

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059855.D
 Acq On : 05 Jul 2024 12:35
 Operator : MD/SY
 Sample : P3136-15DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BM2DL

Quant Time: Jul 06 03:03:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

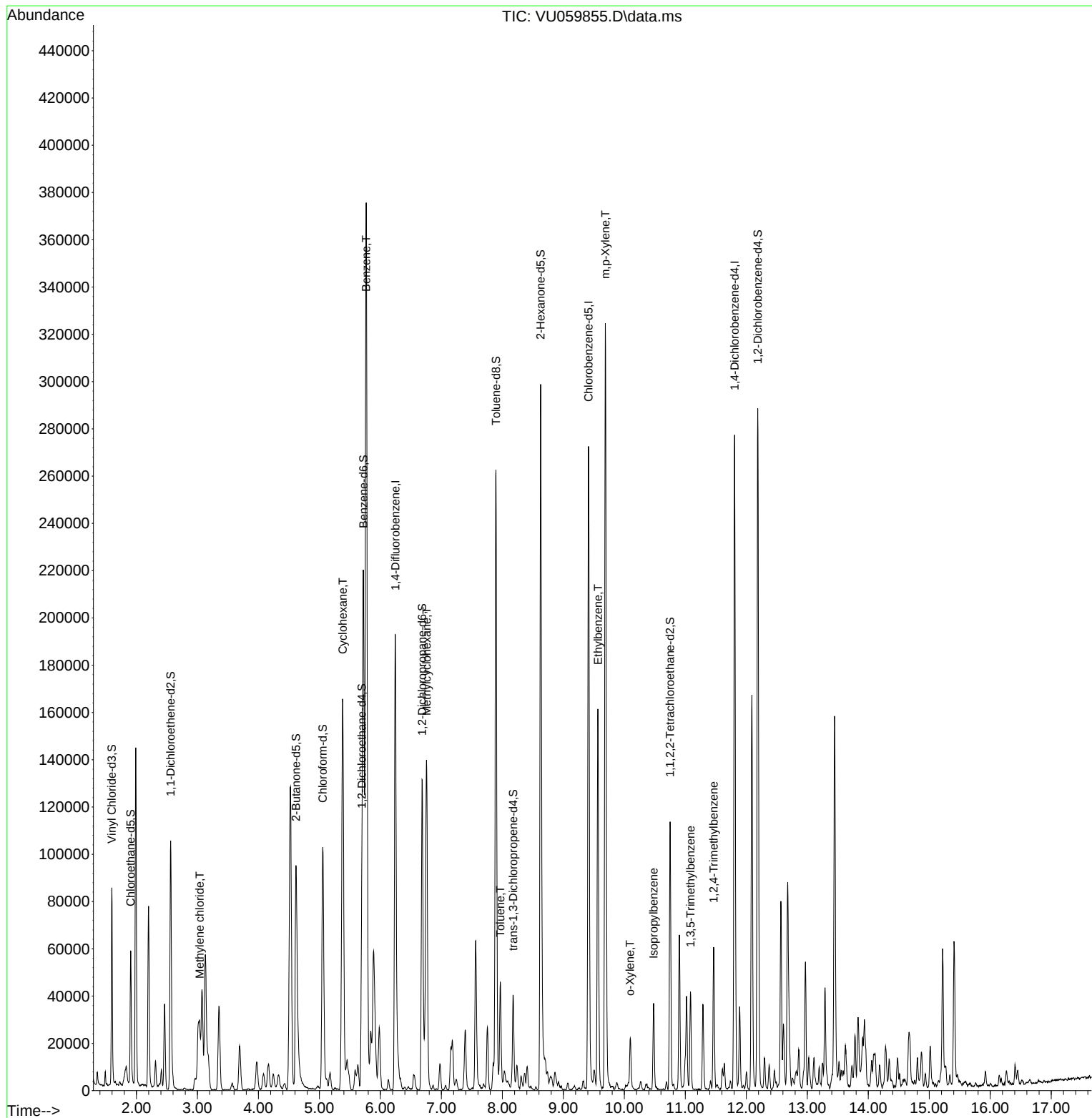
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	169079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49221	4.187	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.904	69	44537	3.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	19740	4.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.615	46	130219	53.770	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.540%
24) Chloroform-d	5.055	84	100605	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.695	65	53000	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	212481	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	65849	4.770	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	186153	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.177	79	23573	5.453	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.000%
46) 2-Hexanone-d5	8.627	63	106776	59.445	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	58934	5.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	74633	5.296	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	5432	0.382	ug/L	83
30) Cyclohexane	5.380	56	78535	4.706	ug/L	94
33) Benzene	5.766	78	380040	7.645	ug/L	100
35) Methylcyclohexane	6.756	83	54894	2.866	ug/L	100
42) Toluene	7.965	91	35990	0.684	ug/L	99
52) Ethylbenzene	9.566	91	112405	2.082	ug/L	96
53) m,p-Xylene	9.688	106	96558	4.657	ug/L	97
54) o-Xylene	10.094	106	6192	0.315	ug/L	91
60) Isopropylbenzene	10.479	105	23423	0.479	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	23032	0.594	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	33014	0.891	ug/L	97

