

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054756.D
 Acq On : 03 Jul 2023 18:08
 Operator : MD/SY
 Sample : 03505-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4716

Quant Time: Jul 05 04:44:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

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

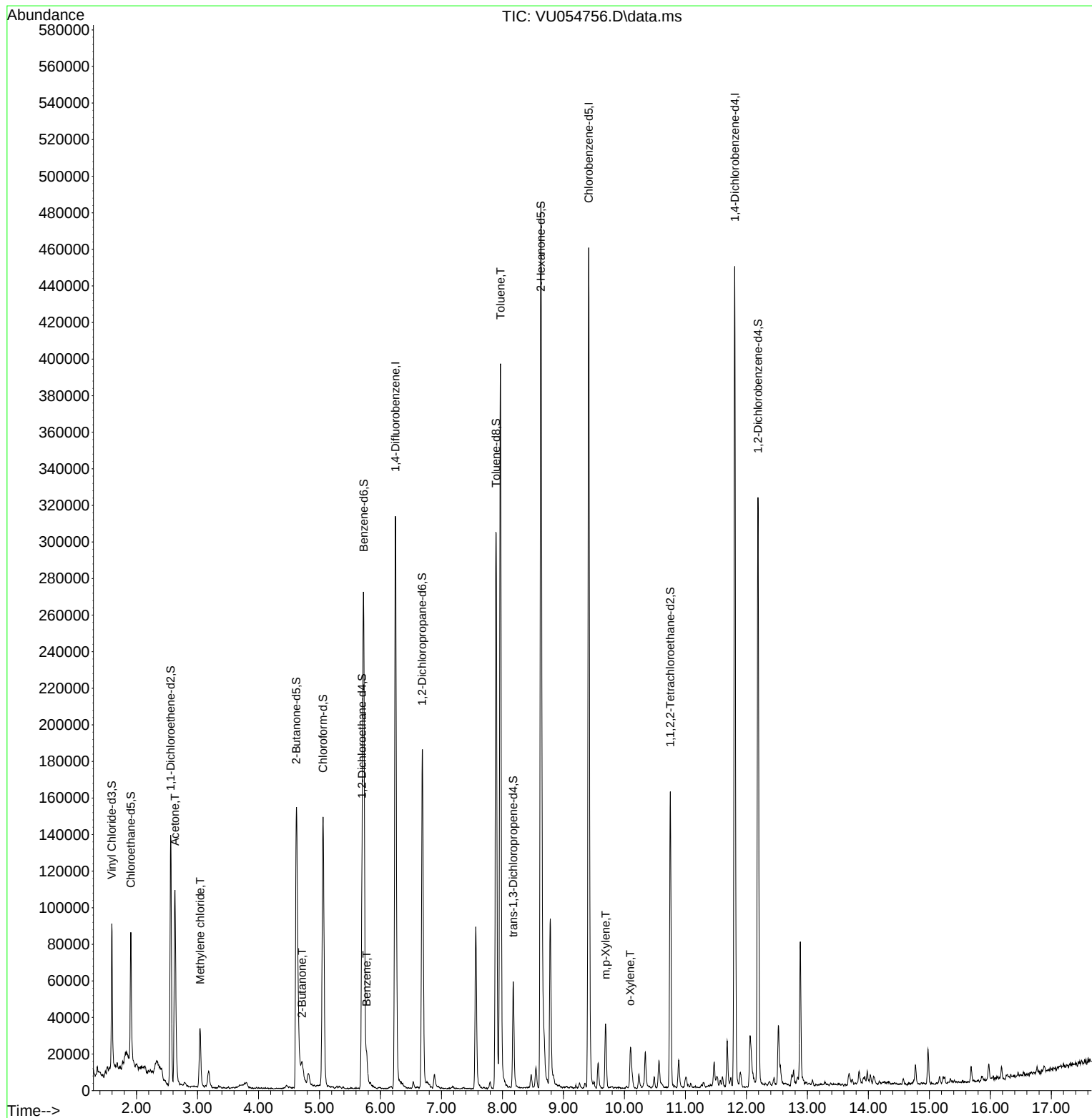
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	250677	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	248930	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	118549	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	60557	3.796	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.907	69	57300	3.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.560	65	25958	3.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.621	46	235853	52.582	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.160%
24) Chloroform-d	5.058	84	136961	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.698	65	73712	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.724	84	252718	3.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	6.685	67	92509	4.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.894	98	210339	3.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	8.177	79	33411	4.158	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.631	63	159911	47.431	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78680	4.566	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	84181	4.210	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
13) Acetone	2.631	43	129798	30.691	ug/L	99
16) Methylene chloride	3.042	84	14952	0.585	ug/L	97
21) 2-Butanone	4.714	43	18852	3.435	ug/L	98
33) Benzene	5.772	78	14010	0.157	ug/L	100
42) Toluene	7.968	91	294483	3.196	ug/L	100
53) m,p-Xylene	9.692	106	10084	0.273	ug/L	98
54) o-Xylene	10.097	106	4848	0.136	ug/L	98

