

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
 Data File : VU054428.D
 Acq On : 07 Jun 2023 22:11
 Operator : MD/SY
 Sample : 03075-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FC6

Quant Time: Jun 08 01:25:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:20:50 2023
 Response via : Initial Calibration

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

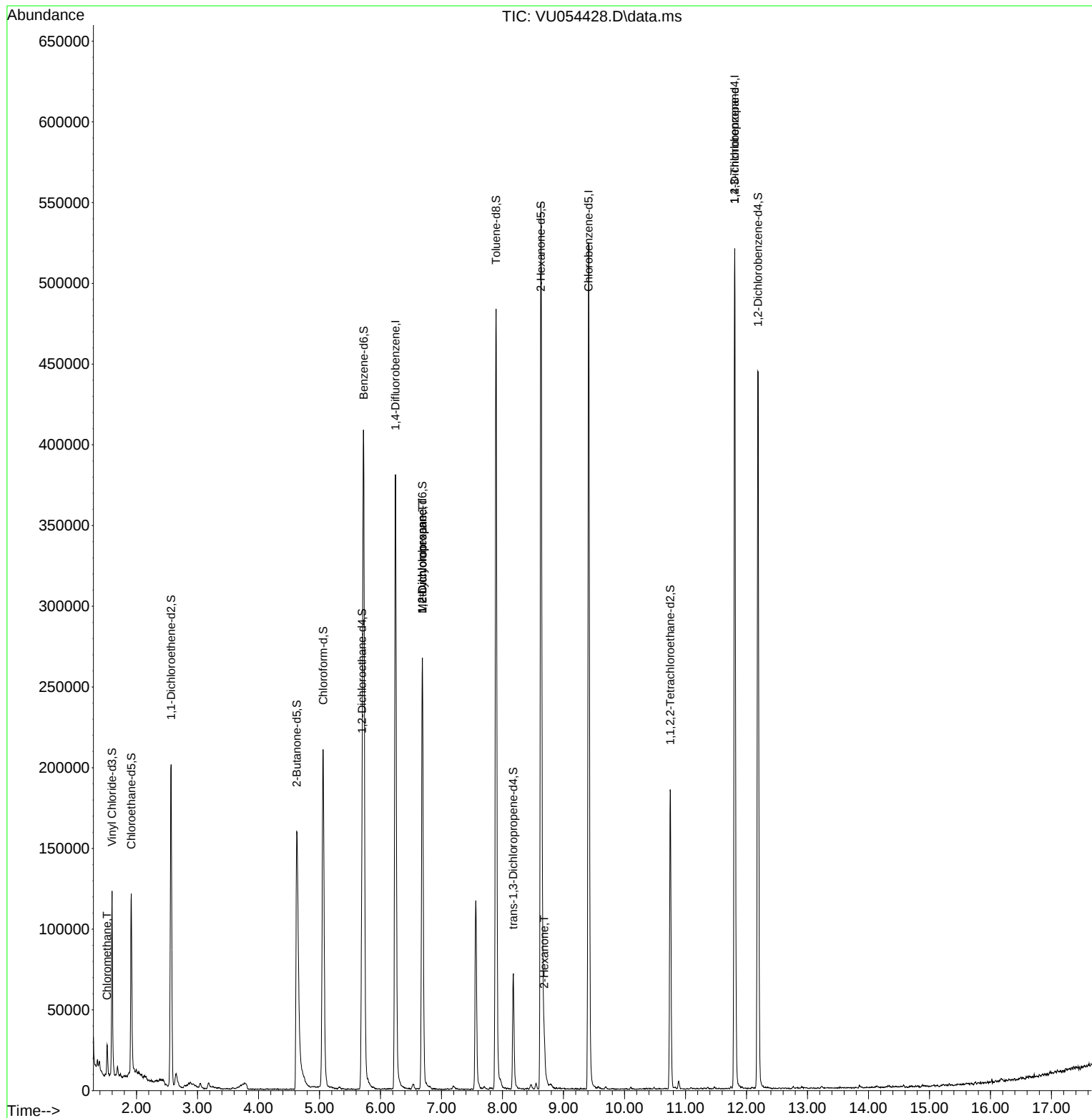
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	309562	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	294677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137891	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	84694	4.299	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.000%	
7) Chloroethane-d5	1.914	69	84242	4.567	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.566	65	38515	4.377	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.600%	
20) 2-Butanone-d5	4.627	46	289447	52.256	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.520%	
24) Chloroform-d	5.058	84	193317	4.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.698	65	99492	4.956	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.724	84	378824	4.625	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.685	67	135042	4.936	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.894	98	331025	4.553	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	8.177	79	41875	4.402	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.630	63	187258	46.919	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.840%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	96390	4.725	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	122843	5.282	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	13078	0.394	ug/L	96
35) Methylcyclohexane	6.685	83	29182	0.689	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13949	0.487	ug/L #	89
48) 2-Hexanone	8.685	43	12289	1.079	ug/L	96
61) 1,2,3-Trichloropropane	11.807	75	17475	1.254	ug/L #	68

