

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056107.D
 Acq On : 07 Nov 2023 18:37
 Operator : MD/SY
 Sample : 05281-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:45:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:38:11 2023
 Response via : Initial Calibration

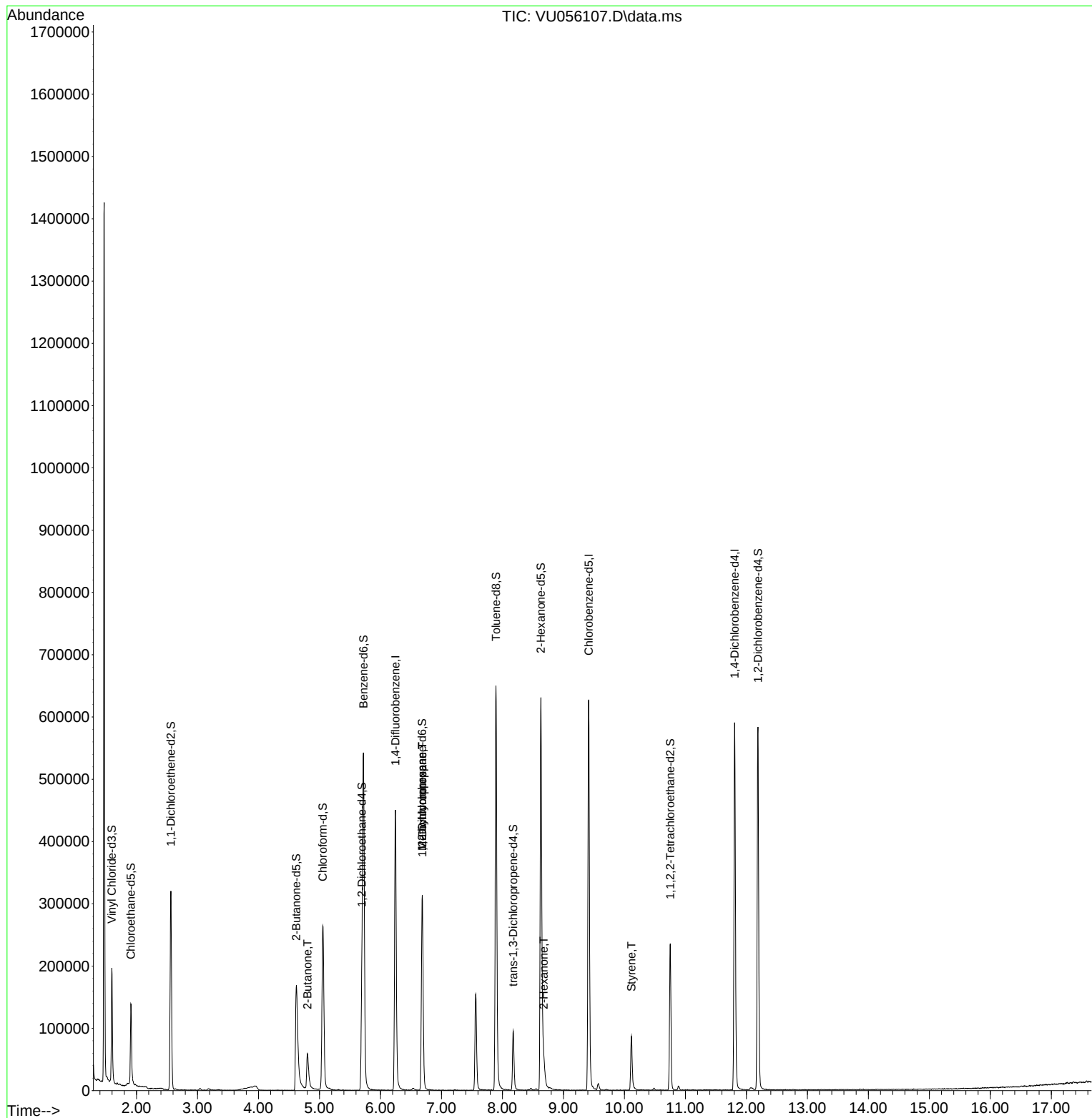
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	383417	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	382523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	168571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	139019	5.841	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	116.800%	
7) Chloroethane-d5	1.907	69	99888	6.185	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	123.600%	
11) 1,1-Dichloroethene-d2	2.563	65	60322	5.753	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	115.000%	
20) 2-Butanone-d5	4.621	46	272482	69.790	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	139.580%#	
24) Chloroform-d	5.055	84	256336	5.658	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.200%	
26) 1,2-Dichloroethane-d4	5.695	65	123673	6.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	124.000%	
32) Benzene-d6	5.721	84	533182	5.804	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	116.000%	
36) 1,2-Dichloropropane-d6	6.685	67	160457	5.933	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	118.600%	
41) Toluene-d8	7.894	98	470716	5.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.800%	
43) trans-1,3-Dichloroprop...	8.177	79	58805	5.689	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	113.800%	
46) 2-Hexanone-d5	8.631	63	214088	63.186	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	126.380%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	120218	6.228	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	124.600%#	
66) 1,2-Dichlorobenzene-d4	12.190	152	163778	6.300	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	126.000%#	
Target Compounds						Qvalue
21) 2-Butanone	4.804	43	82614	17.398	ug/L #	43
35) Methylcyclohexane	6.685	83	38506	0.866	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	16807	0.590	ug/L #	88
48) 2-Hexanone	8.679	43	18660	2.057	ug/L #	87
55) Styrene	10.116	104	50950	0.679	ug/L	86

