

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120623\
 Data File : VU056671.D
 Acq On : 06 Dec 2023 18:10
 Operator : MD/SY
 Sample : 05642-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 04:55:34 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)

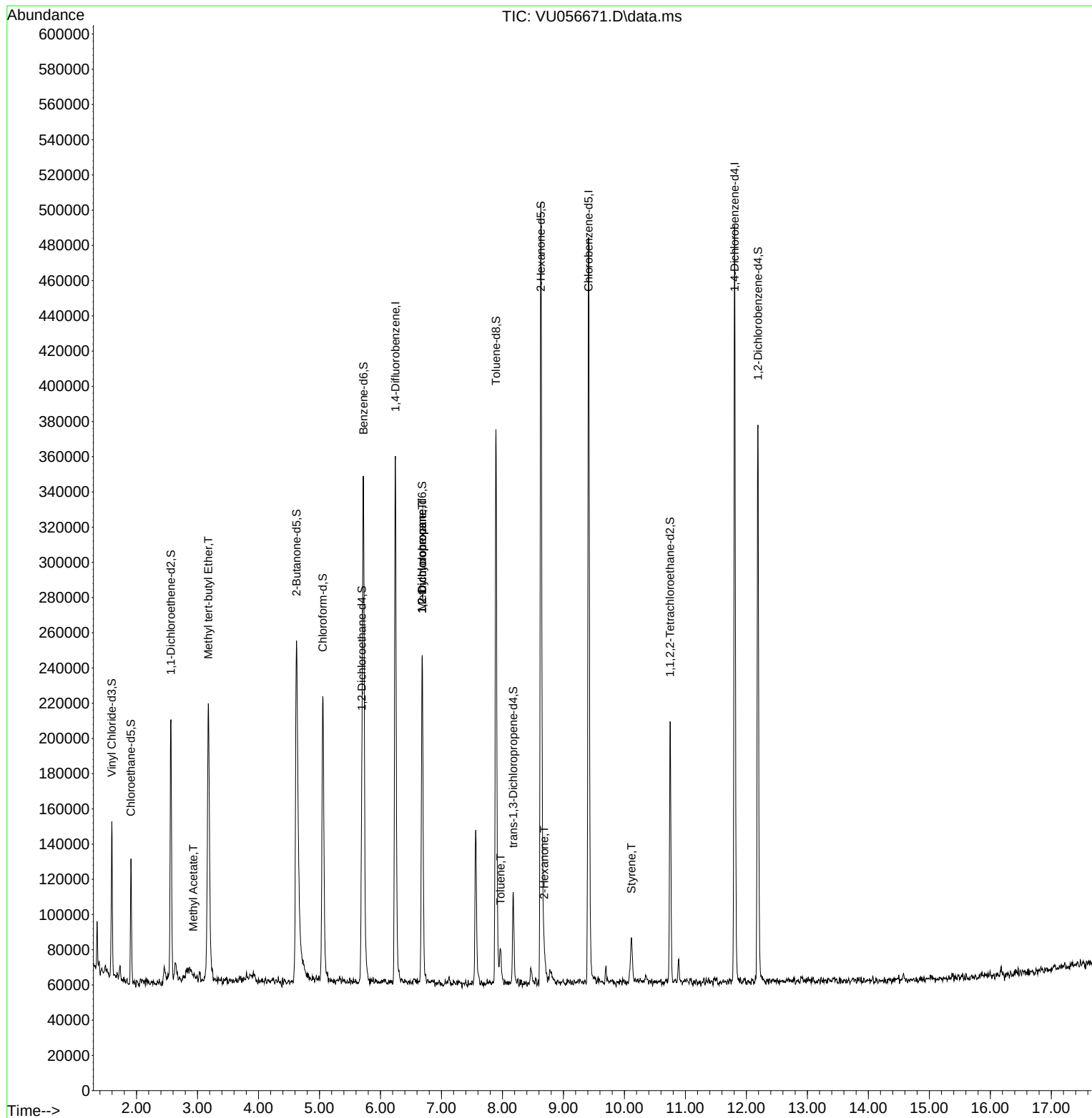
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	241645	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	247002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111046	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58806	3.254	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.907	69	51836	3.740	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.563	65	27714	3.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.624	46	214491	59.514	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.020%
24) Chloroform-d	5.055	84	149856	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.695	65	76807	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.721	84	272965	3.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
36) 1,2-Dichloropropane-d6	6.682	67	93477	4.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.894	98	221571	3.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.177	79	31590	3.714	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.631	63	151431	45.300	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	75825	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	84188	4.104	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.930	43	916	0.168	ug/L #	49
17) Methyl tert-butyl Ether	3.178	73	5204	0.145	ug/L #	1
35) Methylcyclohexane	6.685	83	21126	0.762	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	10110	0.550	ug/L #	89
42) Toluene	7.968	91	13913	0.191	ug/L	94
48) 2-Hexanone	8.685	43	5788	0.815	ug/L #	88
55) Styrene	10.116	104	13890	0.289	ug/L	98