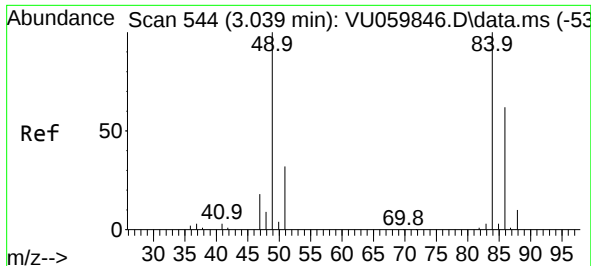
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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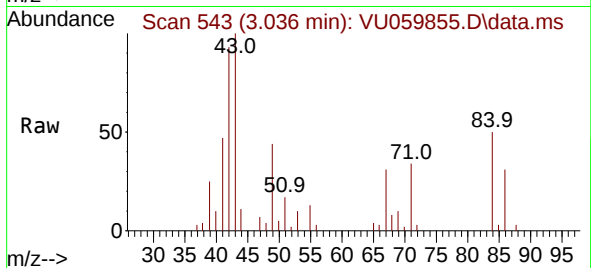
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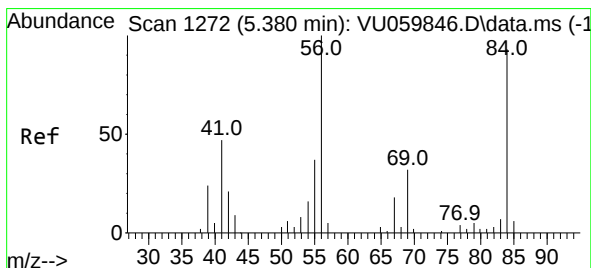
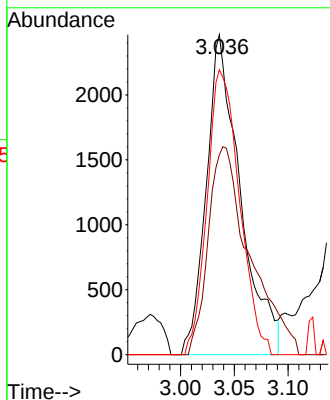
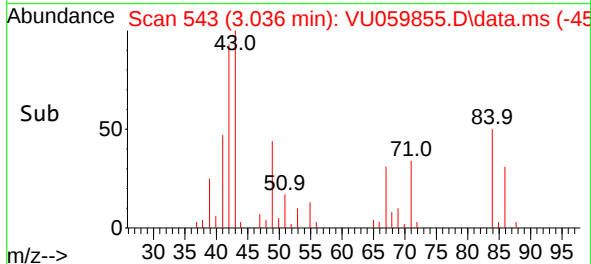


#16
Methylene chloride
Concen: 0.382 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :
C0BM2DL

