

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
 Data File : VU059386.D
 Acq On : 20 Jun 2024 17:54
 Operator : MD/SY
 Sample : P2897-14 20X
 Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T61

Quant Time: Jun 21 06:49:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 21 06:47:42 2024
 Response via : Initial Calibration

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

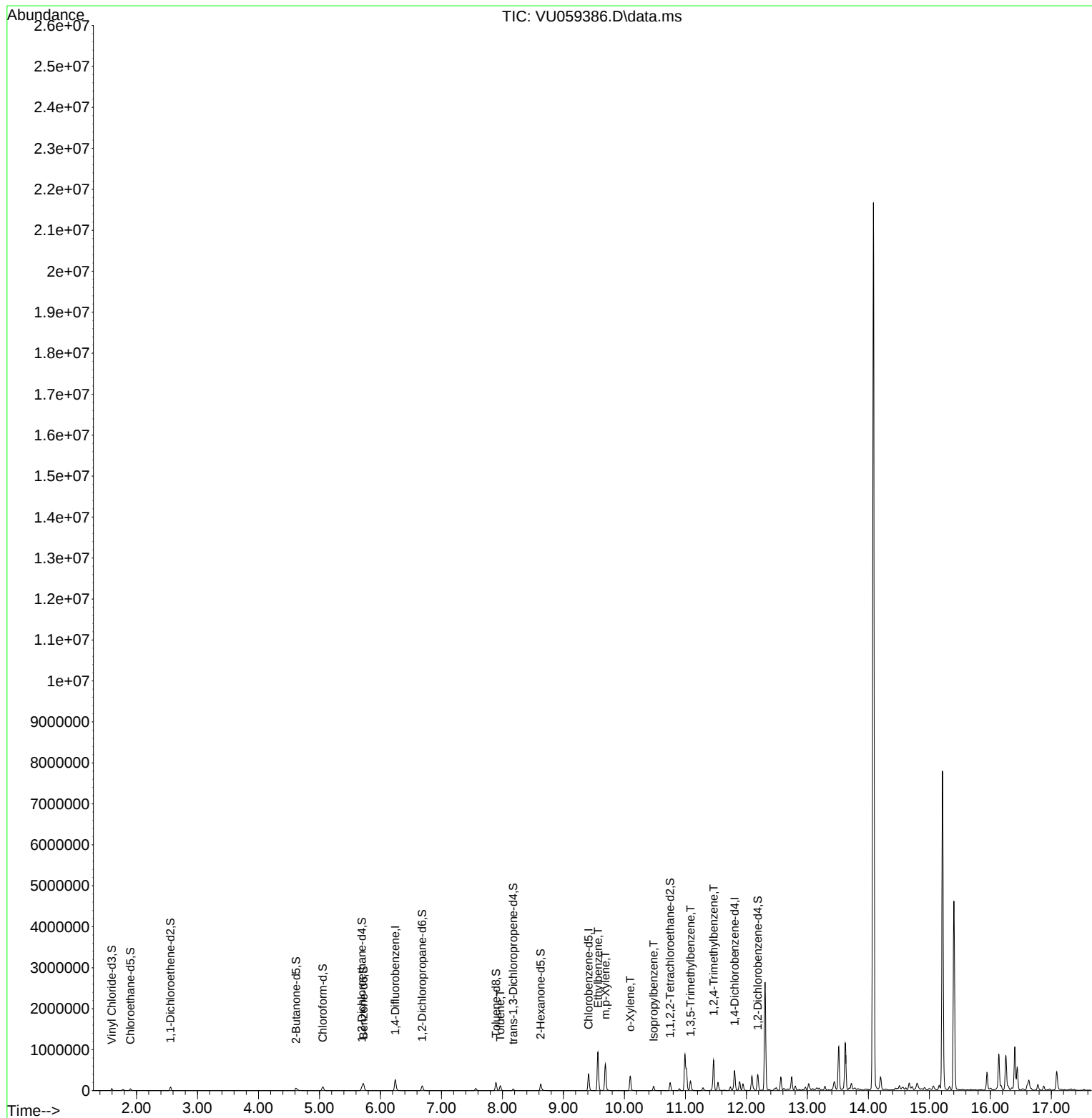
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	223329	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	229943	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	129225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36898	27.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.180%#
7) Chloroethane-d5	1.901	69	37649	32.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.740%#
11) 1,1-Dichloroethene-d2	2.557	63	50728	19.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	38.440%#
21) 2-Butanone-d5	4.615	46	87924	69.761	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.760%
24) Chloroform-d	5.055	84	90252	33.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.800%#
26) 1,2-Dichloroethane-d4	5.695	65	57942	35.514	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.020%
32) Benzene-d6	5.721	84	167638	31.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.520%#
36) 1,2-Dichloropropane-d6	6.685	67	58103	31.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	63.860%#
41) Toluene-d8	7.894	98	140624	31.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.780%#
43) trans-1,3-Dichloroprop...	8.177	79	22627	30.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.520%
47) 2-Hexanone-d5	8.627	63	54220	64.434	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.430%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	100680	32.692	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	65.380%
66) 1,2-Dichlorobenzene-d4	12.187	152	71265	36.954	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.900%#
Target Compounds						
					Qvalue	
42) Toluene	7.965	91	91899	11.026	ug/L	100
52) Ethylbenzene	9.566	91	654588	76.183	ug/L	97
53) m,p-Xylene	9.688	106	186565	59.079	ug/L	96
54) o-Xylene	10.097	106	94585	30.906	ug/L	95
61) Isopropylbenzene	10.479	105	69117	7.602	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	127148	19.303	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	404383	56.632	ug/L	98