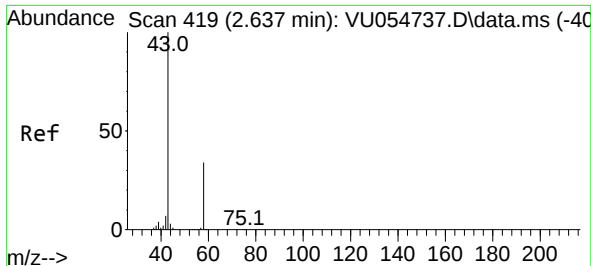
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 30.691 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU054756.D

Acq: 03 Jul 2023 18:08

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MSVOA_U

ClientSampleId :

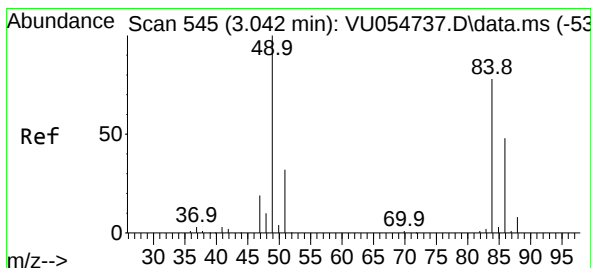
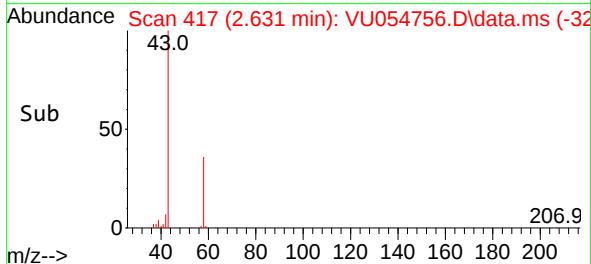
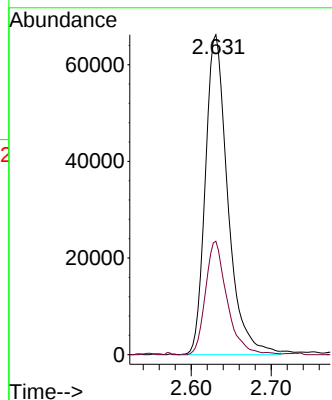
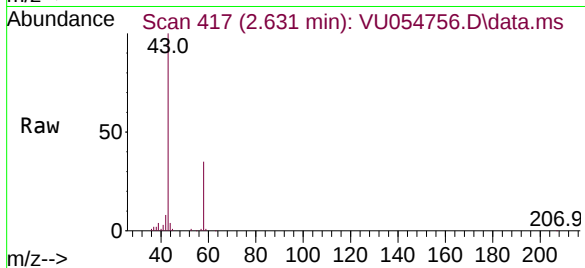
A4716

