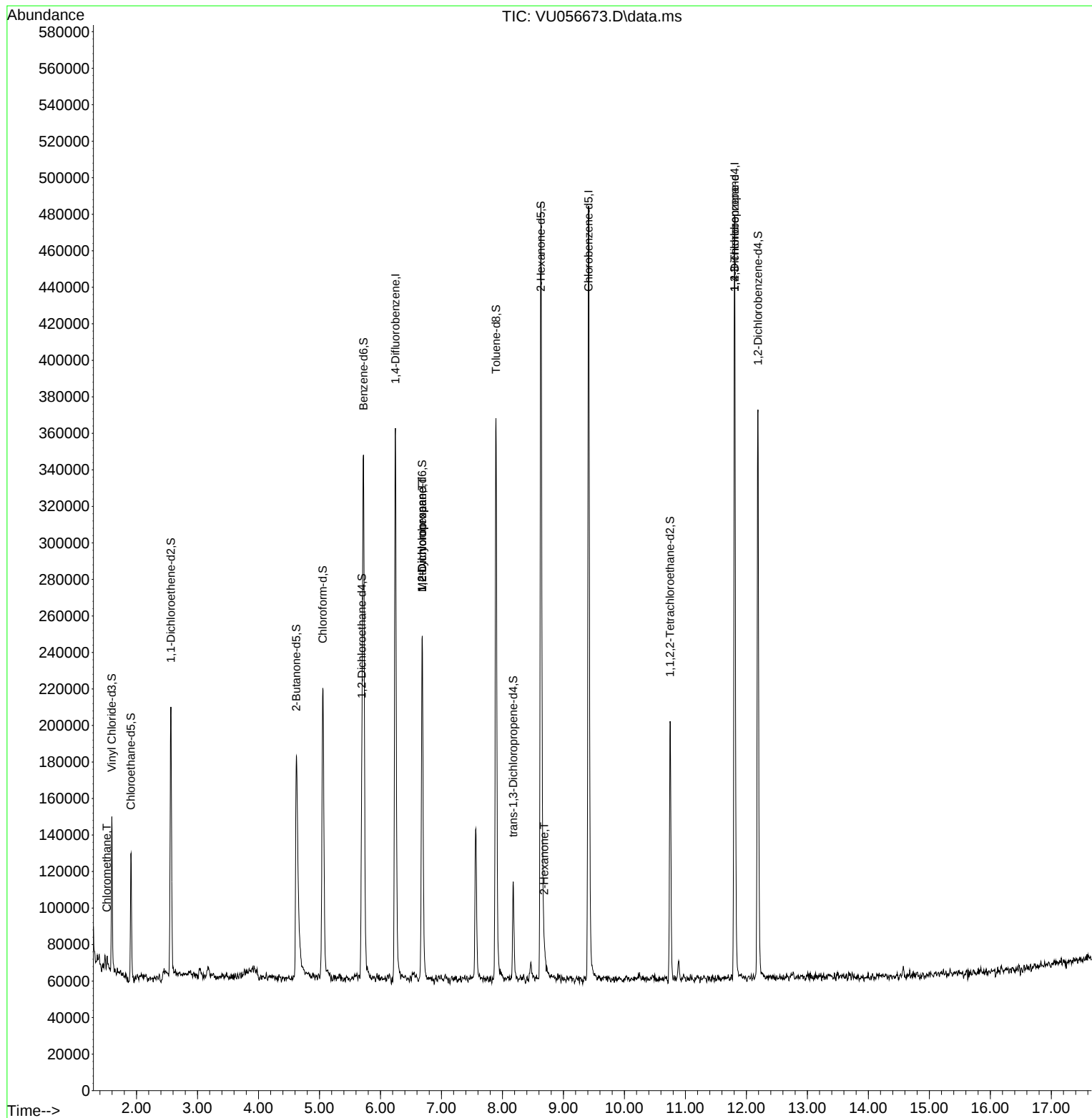
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	246293	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	255217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	60243	3.270	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.400%	
7) Chloroethane-d5	1.907	69	51962	3.679	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.600%	
11) 1,1-Dichloroethene-d2	2.563	65	28901	3.555	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.000%	
20) 2-Butanone-d5	4.621	46	206447	56.201	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.400%	
24) Chloroform-d	5.055	84	154207	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
26) 1,2-Dichloroethane-d4	5.695	65	76357	4.637	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.721	84	279076	3.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.400%	
36) 1,2-Dichloropropane-d6	6.685	67	92649	4.043	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.800%	
41) Toluene-d8	7.894	98	218412	3.253	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.000%#	
43) trans-1,3-Dichloroprop...	8.177	79	31595	3.595	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.800%	
46) 2-Hexanone-d5	8.630	63	146686	42.468	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.940%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	71511	4.367	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	82943	3.994	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.800%#	
Target Compounds						
3) Chloromethane	1.515	50	5392	0.270	ug/L	93
35) Methylcyclohexane	6.685	83	21708	0.758	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9935	0.523	ug/L #	88
48) 2-Hexanone	8.685	43	5310	0.724	ug/L #	80
61) 1,2,3-Trichloropropane	11.807	75	13798	1.430	ug/L #	68

