

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060923\
 Data File : VU054458.D
 Acq On : 09 Jun 2023 13:21
 Operator : MD/SY
 Sample : 03105-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 12 01:00:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 12 00:58:03 2023
 Response via : Initial Calibration

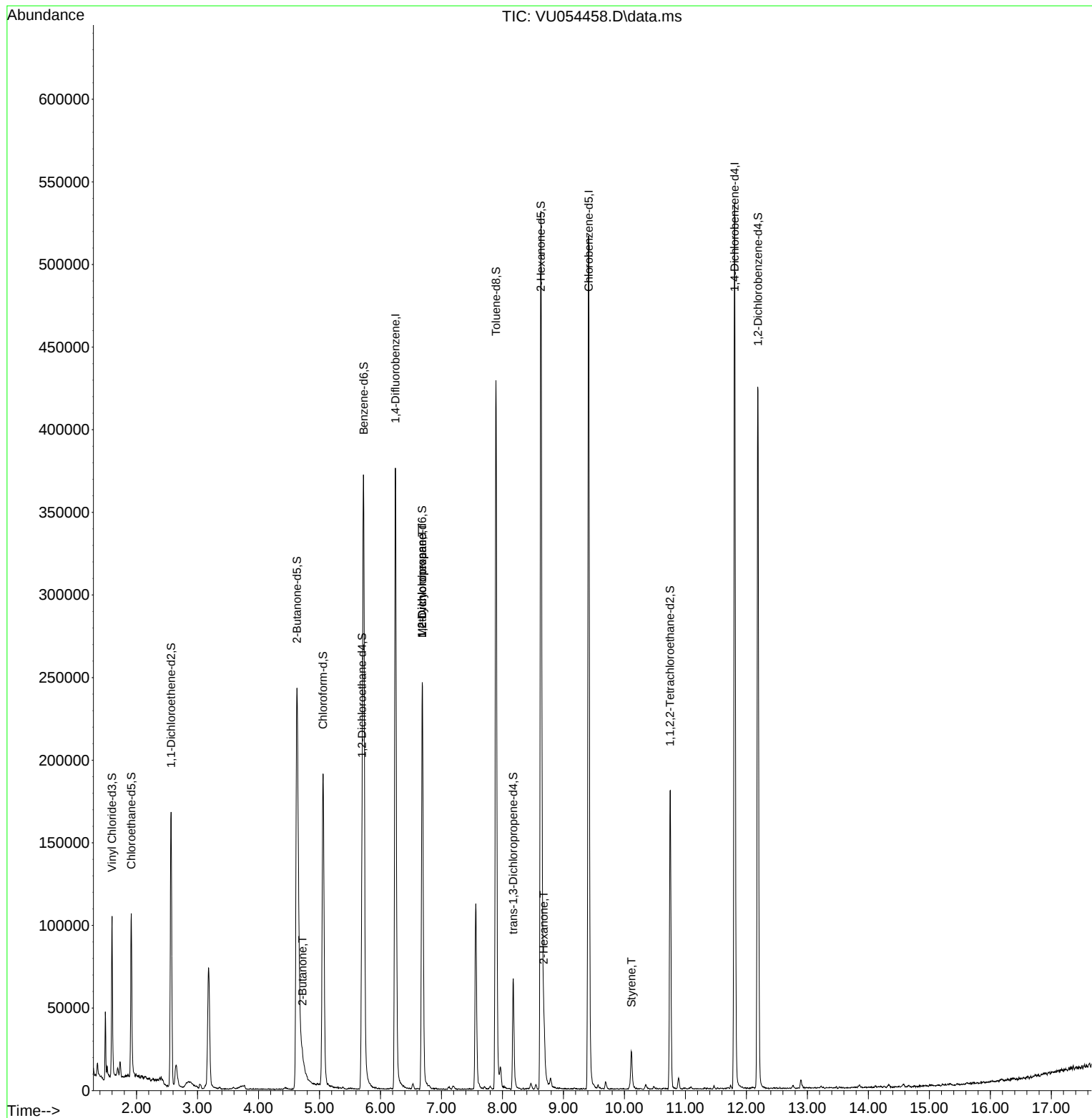
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	312663	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	293212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	145151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	69859	3.511	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.200%	
7) Chloroethane-d5	1.914	69	74031	3.974	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.567	65	32501	3.657	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.200%	
20) 2-Butanone-d5	4.631	46	284469	50.848	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.700%	
24) Chloroform-d	5.058	84	182301	4.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.698	65	93595	4.616	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.724	84	347371	4.262	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.685	67	124746	4.583	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.894	98	293353	4.055	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	8.177	79	40893	4.320	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.631	63	181068	45.595	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.200%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	96835	4.771	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	114688	4.684	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
21) 2-Butanone	4.721	43	10293	1.504	ug/L	79
35) Methylcyclohexane	6.685	83	26454	0.628	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	13078	0.459	ug/L #	90
48) 2-Hexanone	8.679	43	15801	1.395	ug/L #	88
55) Styrene	10.116	104	11461	0.162	ug/L	98