Tgt Ion: 43 Resp: 129798

Ion Ratio Lower Upper

43 100

58 34.1 0.0 67.2



#16

Methylene chloride

Concen: 0.585 ug/L

RT: 3.042 min Scan# 545

Delta R.T. -0.000 min

Lab File: VU054756.D

Acq: 03 Jul 2023 18:08

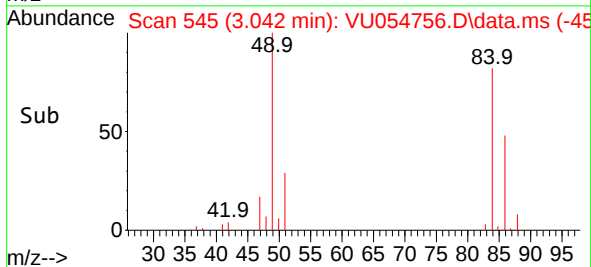
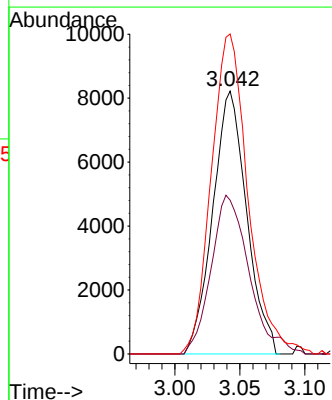
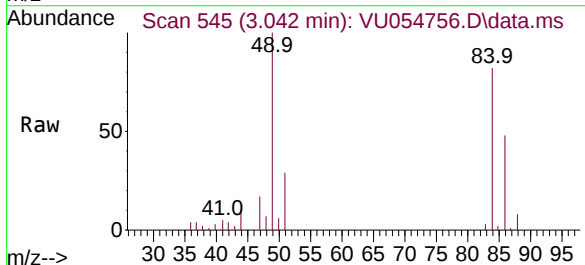
Tgt Ion: 84 Resp: 14952

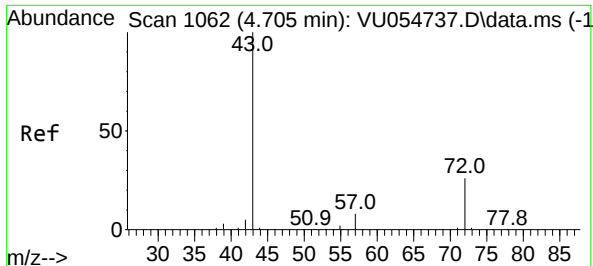
Ion Ratio Lower Upper

84 100

86 58.5 43.9 81.5

49 121.7 86.1 159.9





#21

2-Butanone

Concen: 3.435 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. 0.010 min

Lab File: VU054756.D

Acq: 03 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

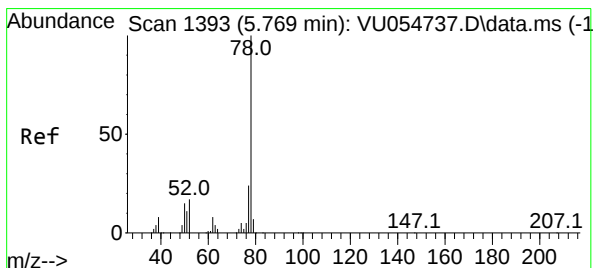
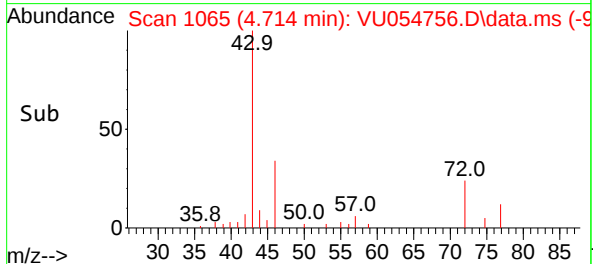
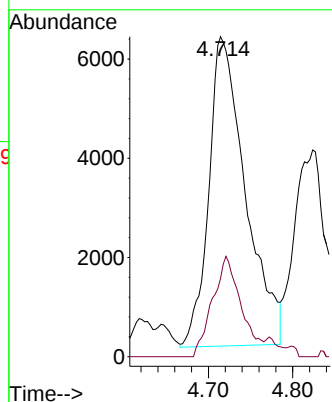
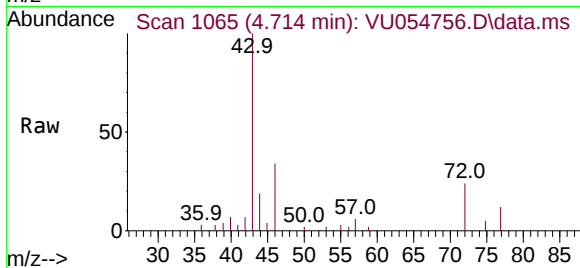
A4716