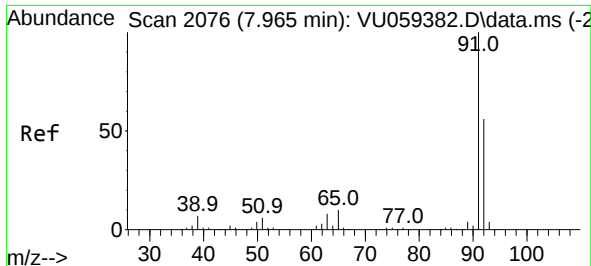
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#42

Toluene

Concen: 11.026 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059386.D

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Instrument :

MSVOA_U

ClientSampleId :

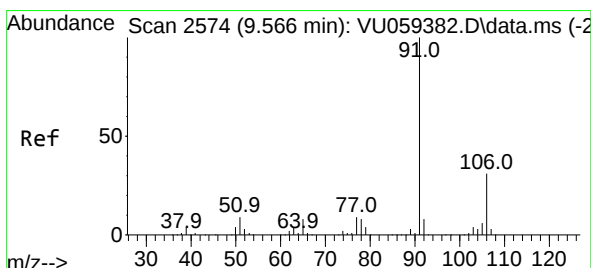
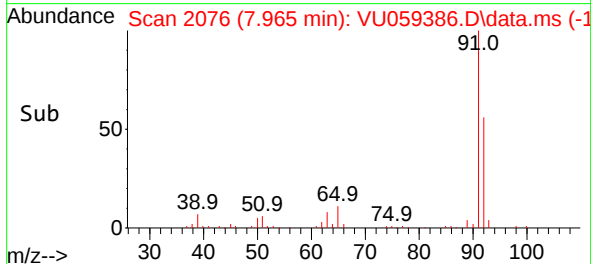
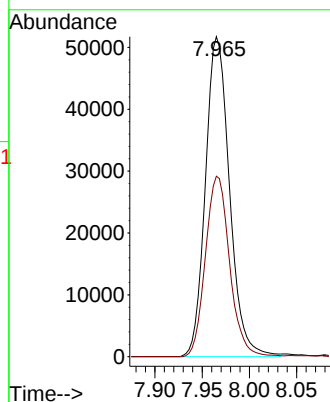
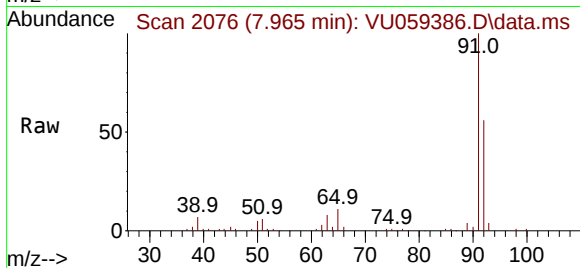
C0T61