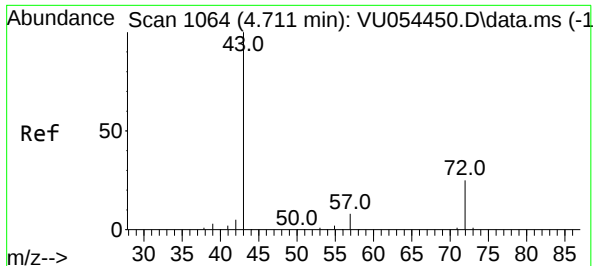
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 1.504 ug/L

RT: 4.721 min Scan# 1

Delta R.T. 0.010 min

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Instrument :

MSVOA_U

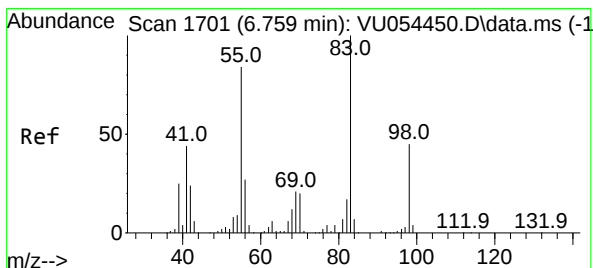
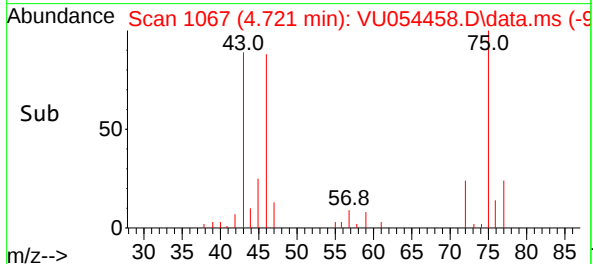
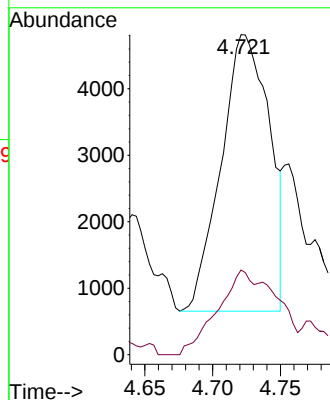
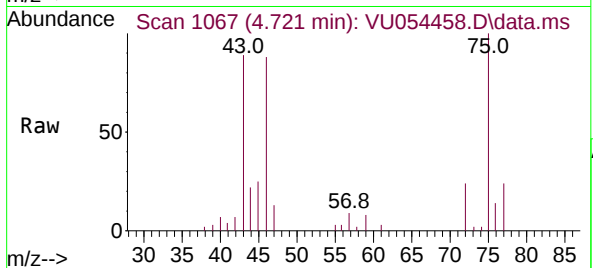
ClientSampleId :

Tgt Ion: 43 Resp: 10293

Ion Ratio Lower Upper

43 100

72 37.6 13.4 40.1



#35

Methylcyclohexane

Concen: 0.628 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU054458.D

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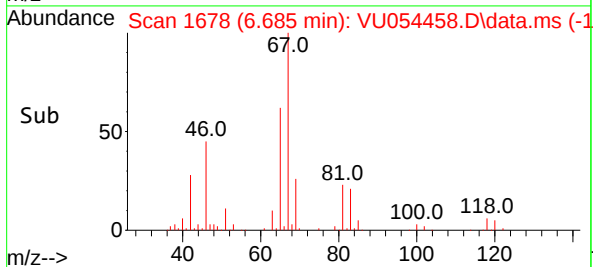
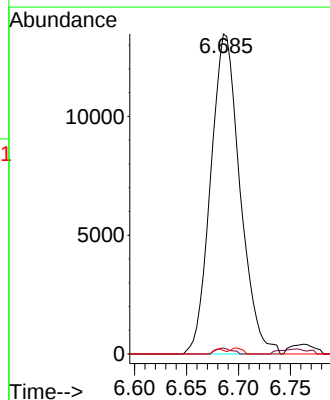
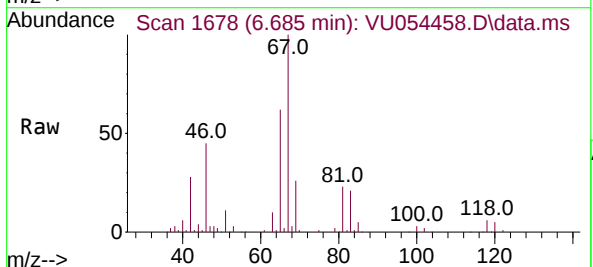
Tgt Ion: 83 Resp: 26454

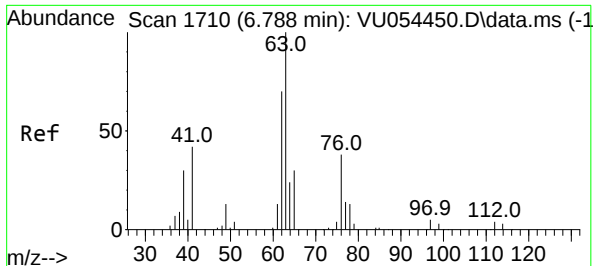
Ion Ratio Lower Upper

83 100

55 1.0 67.1 100.7#

98 0.6 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.459 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU054458.D

