

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062323\
 Data File : VU054670.D
 Acq On : 23 Jun 2023 10:37
 Operator : MD/SY
 Sample : 03384-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jun 23 23:56:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

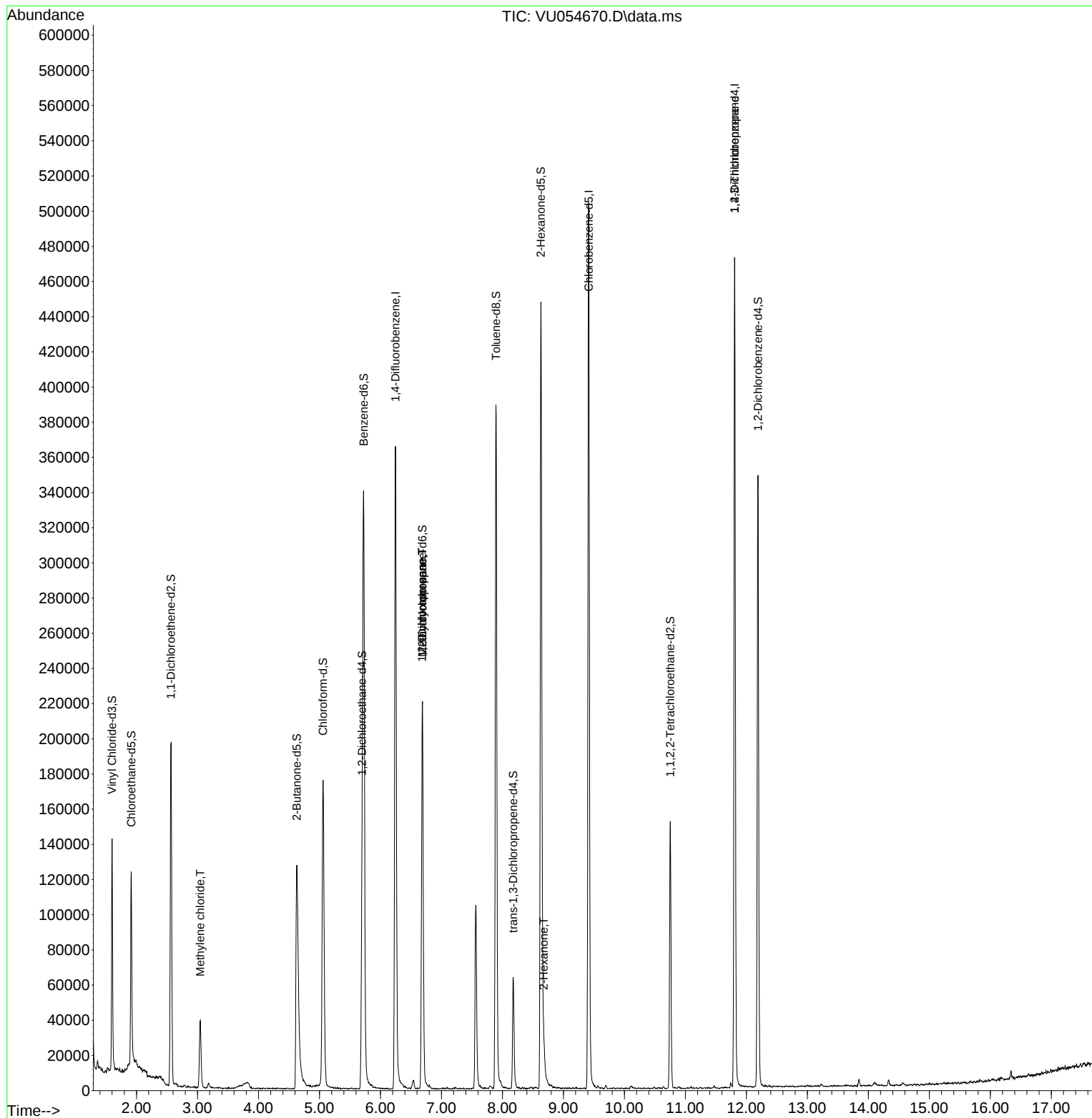
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	294787	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	276693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123379	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	99291	5.292	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.914	69	81659	4.649	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	39072	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.627	46	226524	42.946	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.900%
24) Chloroform-d	5.058	84	161334	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.698	65	81883	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.724	84	318626	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.688	67	111171	4.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.894	98	262225	3.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.177	79	36998	4.142	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.630	63	150368	40.125	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79541	4.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	90274	4.338	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	17770	0.591	ug/L	95
35) Methylcyclohexane	6.688	83	23785	0.598	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	11201	0.417	ug/L #	90
48) 2-Hexanone	8.679	43	8257	0.772	ug/L #	81
61) 1,2,3-Trichloropropane	11.807	75	16296	1.307	ug/L #	66