Tgt Ion: 91 Resp: 91899

Ion Ratio Lower Upper

91 100

92 56.4 39.4 73.2



#52

Ethylbenzene

Concen: 76.183 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU059386.D

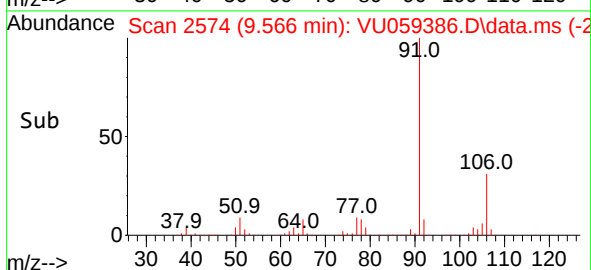
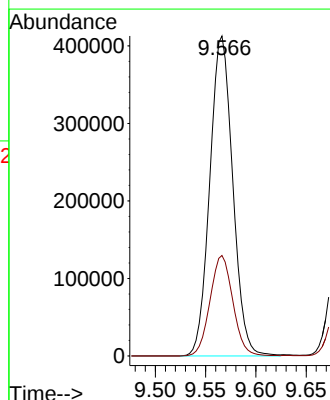
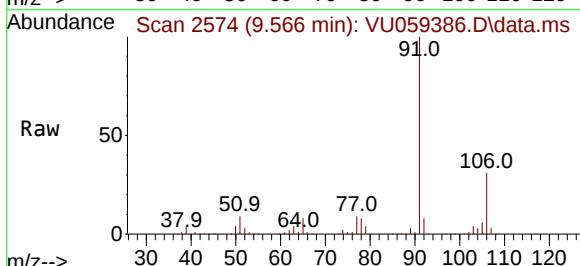
Acq: 20 Jun 2024 17:54

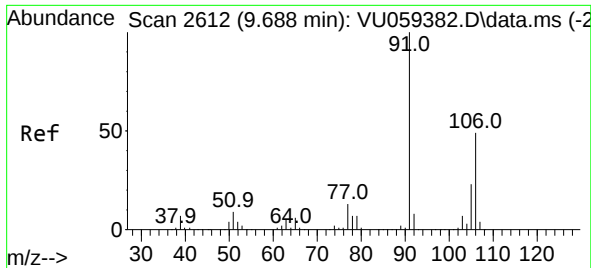
Tgt Ion: 91 Resp: 654588

Ion Ratio Lower Upper

91 100

106 31.4 21.0 39.0

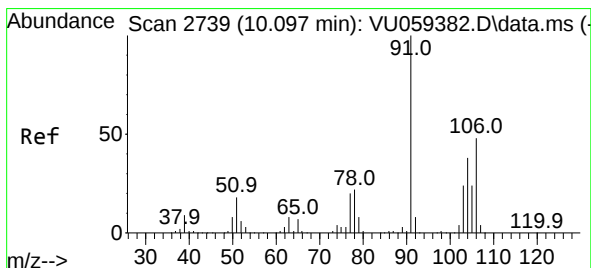
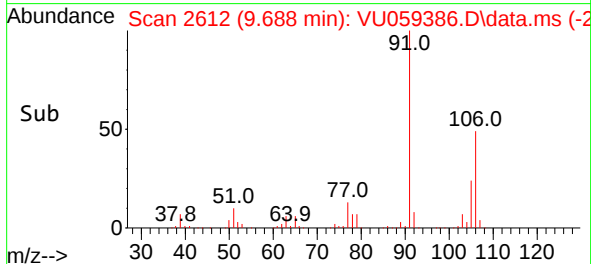
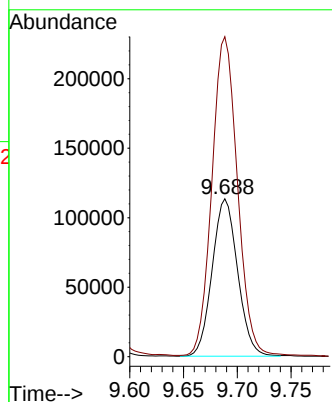
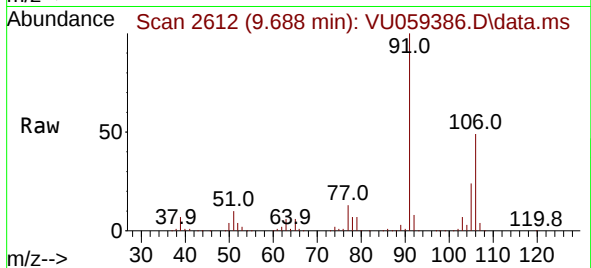