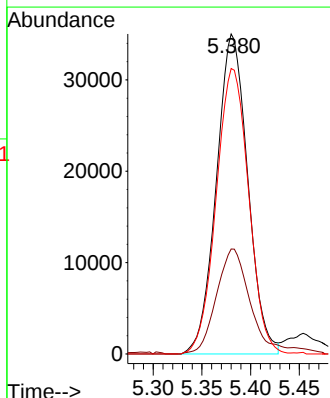
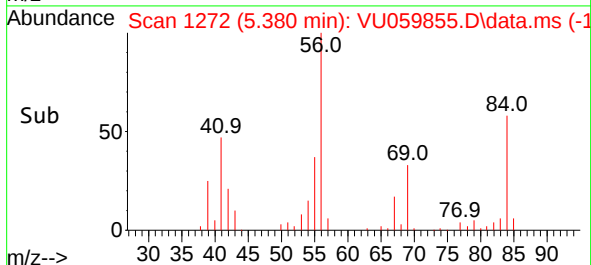
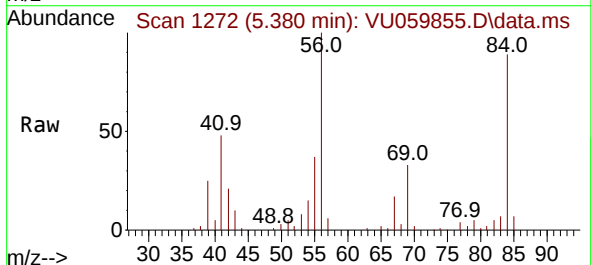


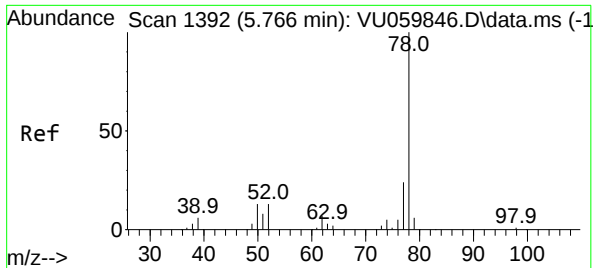
Tgt Ion: 84 Resp: 5432
Ion Ratio Lower Upper
84 100
86 62.4 42.1 78.1
49 89.0 80.6 149.8



#30
Cyclohexane
Concen: 4.706 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 56 Resp: 78535
Ion Ratio Lower Upper
56 100
69 36.3 24.8 37.2
84 92.2 69.8 104.8

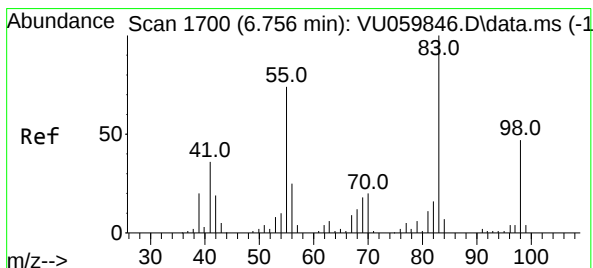
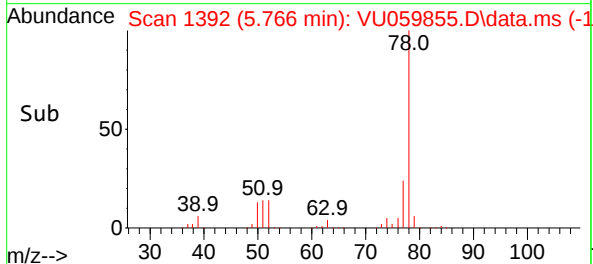
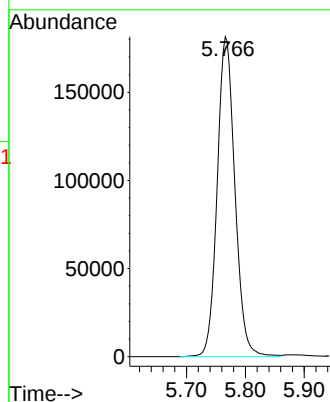
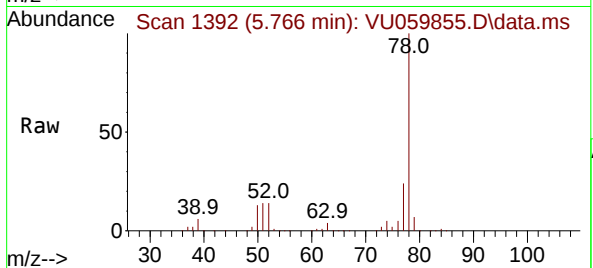