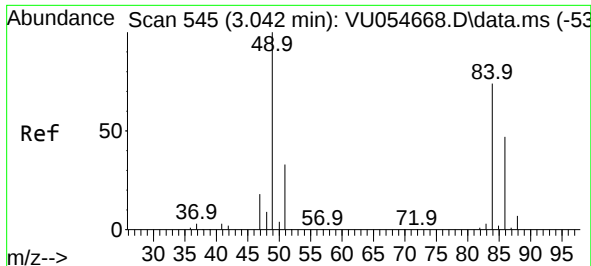
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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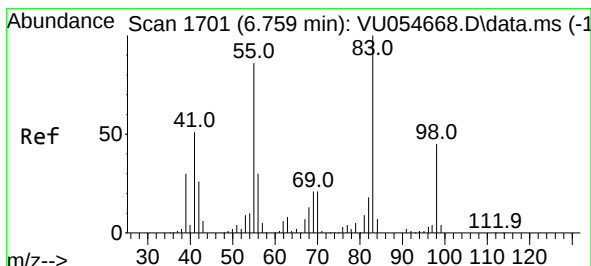
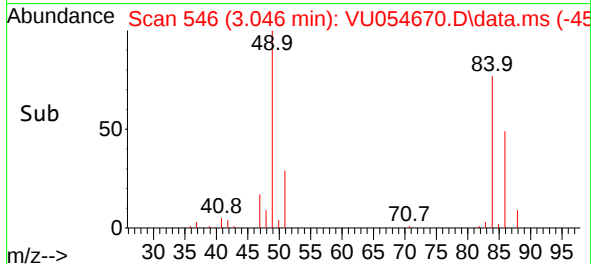
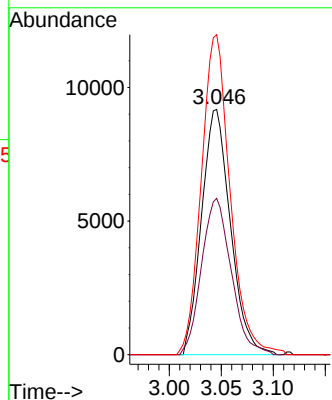
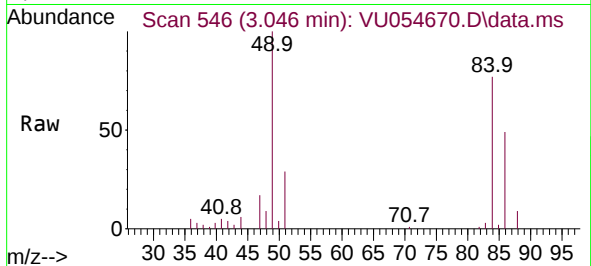




#16
Methylene chloride
Concen: 0.591 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU054670.D
Acq: 23 Jun 2023 10:37

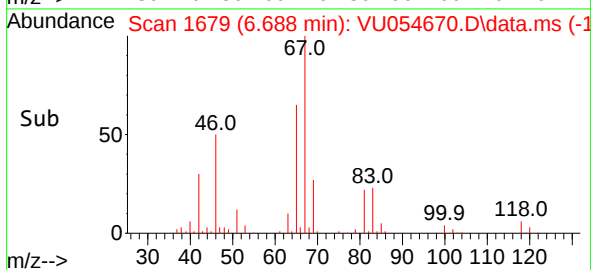
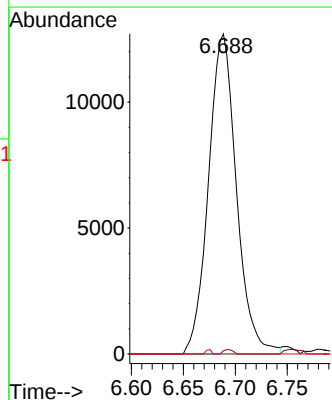
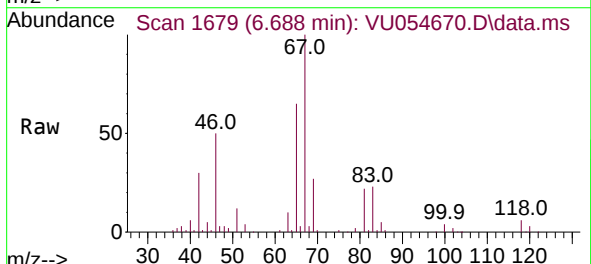
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

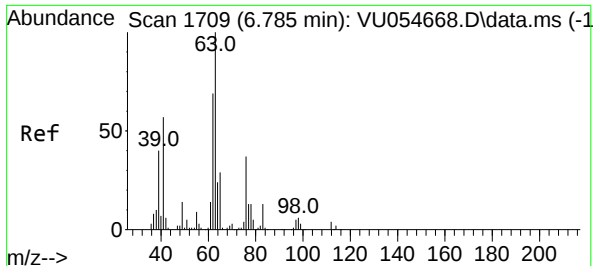
Tgt Ion: 84 Resp: 17770
Ion Ratio Lower Upper
84 100
86 63.7 43.9 81.5
49 130.4 86.1 159.9



#35
Methylcyclohexane
Concen: 0.598 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054670.D
Acq: 23 Jun 2023 10:37