#53
m,p-Xylene
Concen: 59.079 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

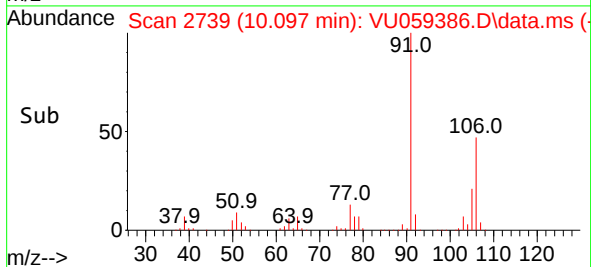
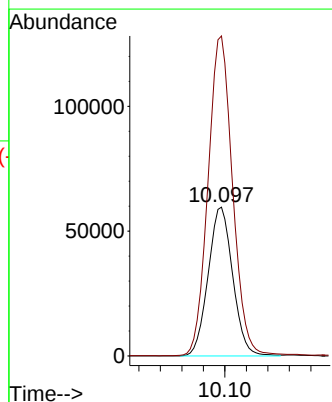
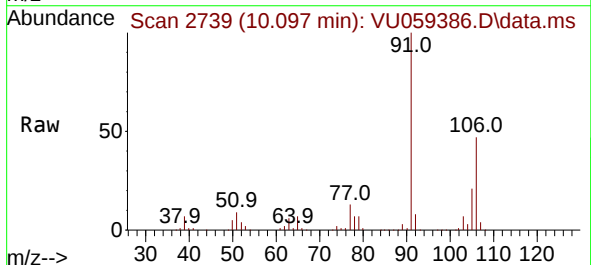
Instrument :
MSVOA_U
ClientSampleId :
C0T61

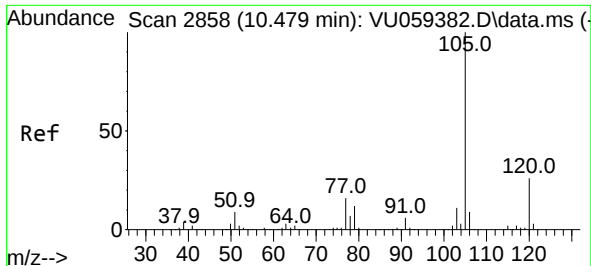
Tgt Ion:106 Resp: 186565
Ion Ratio Lower Upper
106 100
91 202.7 146.4 272.0



#54
o-Xylene
Concen: 30.906 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Tgt Ion:106 Resp: 94585
Ion Ratio Lower Upper
106 100
91 215.0 156.7 290.9