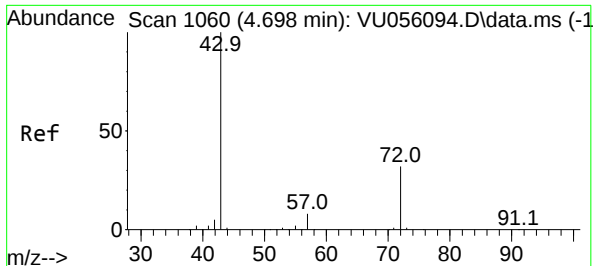
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 17.398 ug/L

RT: 4.804 min Scan# 1

Delta R.T. 0.106 min

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Instrument :

MSVOA_U

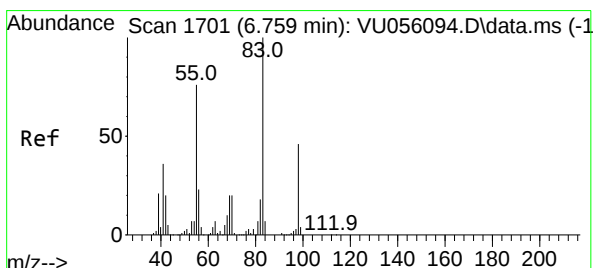
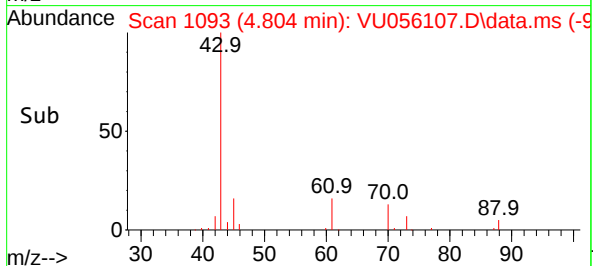
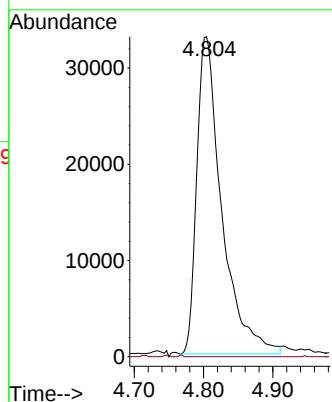
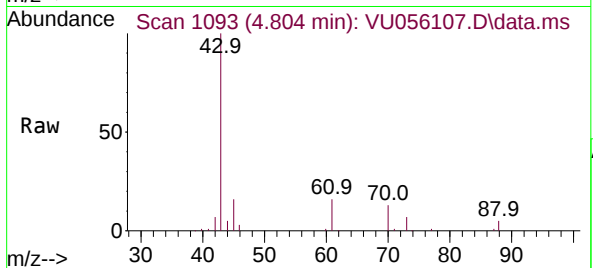
ClientSampleId :

