

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058649.D
 Acq On : 12 Apr 2024 13:16
 Operator : MD/SY
 Sample : P1992-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ9

Quant Time: Apr 13 00:05:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

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

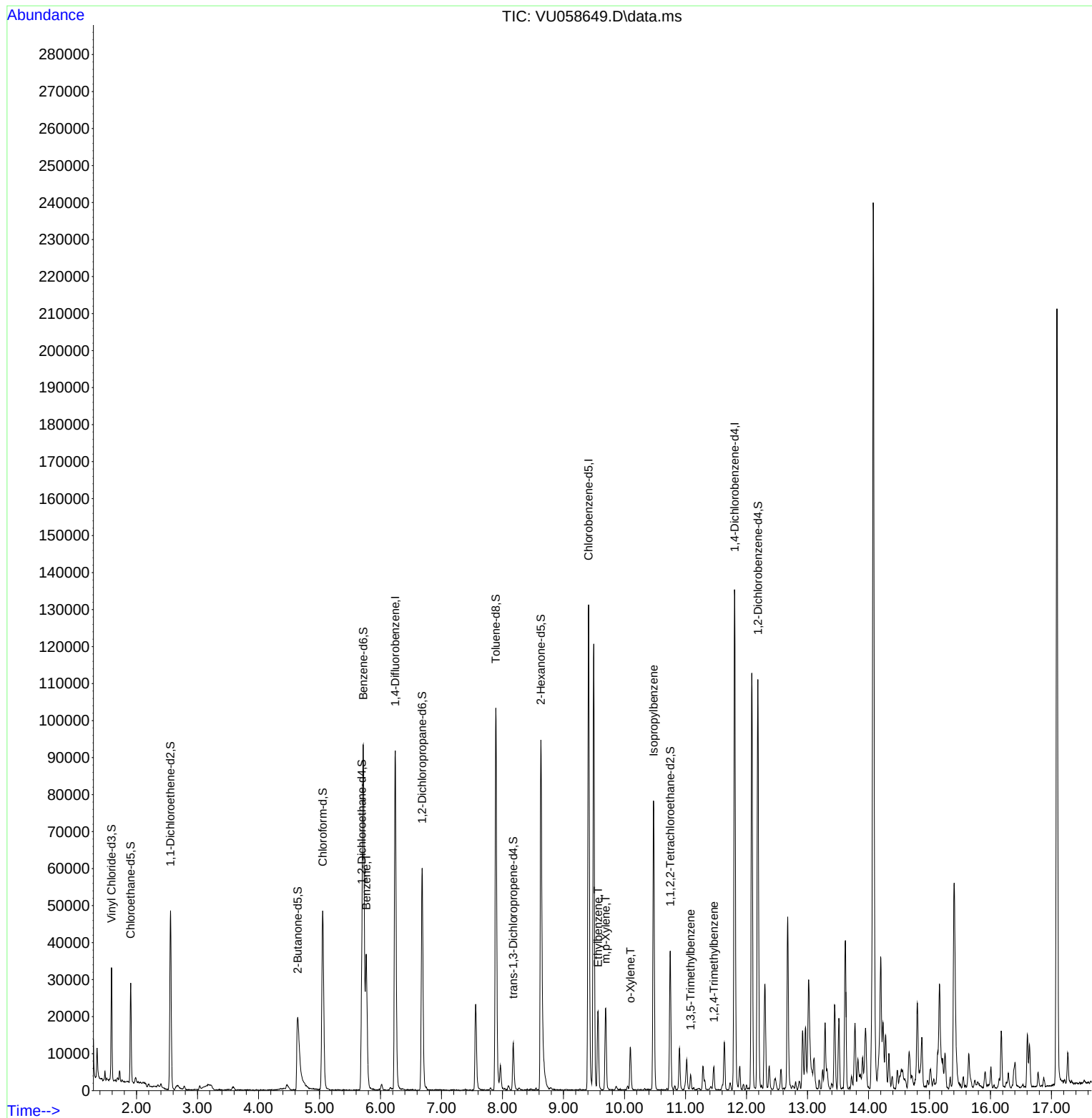
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	70144	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	19061	4.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.904	69	18122	4.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.557	65	9190	4.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.640	46	43595	44.545	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.100%
24) Chloroform-d	5.052	84	44960	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.695	65	20853	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.717	84	84299	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	28256	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	68154	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	7669	4.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.627	63	32658	43.986	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18438	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.186	152	25098	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
33) Benzene	5.766	78	33742	1.355	ug/L	100
52) Ethylbenzene	9.566	91	14923	0.539	ug/L	100
53) m,p-Xylene	9.691	106	5897	0.595	ug/L	96
54) o-Xylene	10.097	106	3022	0.311	ug/L	99
60) Isopropylbenzene	10.476	105	46527	1.906	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	2538	0.127	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	3742	0.184	ug/L	100