Tgt Ion: 43 Resp: 18852

Ion Ratio Lower Upper

43 100

72 25.4 13.4 40.1



#33

Benzene

Concen: 0.157 ug/L

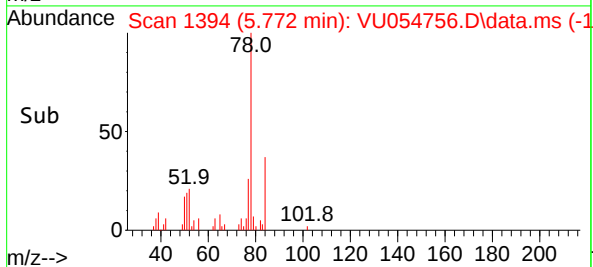
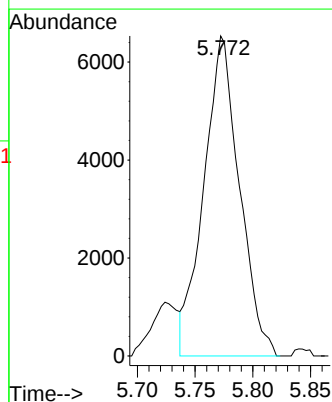
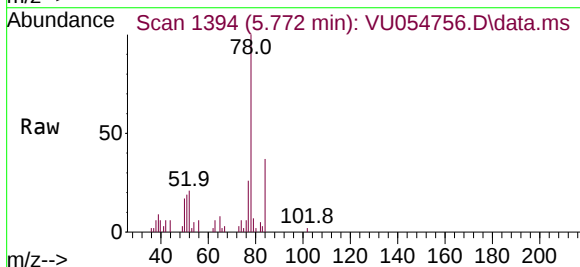
RT: 5.772 min Scan# 1394