Tgt Ion: 43 Resp: 82614

Ion Ratio Lower Upper

43 100

72 0.1 15.7 47.0#



#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

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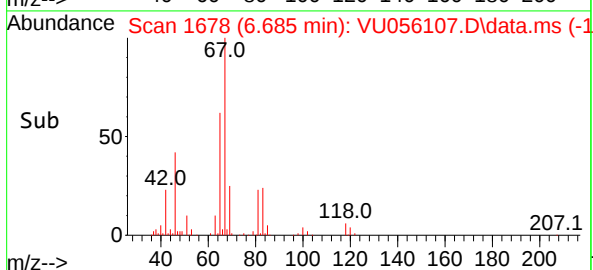
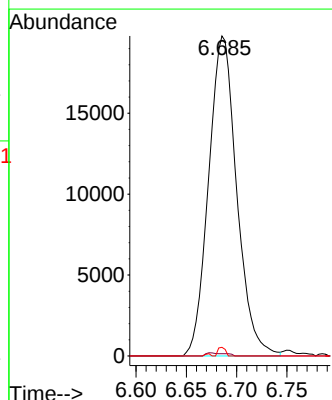
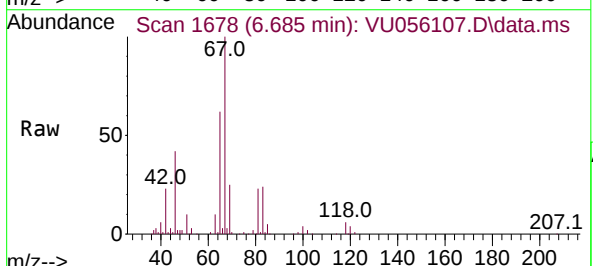
Tgt Ion: 83 Resp: 38506

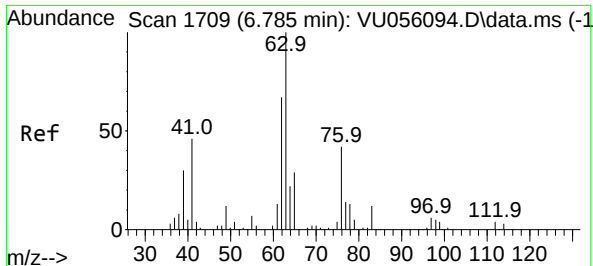
Ion Ratio Lower Upper

83 100

55 0.0 60.6 91.0#

98 0.7 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.097 min

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Instrument :

MSVOA_U

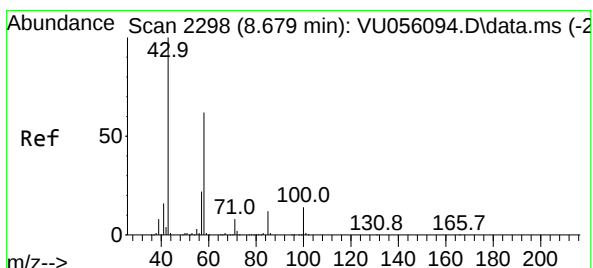
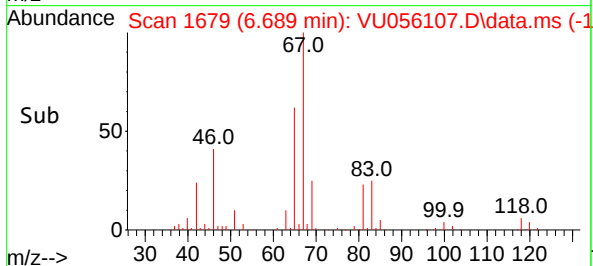
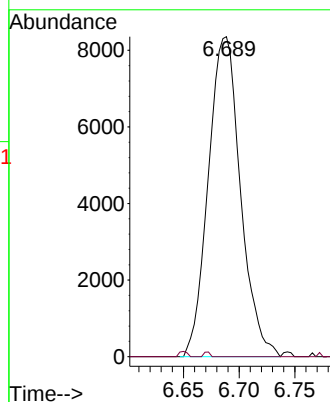
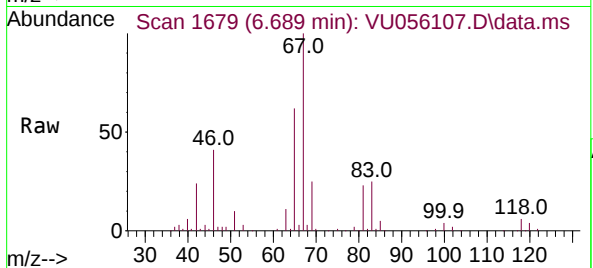
ClientSampleId :