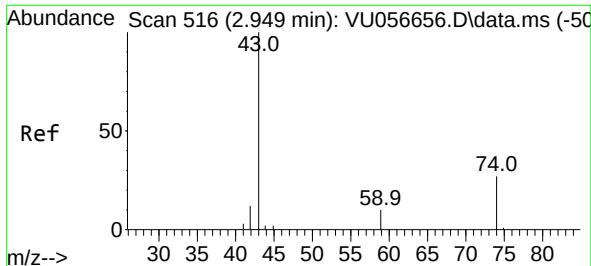
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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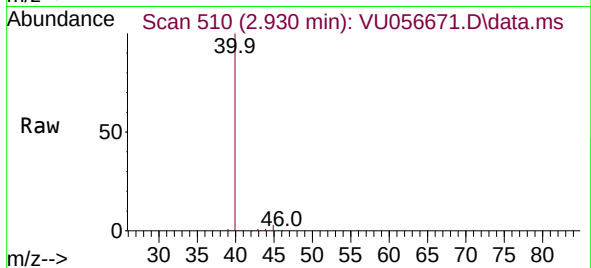
Quant Time: Dec 07 04:55:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
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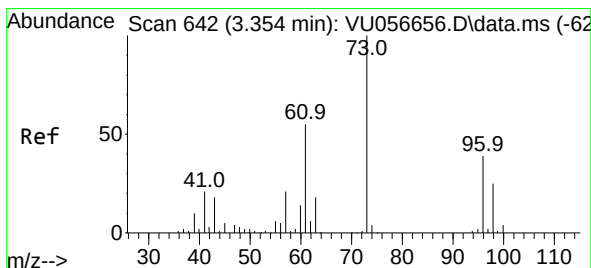
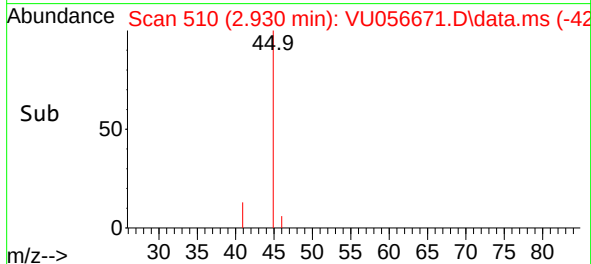
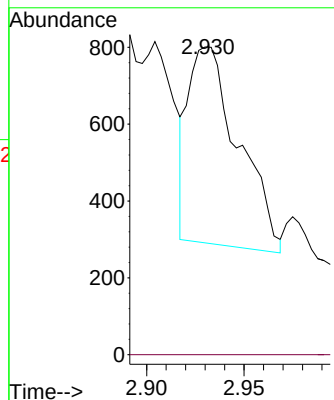


#15
Methyl Acetate
Concen: 0.168 ug/L
RT: 2.930 min Scan# 516
Delta R.T. -0.019 min
Lab File: VU056671.D
Acq: 06 Dec 2023 18:10

Instrument :
MSVOA_U
ClientSampleId :