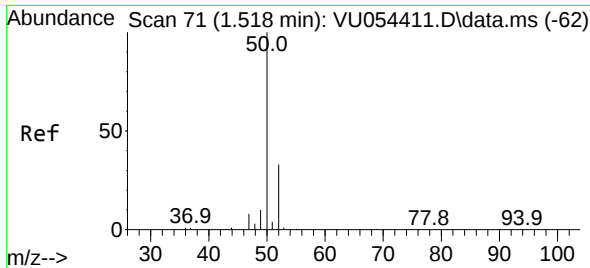
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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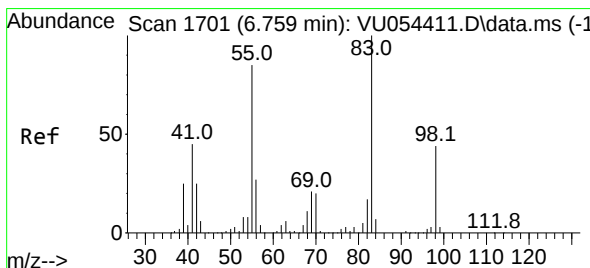
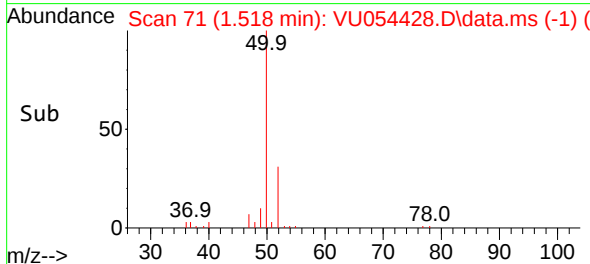
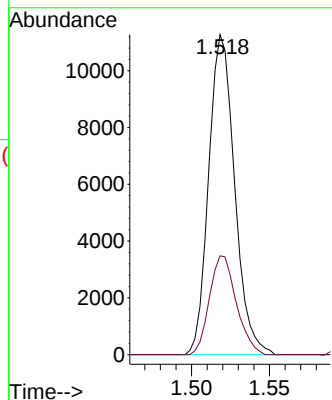
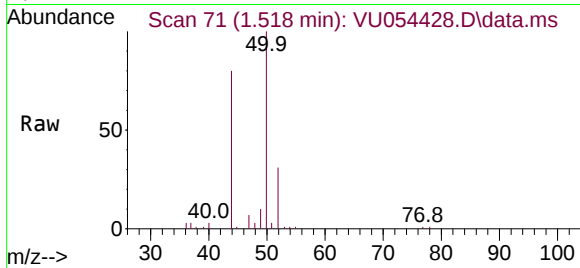