#33
Benzene
Concen: 7.645 ug/L
RT: 5.766 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

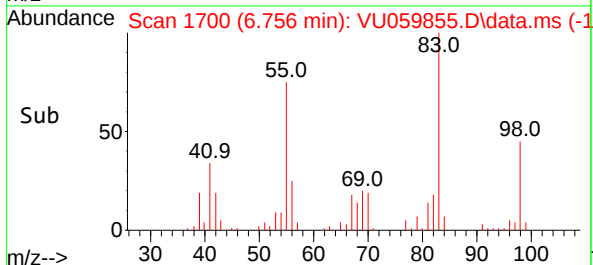
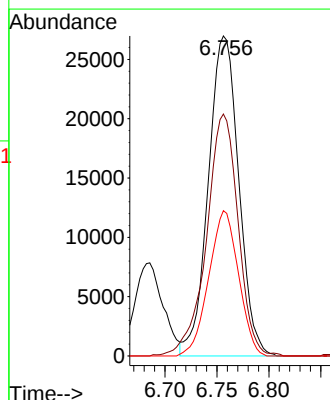
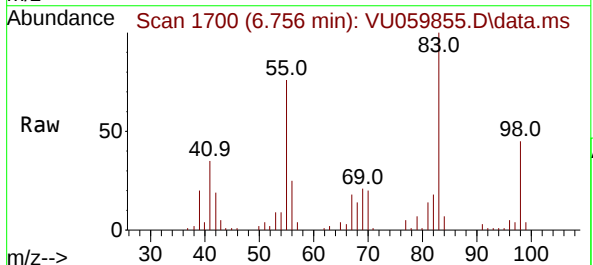
Instrument :
MSVOA_U
ClientSampleId :
C0BM2DL

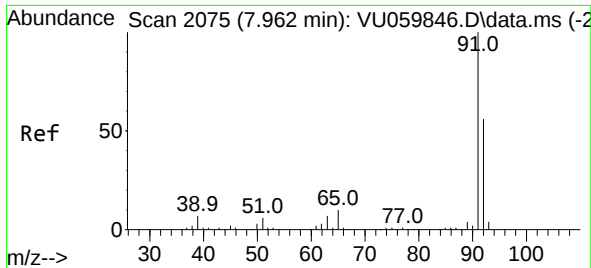
Tgt Ion: 78 Resp: 380040



#35
Methylcyclohexane
Concen: 2.866 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 83 Resp: 54894
Ion Ratio Lower Upper
83 100
55 78.6 62.7 94.1
98 44.4 35.4 53.0





#42

Toluene

Concen: 0.684 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059855.D

Acq: 05 Jul 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

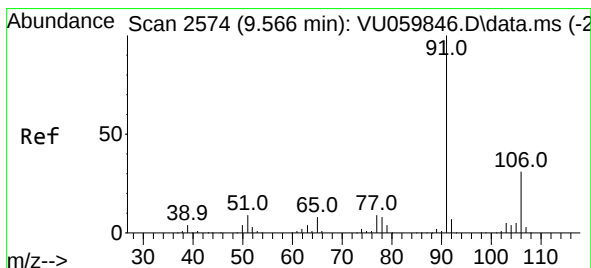
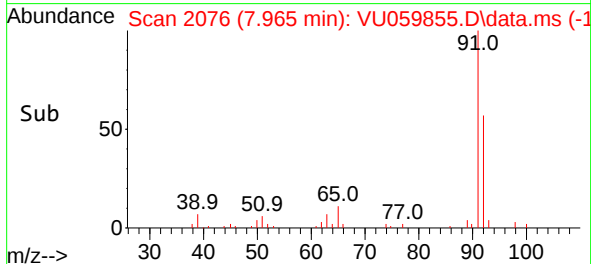
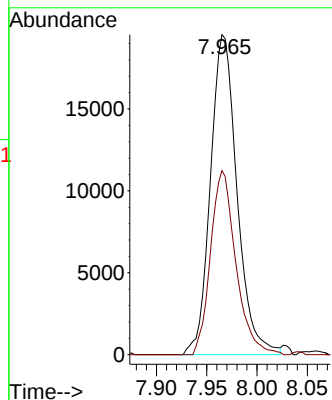
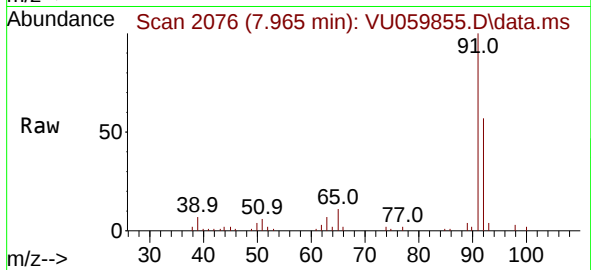
C0BM2DL