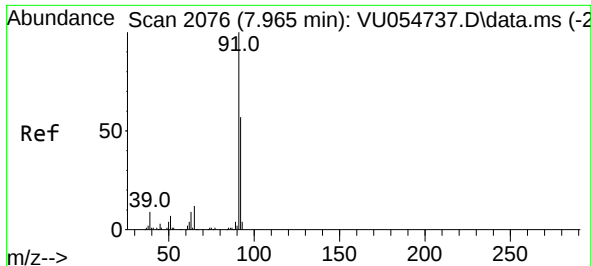
Delta R.T. 0.003 min

Lab File: VU054756.D

Acq: 03 Jul 2023 18:08

Tgt Ion: 78 Resp: 14010





#42

Toluene

Concen: 3.196 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU054756.D

Acq: 03 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

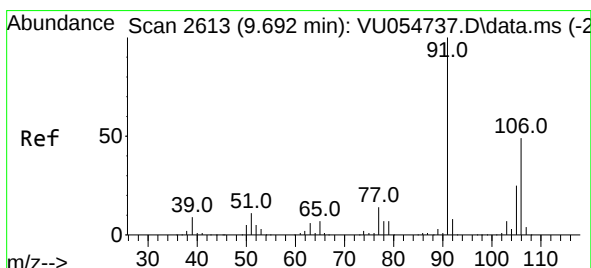
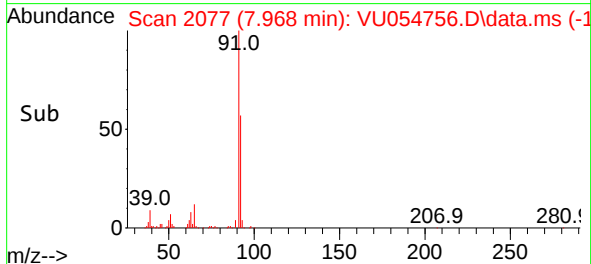
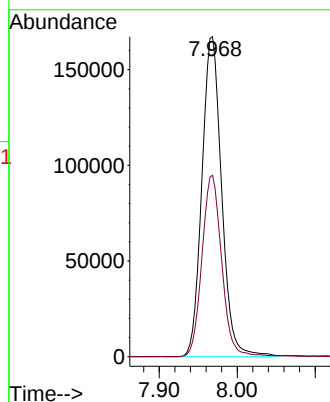
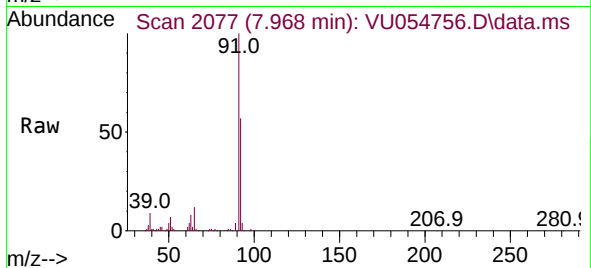
A4716

Tgt Ion: 91 Resp: 294483

Ion Ratio Lower Upper

91 100

92 56.7 39.5 73.4



#53

m,p-Xylene

Concen: 0.273 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. -0.000 min

Lab File: VU054756.D

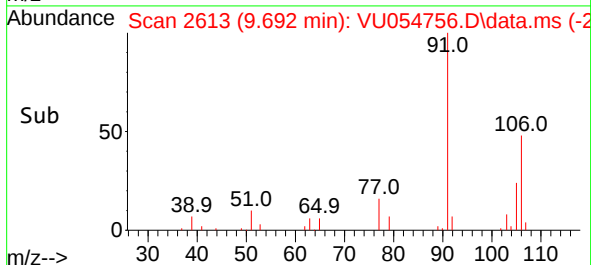
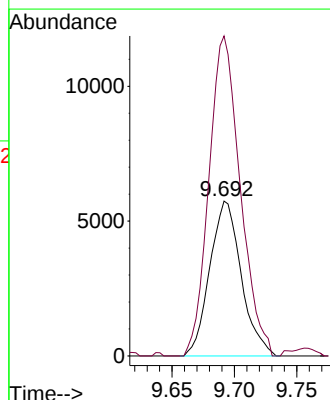
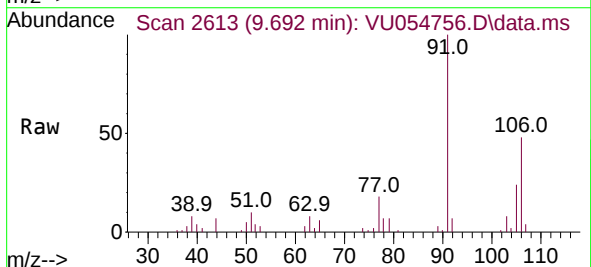
Acq: 03 Jul 2023 18:08

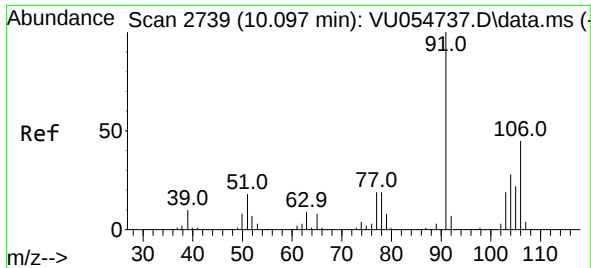
Tgt Ion: 106 Resp: 10084

Ion Ratio Lower Upper

106 100

91 206.6 147.0 273.0





#54
 o-Xylene
 Concen: 0.136 ug/L
 RT: 10.097 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU054756.D
 Acq: 03 Jul 2023 18:08

Instrument :
 MSVOA_U
 ClientSampleId :
 A4716

Tgt Ion:106 Resp: 4848
 Ion Ratio Lower Upper
 106 100
 91 223.6 154.5 286.9