#3
Chloromethane
Concen: 0.394 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054428.D
Acq: 07 Jun 2023 22:11

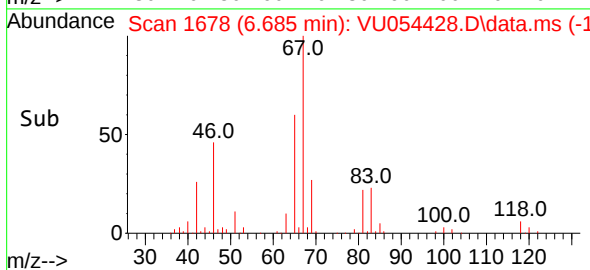
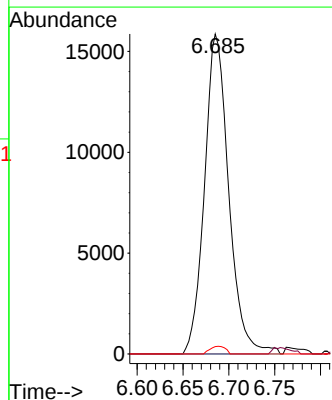
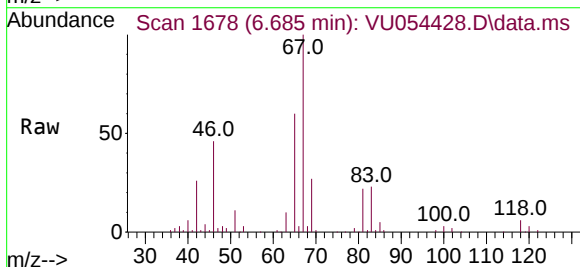
Instrument :
MSVOA_U
ClientSampleId :
C0FC6

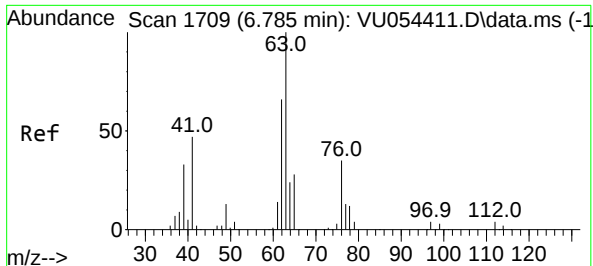
Tgt Ion: 50 Resp: 13078
Ion Ratio Lower Upper
50 100
52 30.9 23.4 43.4



#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054428.D
Acq: 07 Jun 2023 22:11

Tgt Ion: 83 Resp: 29182
Ion Ratio Lower Upper
83 100
55 1.5 67.1 100.7#
98 1.5 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.487 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054428.D

Acq: 07 Jun 2023 22:11

Instrument :

MSVOA_U

ClientSampleId :

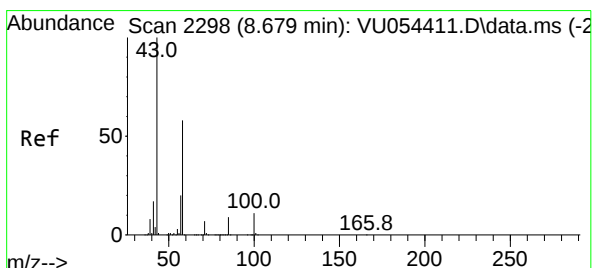
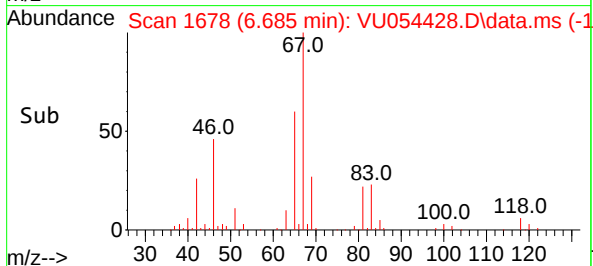
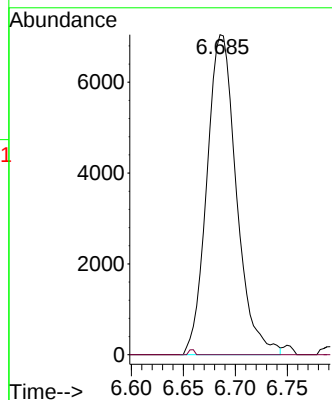
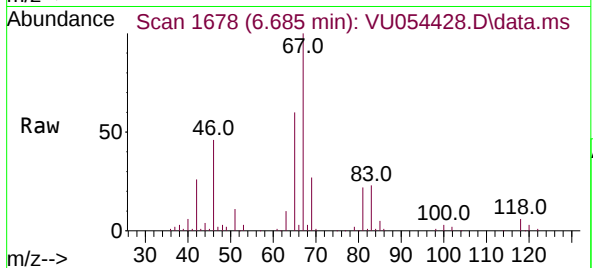
C0FC6