Tgt Ion: 63 Resp: 16807

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#48

2-Hexanone

Concen: 2.057 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VU056107.D

Acq: 07 Nov 2023 18:37

Tgt Ion: 43 Resp: 18660

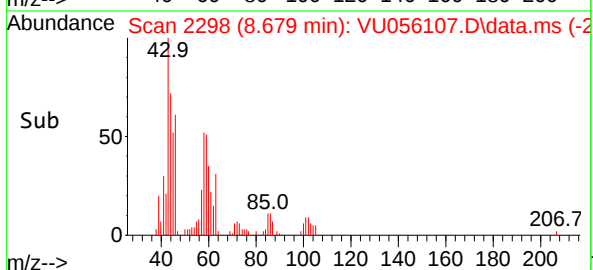
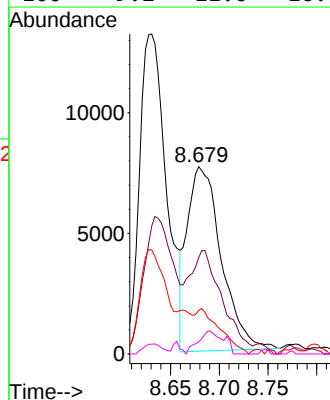
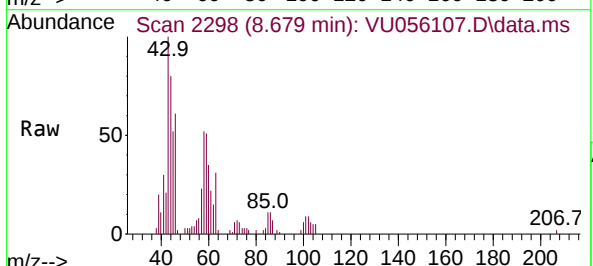
Ion Ratio Lower Upper

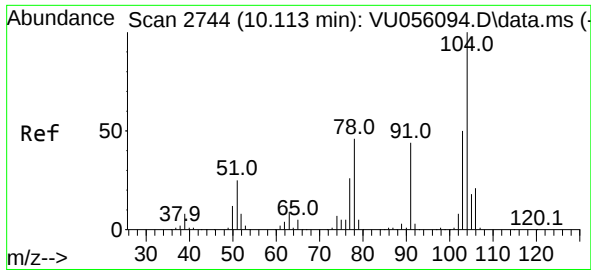
43 100

58 53.9 52.0 78.0

57 16.0 17.4 26.2#

100 9.2 11.0 16.6#





#55

Styrene

Concen: 0.679 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.003 min

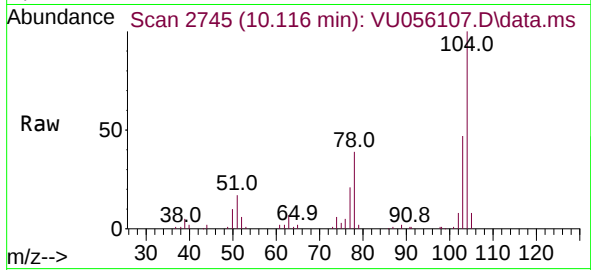
Lab File: VU056107.D

Acq: 07 Nov 2023 18:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:104 Resp: 50950

Ion Ratio Lower Upper

104 100

78 38.7 33.5 62.3