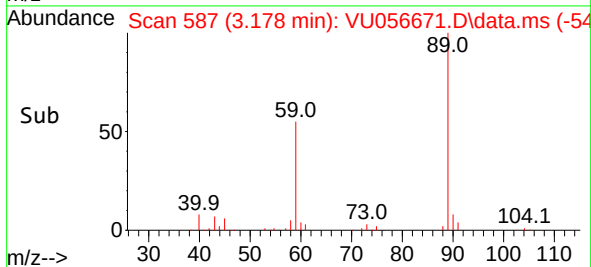
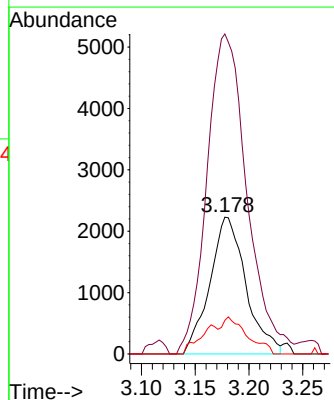
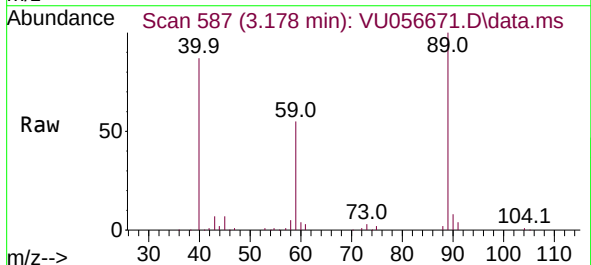


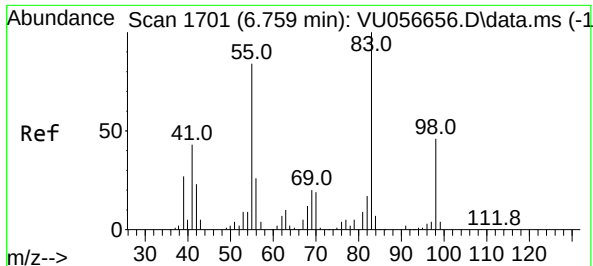
Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#17
Methyl tert-butyl Ether
Concen: 0.145 ug/L
RT: 3.178 min Scan# 587
Delta R.T. -0.177 min
Lab File: VU056671.D
Acq: 06 Dec 2023 18:10

Tgt Ion: 73 Resp: 5204
Ion Ratio Lower Upper
73 100
43 258.5 15.1 22.7#
57 18.9 17.8 26.8





#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056671.D

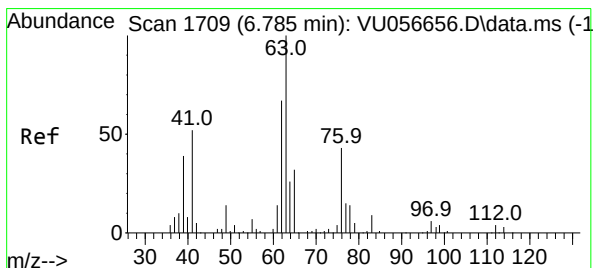
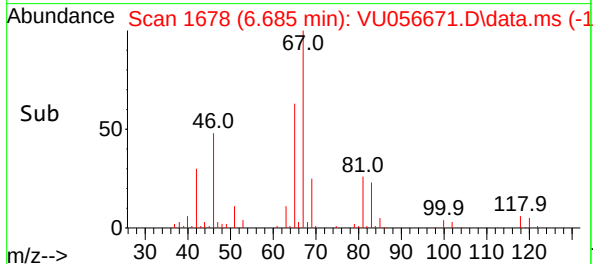
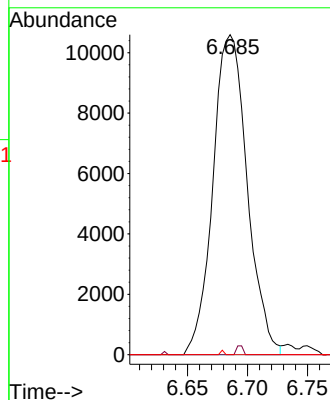
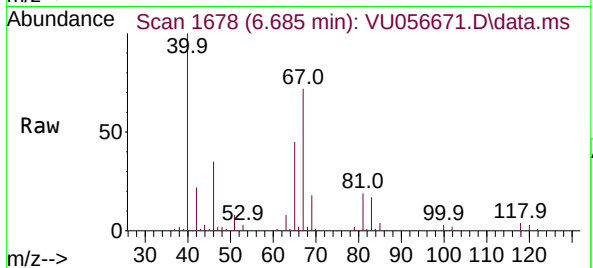
Acq: 06 Dec 2023 18:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 21126
Ion Ratio	Lower Upper
83 100	
55 0.5	62.9 94.3#
98 0.1	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.550 ug/L