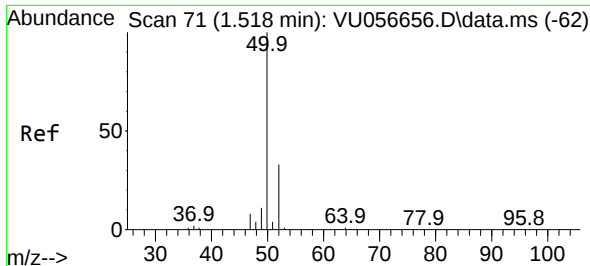
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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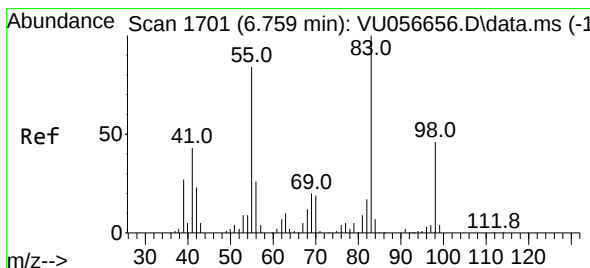
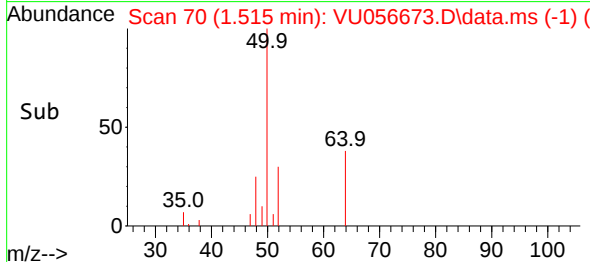
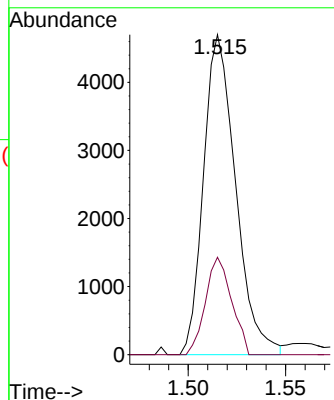
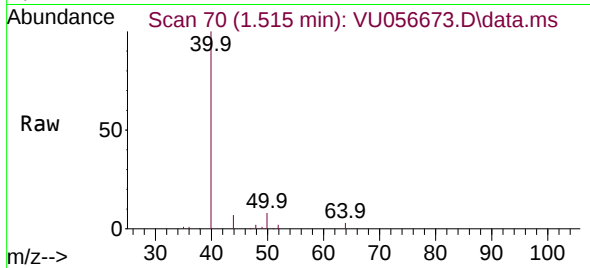