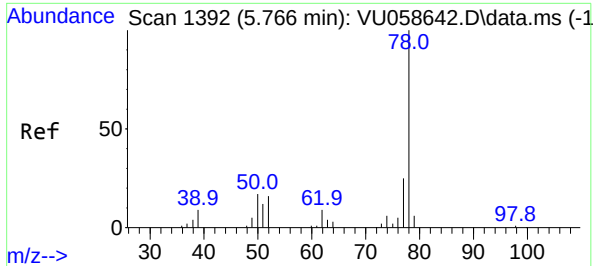
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 1.355 ug/L

RT: 5.766 min Scan# 1392

Delta R.T. -0.000 min

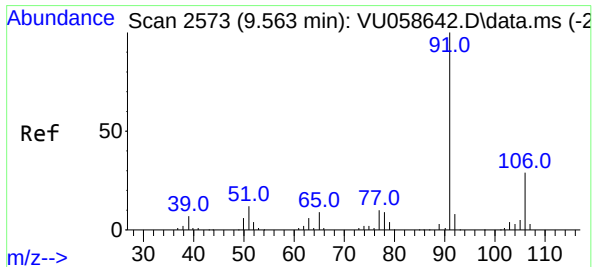
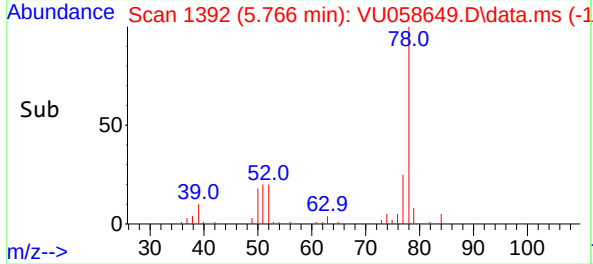
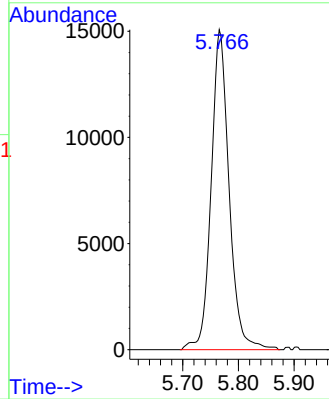
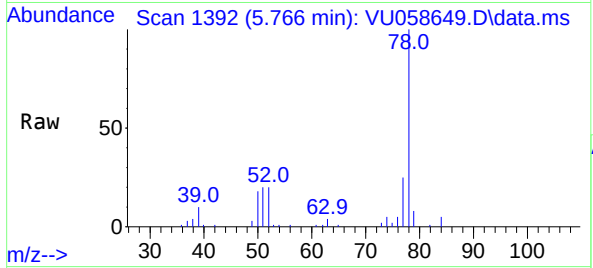
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Instrument : MSVOA_U