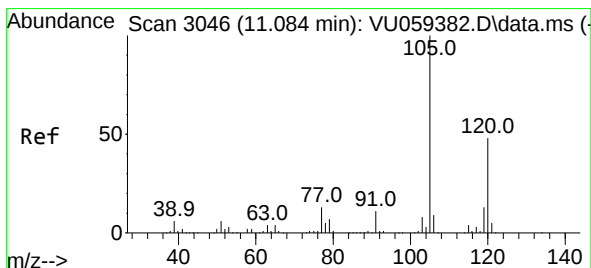
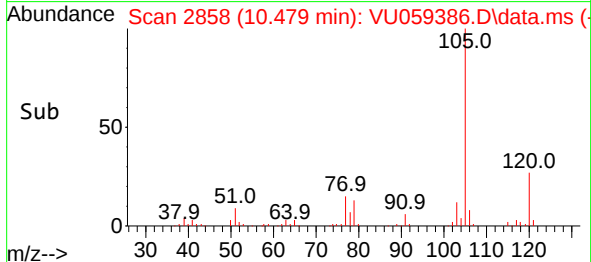
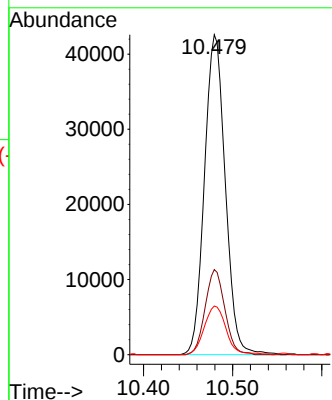
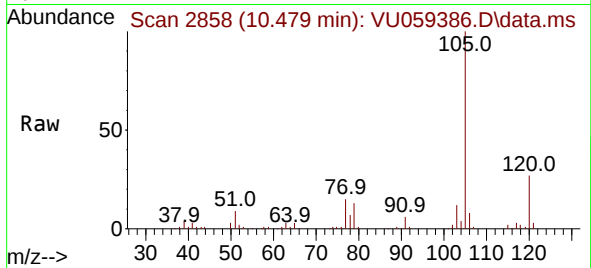




#61
Isopropylbenzene
Concen: 7.602 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

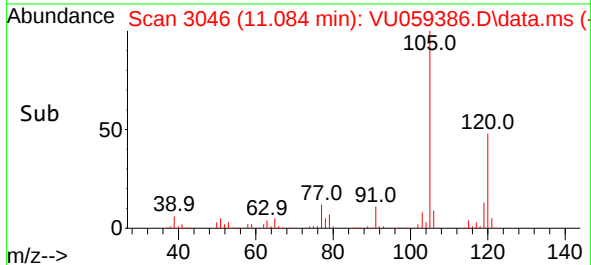
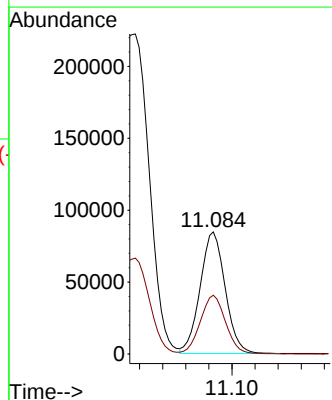
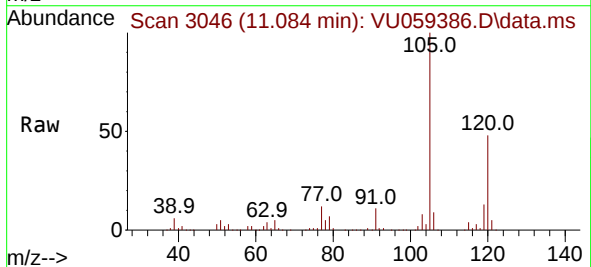
Instrument :
MSVOA_U
ClientSampleId :
C0T61

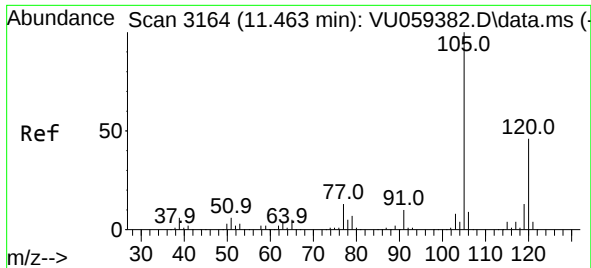
Tgt Ion:105 Resp: 69117
Ion Ratio Lower Upper
105 100
120 25.1 20.3 30.5
77 15.8 13.4 20.0



#62
1,3,5-Trimethylbenzene
Concen: 19.303 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Tgt Ion:105 Resp: 127148
Ion Ratio Lower Upper
105 100
120 49.1 37.8 56.8





#63
1,2,4-Trimethylbenzene
Concen: 56.632 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Instrument :
MSVOA_U
ClientSampleId :
C0T61

Tgt Ion:105 Resp: 404383
Ion Ratio Lower Upper
105 100
120 44.9 35.0 52.6