Tgt Ion: 63 Resp: 13949

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#



#48

2-Hexanone

Concen: 1.079 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.006 min

Lab File: VU054428.D

Acq: 07 Jun 2023 22:11

Tgt Ion: 43 Resp: 12289

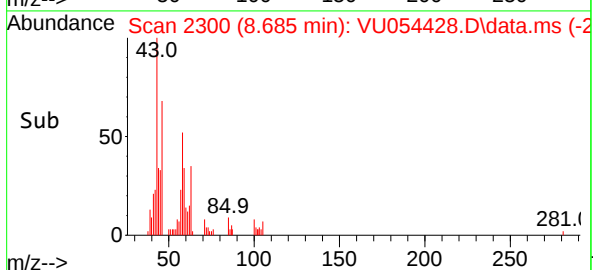
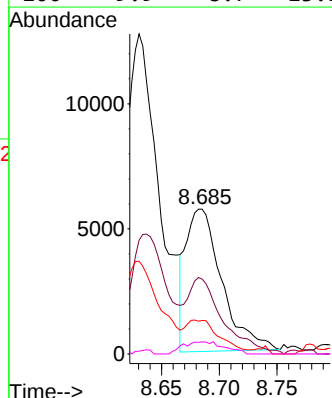
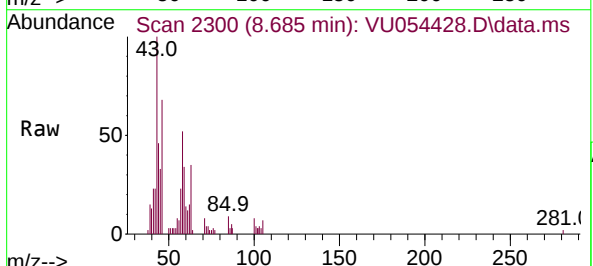
Ion Ratio Lower Upper

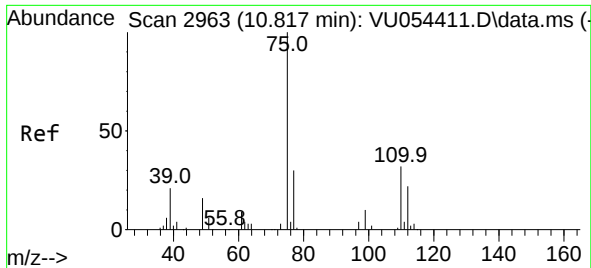
43 100

58 54.0 45.2 67.8

57 23.3 15.8 23.6

100 9.9 8.7 13.1





#61
 1,2,3-Trichloropropane
 Concen: 1.254 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054428.D
 Acq: 07 Jun 2023 22:11

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FC6

Tgt Ion: 75 Resp: 17475
 Ion Ratio Lower Upper
 75 100
 110 2.3 28.0 42.0#
 77 28.9 25.4 38.2