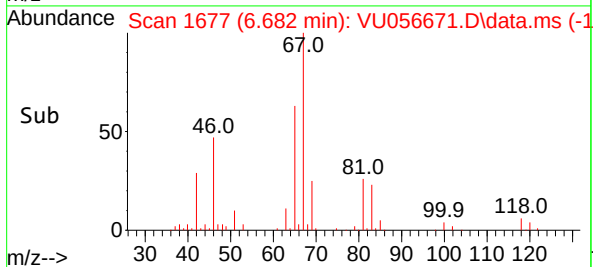
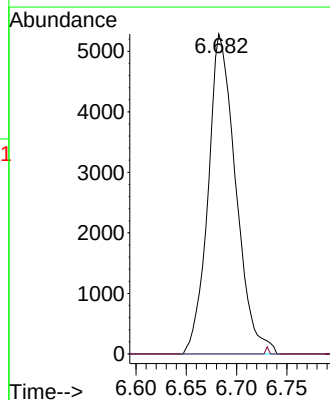
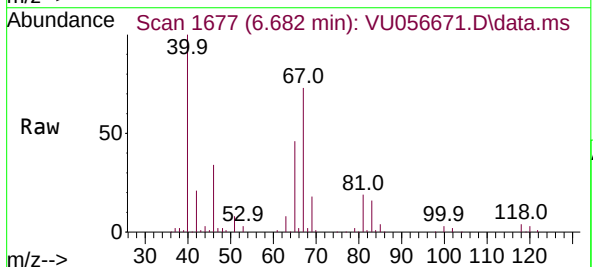
RT: 6.682 min Scan# 1677

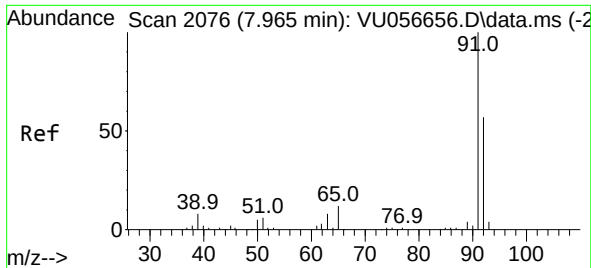
Delta R.T. -0.103 min

Lab File: VU056671.D

Acq: 06 Dec 2023 18:10

Tgt Ion: 63	Resp: 10110
Ion Ratio	Lower Upper
63 100	
112 0.2	3.2 4.8#





#42

Toluene

Concen: 0.191 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056671.D

Acq: 06 Dec 2023 18:10

Instrument :

MSVOA_U

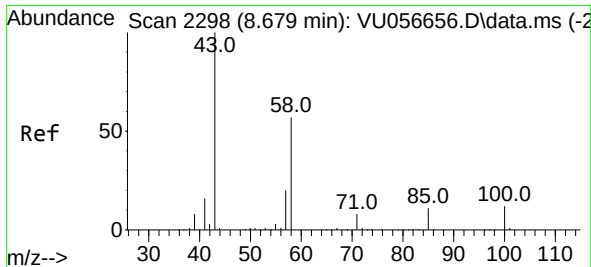
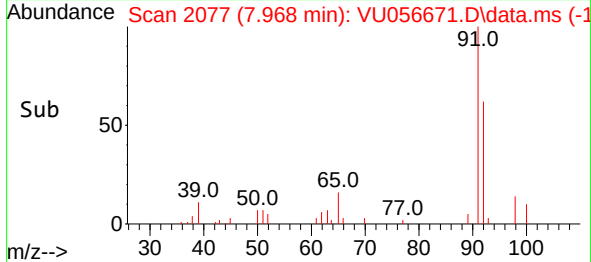
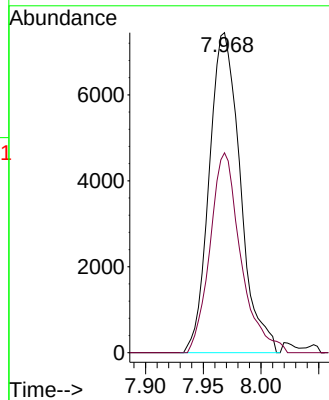
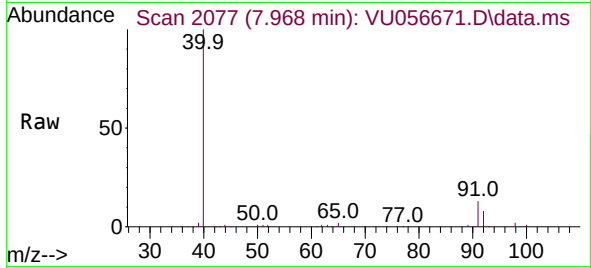
ClientSampleId :