ClientSampleId : C0AJ9

Tgt Ion: 78 Resp: 33742



#52

Ethylbenzene

Concen: 0.539 ug/L

RT: 9.566 min Scan# 2574

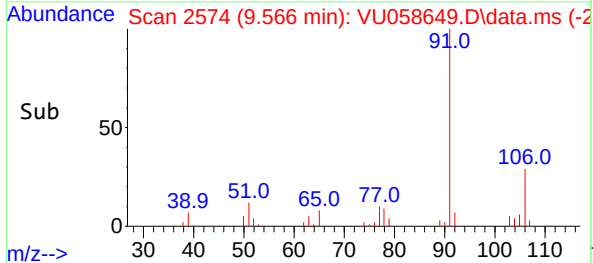
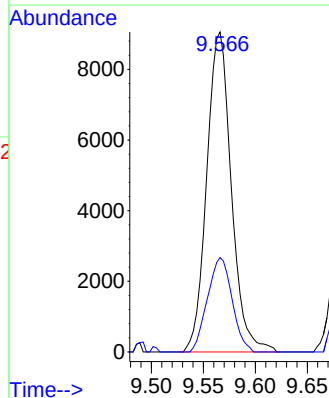
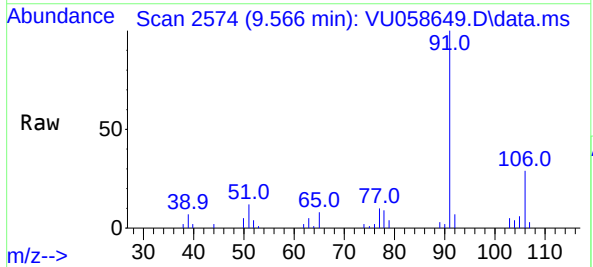
Delta R.T. 0.003 min

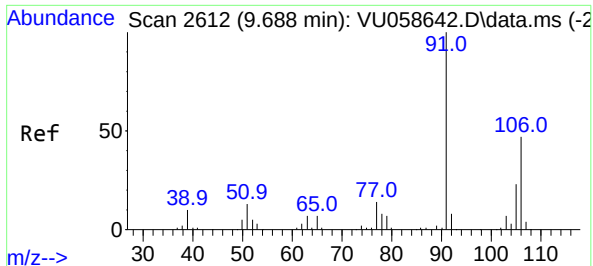
Lab File: VU058649.D

Acq: 12 Apr 2024 13:16

Tgt Ion: 91 Resp: 14923

Ion	Ratio	Lower	Upper
91	100		
106	29.5	20.6	38.4

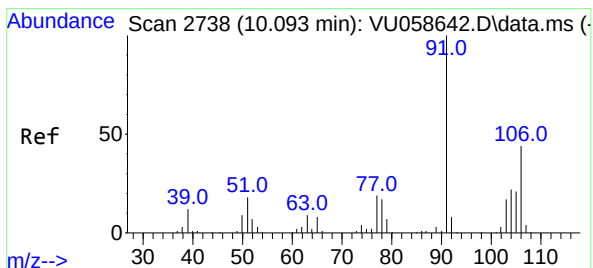
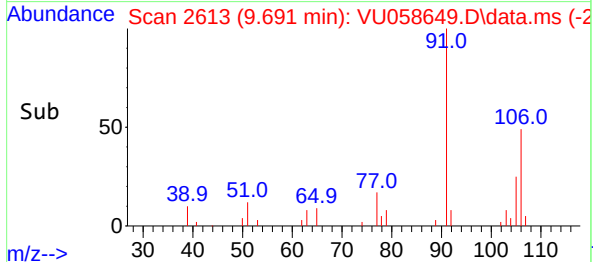
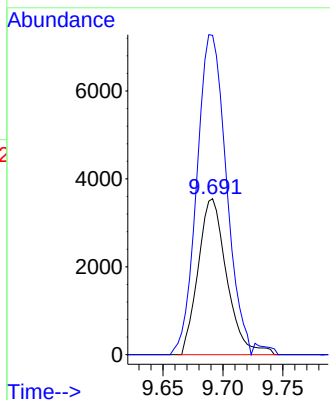
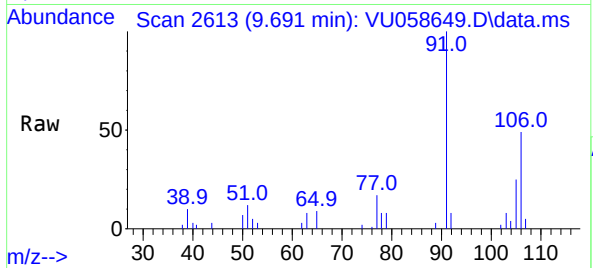




#53
m,p-Xylene
Concen: 0.595 ug/L
RT: 9.691 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058649.D
Acq: 12 Apr 2024 13:16