Tgt Ion: 91 Resp: 35990

Ion Ratio Lower Upper

91 100

92 57.5 39.7 73.7



#52

Ethylbenzene

Concen: 2.082 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU059855.D

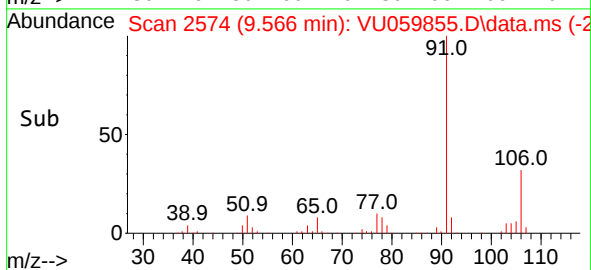
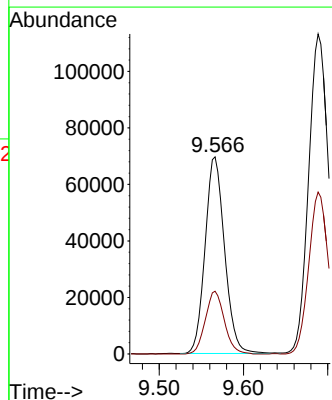
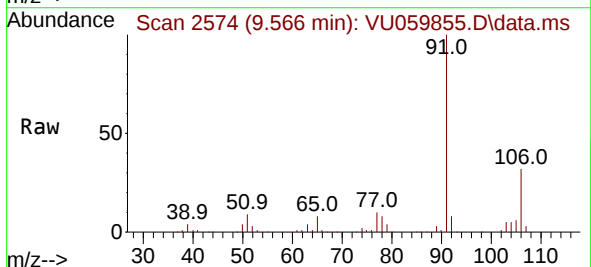
Acq: 05 Jul 2024 12:35