Tgt Ion: 83 Resp: 23785
Ion Ratio Lower Upper
83 100
55 0.5 67.1 100.7#
98 0.3 35.1 52.7#

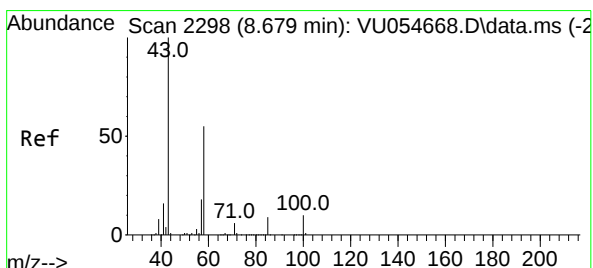
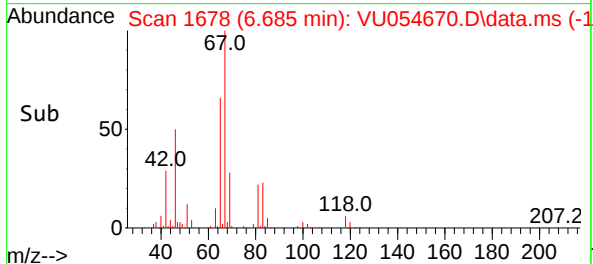
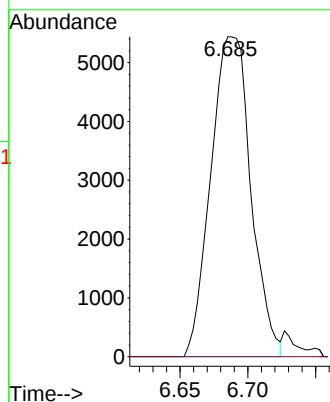
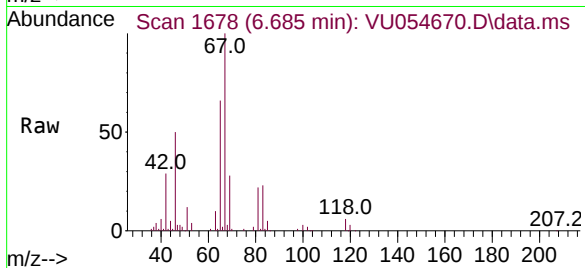




#37
1,2-Dichloropropane
Concen: 0.417 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054670.D
Acq: 23 Jun 2023 10:37

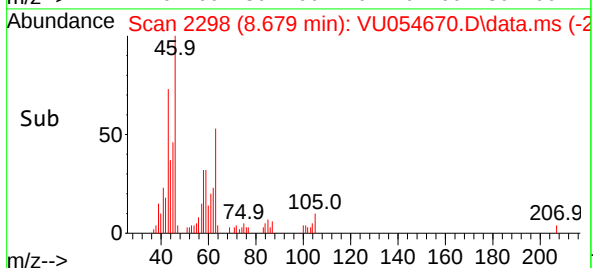
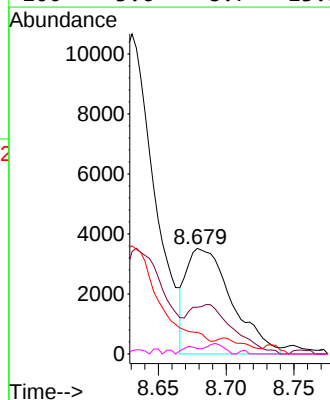
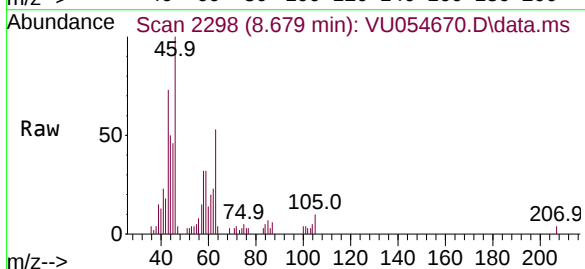
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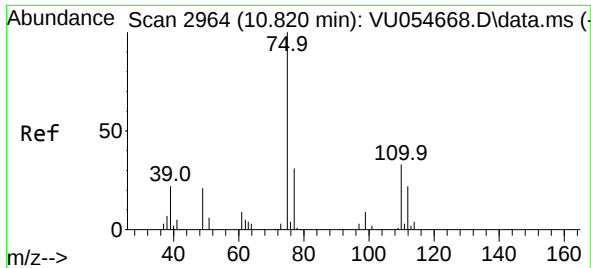
Tgt Ion: 63 Resp: 11201
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



#48
2-Hexanone
Concen: 0.772 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU054670.D
Acq: 23 Jun 2023 10:37

Tgt Ion: 43 Resp: 8257
Ion Ratio Lower Upper
43 100
58 44.0 45.2 67.8#
57 9.1 15.8 23.6#
100 3.6 8.7 13.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.307 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU054670.D
 Acq: 23 Jun 2023 10:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 16296
 Ion Ratio Lower Upper
 75 100
 110 1.1 28.0 42.0#
 77 35.5 25.4 38.2