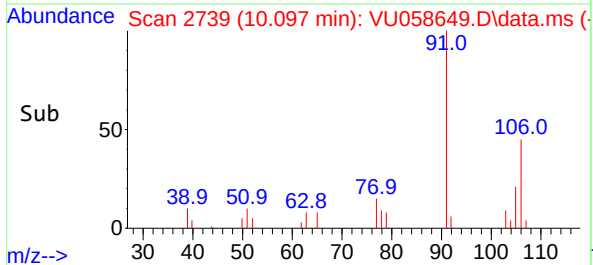
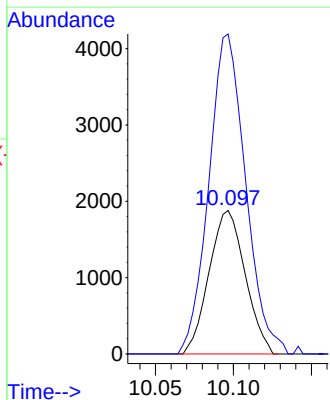
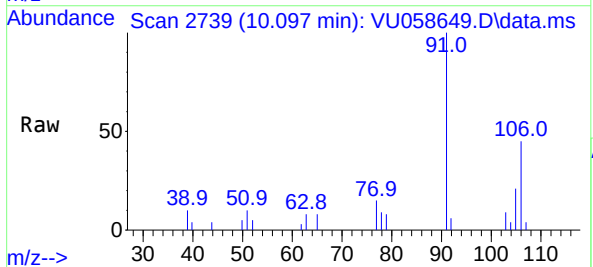
Instrument :
MSVOA_U
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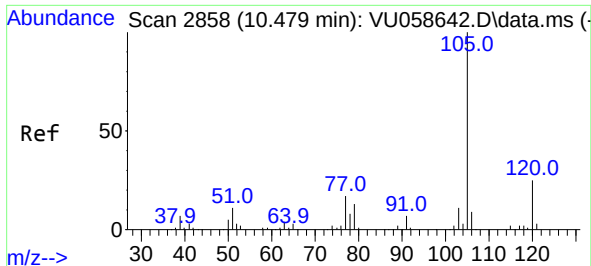
Tgt Ion:106 Resp: 5897
Ion Ratio Lower Upper
106 100
91 204.6 147.8 274.4



#54
o-Xylene
Concen: 0.311 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU058649.D
Acq: 12 Apr 2024 13:16

Tgt Ion:106 Resp: 3022
Ion Ratio Lower Upper
106 100
91 223.0 156.9 291.5

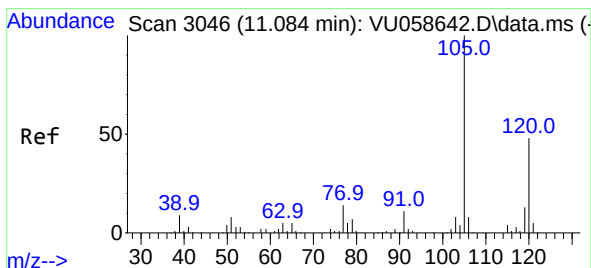
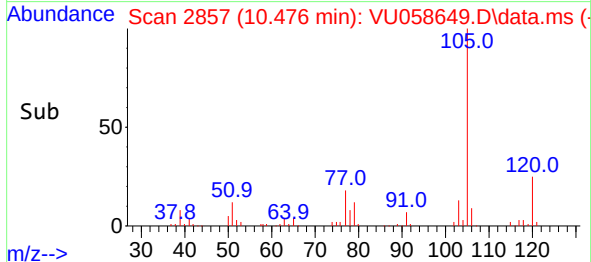
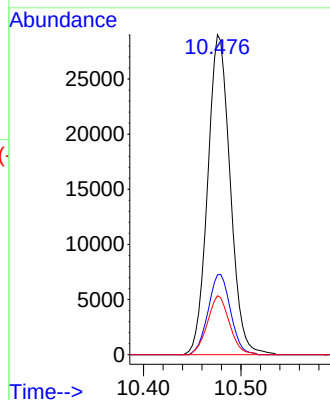
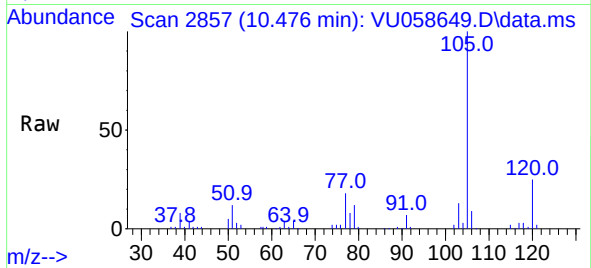