Tgt Ion: 91 Resp: 13913

Ion Ratio Lower Upper

91 100

92 62.4 40.6 75.4



#48

2-Hexanone

Concen: 0.815 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.007 min

Lab File: VU056671.D

Acq: 06 Dec 2023 18:10

Tgt Ion: 43 Resp: 5788

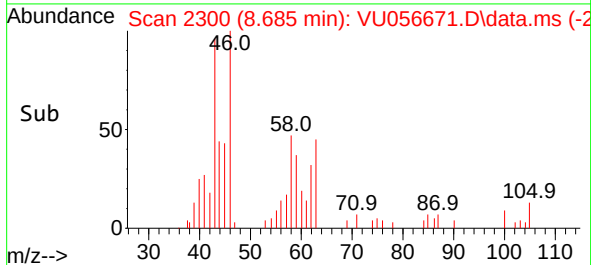
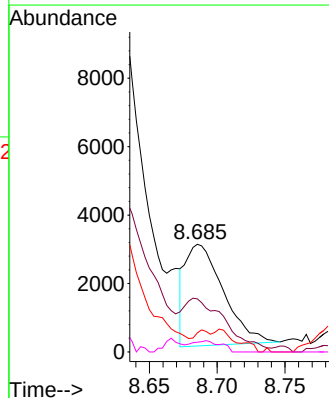
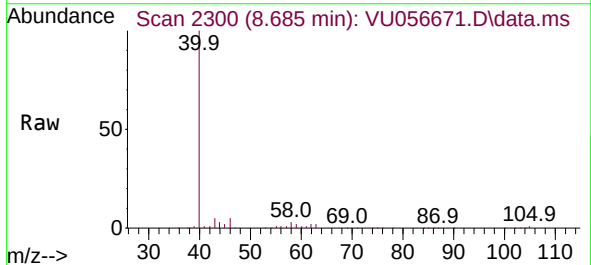
Ion Ratio Lower Upper

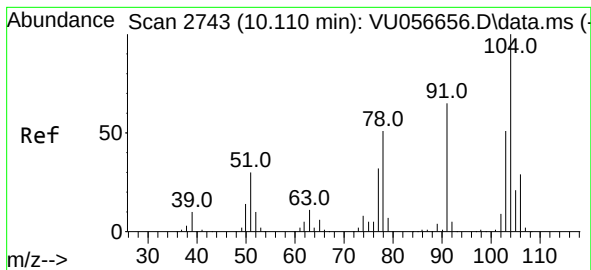
43 100

58 54.9 48.7 73.1

57 9.1 16.8 25.2#

100 8.5 9.9 14.9#





#55

Styrene

Concen: 0.289 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.007 min

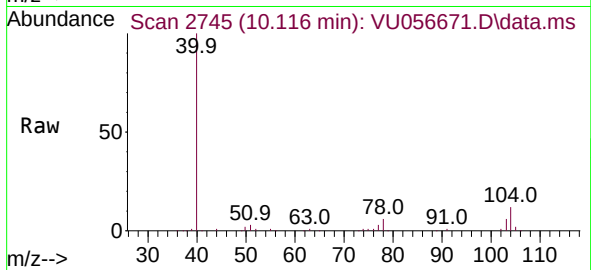
Lab File: VU056671.D

Acq: 06 Dec 2023 18:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:104 Resp: 13890

Ion Ratio Lower Upper

104 100

78 50.2 34.2 63.6