#3
Chloromethane
Concen: 0.270 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU056673.D
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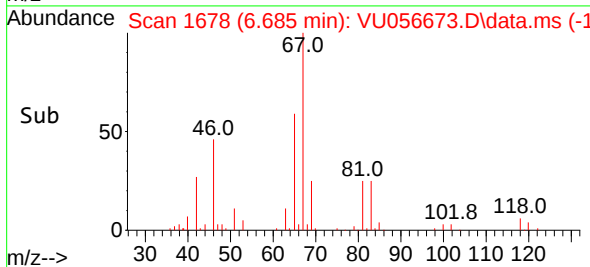
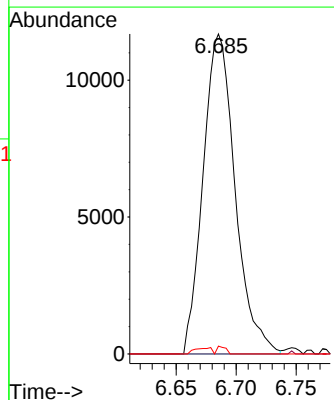
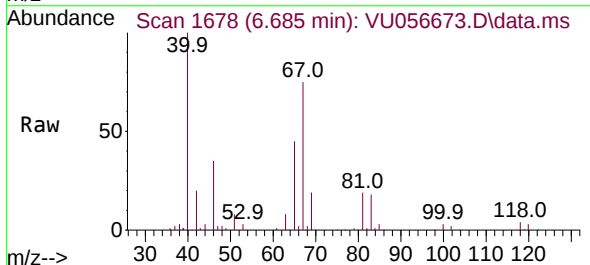
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MSVOA_U
ClientSampleId :

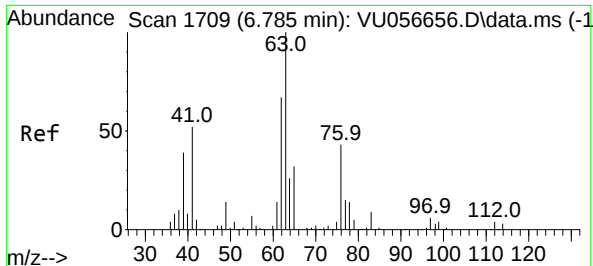
Tgt Ion: 50 Resp: 5392
Ion Ratio Lower Upper
50 100
52 30.5 24.3 45.1



#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056673.D
Acq: 06 Dec 2023 18:58

Tgt Ion: 83 Resp: 21708
Ion Ratio Lower Upper
83 100
55 0.1 62.9 94.3#
98 0.7 35.3 52.9#

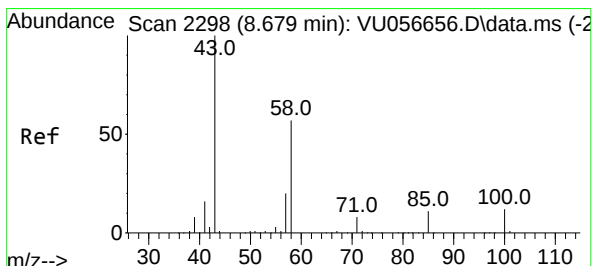
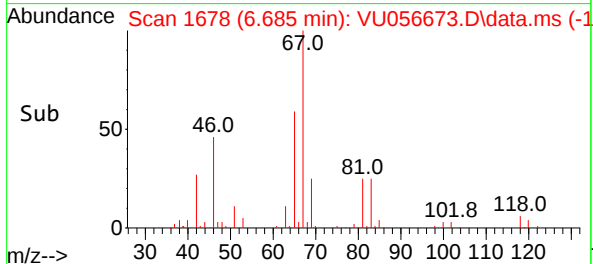
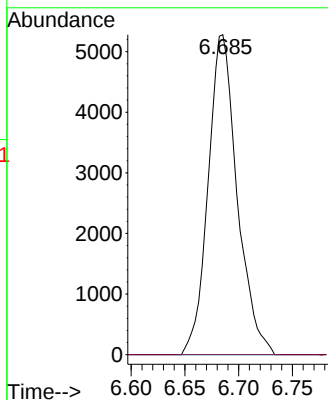
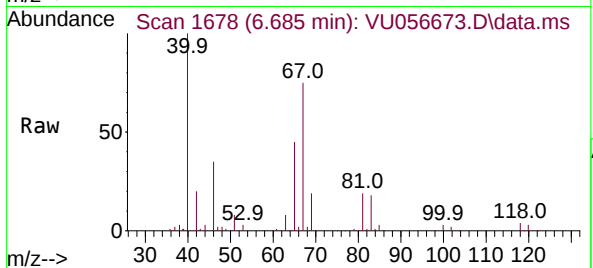