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Instrument :

MSVOA_U

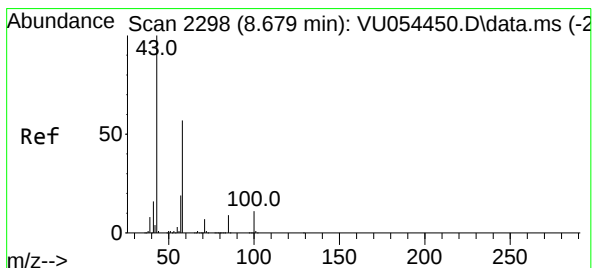
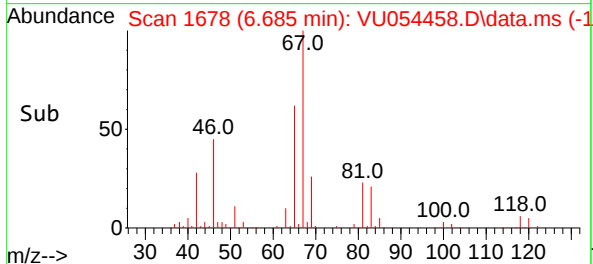
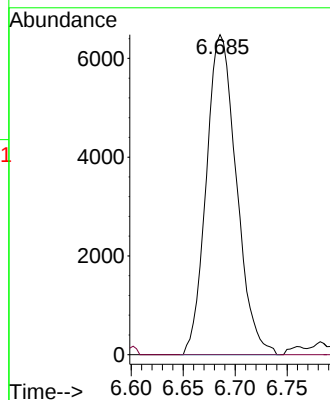
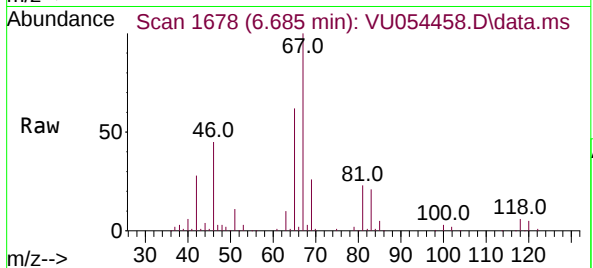
ClientSampleId :

Tgt Ion: 63 Resp: 13078

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.6#



#48

2-Hexanone

Concen: 1.395 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU054458.D

Acq: 09 Jun 2023 13:21

Tgt Ion: 43 Resp: 15801

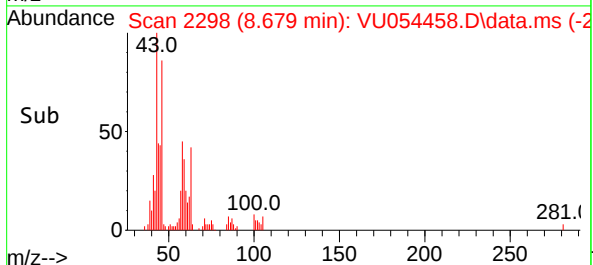
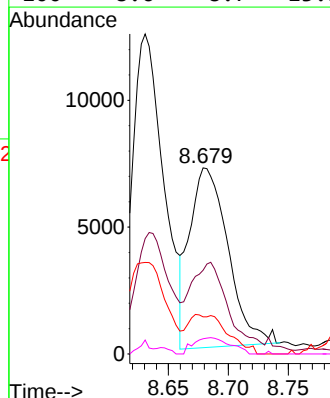
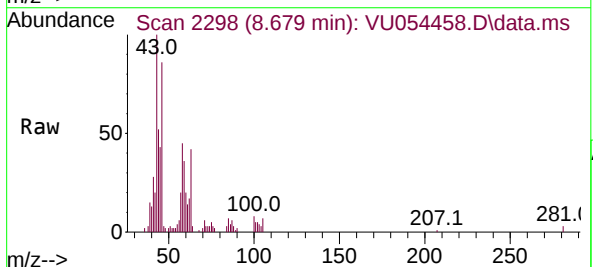
Ion Ratio Lower Upper

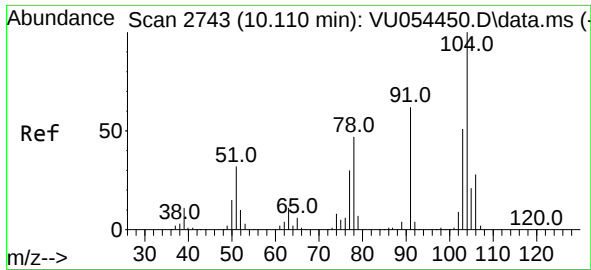
43 100

58 45.3 45.2 67.8

57 23.0 15.8 23.6

100 8.6 8.7 13.1#





#55
Styrene
Concen: 0.162 ug/L
RT: 10.116 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU054458.D
Acq: 09 Jun 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:104 Resp: 11461
Ion Ratio Lower Upper
104 100
78 45.6 33.0 61.4