#60
Isopropylbenzene
Concen: 1.906 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058649.D
Acq: 12 Apr 2024 13:16

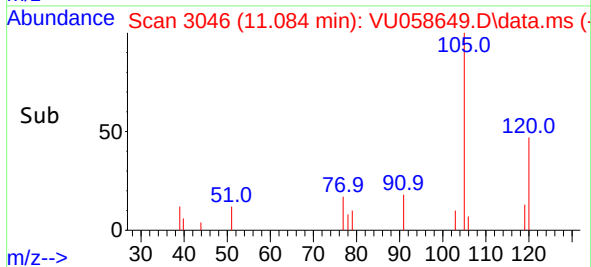
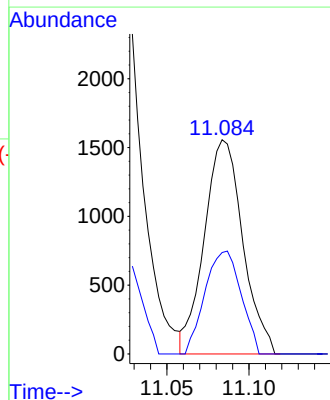
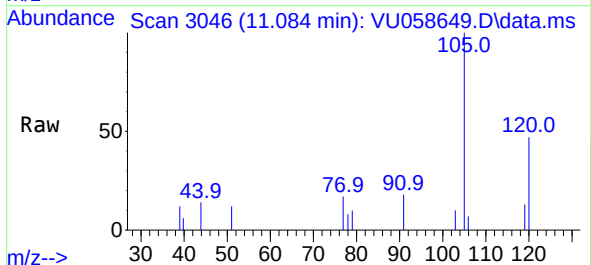
Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

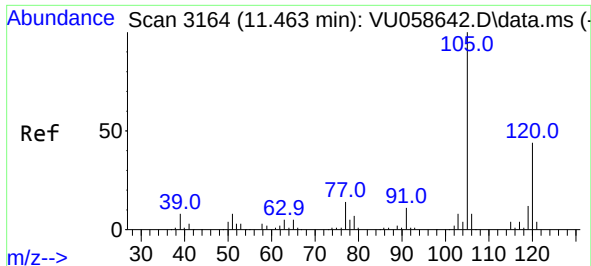
Tgt Ion:105 Resp: 46527
Ion Ratio Lower Upper
105 100
120 25.0 20.2 30.4
77 18.0 13.5 20.3



#62
1,3,5-Trimethylbenzene
Concen: 0.127 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU058649.D
Acq: 12 Apr 2024 13:16

Tgt Ion:105 Resp: 2538
Ion Ratio Lower Upper
105 100
120 44.9 37.2 55.8





#63

1,2,4-Trimethylbenzene

Concen: 0.184 ug/L

RT: 11.466 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU058649.D

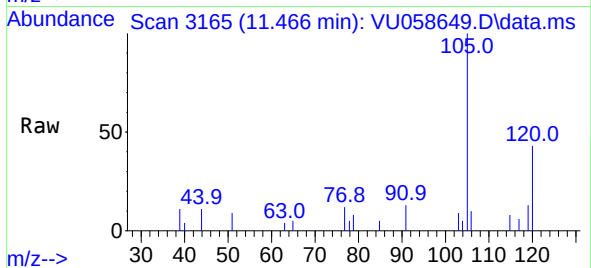
Acq: 12 Apr 2024 13:16

Instrument :

MSVOA_U

ClientSampleId :

C0AJ9



Tgt Ion:105 Resp: 3742

Ion Ratio Lower Upper

105 100

120 43.5 34.7 52.1