#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056673.D
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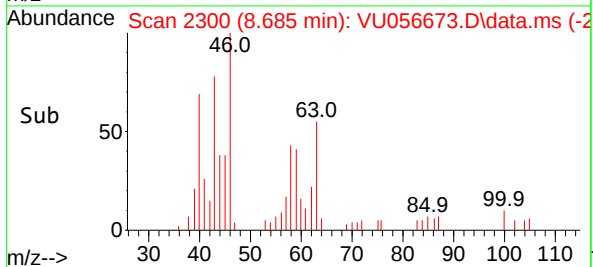
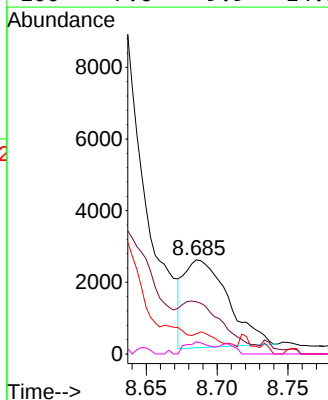
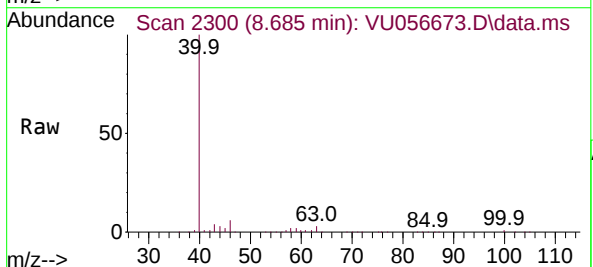
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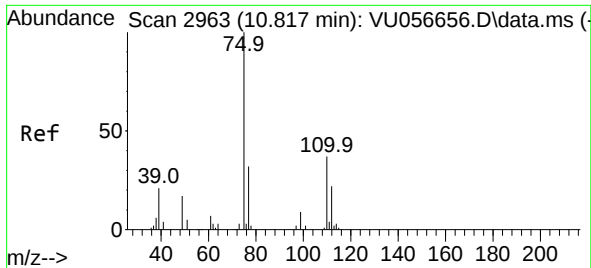
Tgt Ion: 63 Resp: 9935
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 0.724 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU056673.D
Acq: 06 Dec 2023 18:58

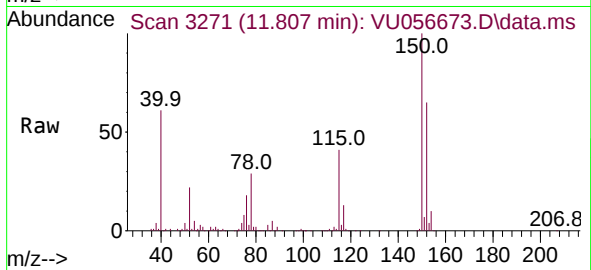
Tgt Ion: 43 Resp: 5310
Ion Ratio Lower Upper
43 100
58 45.7 48.7 73.1#
57 9.9 16.8 25.2#
100 7.6 9.9 14.9#





#61
1,2,3-Trichloropropane
Concen: 1.430 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056673.D
Acq: 06 Dec 2023 18:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	13798
Ion	Ratio	Lower	Upper
75	100		
110	2.2	30.4	45.6#
77	34.0	27.0	40.6