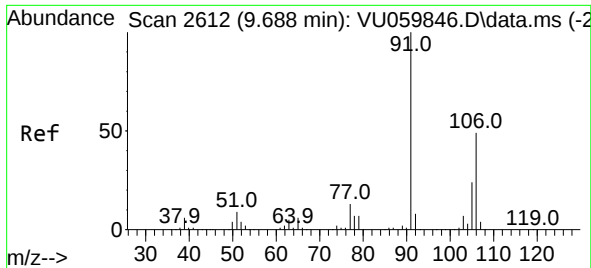
Tgt Ion: 91 Resp: 112405

Ion Ratio Lower Upper

91 100

106 31.9 20.9 38.7

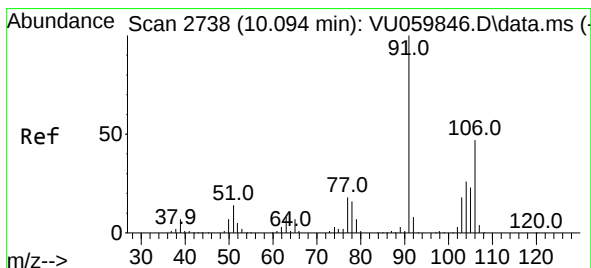
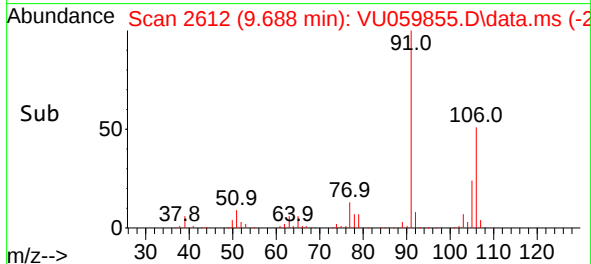
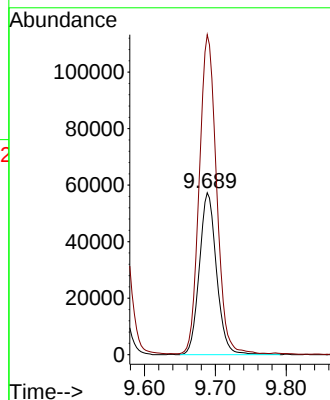
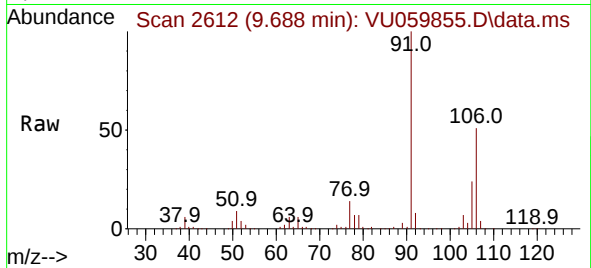




#53
m,p-Xylene
Concen: 4.657 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

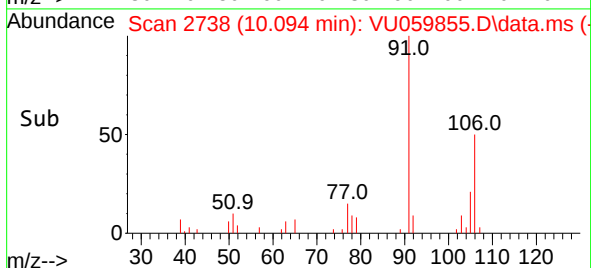
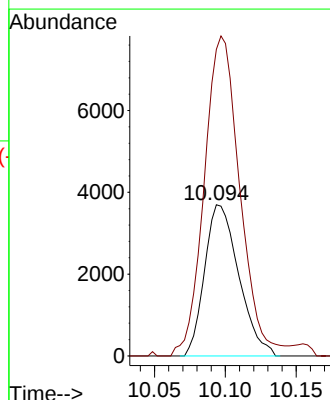
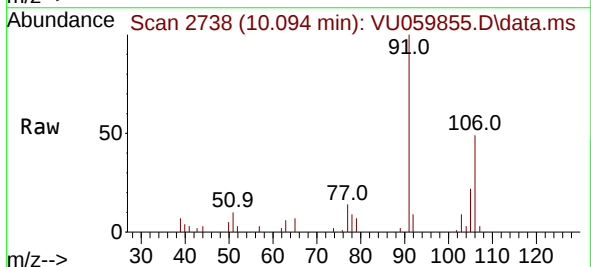
Instrument :
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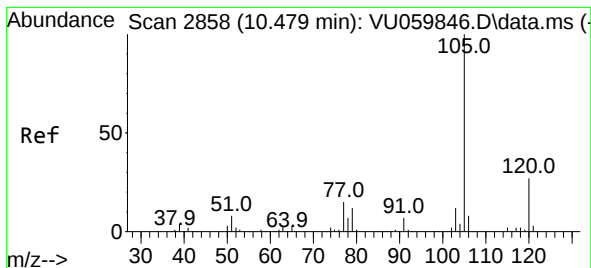
Tgt Ion:106 Resp: 96558
Ion Ratio Lower Upper
106 100
91 197.7 142.0 263.8



#54
o-Xylene
Concen: 0.315 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

Tgt Ion:106 Resp: 6192
Ion Ratio Lower Upper
106 100
91 202.7 151.6 281.6





#60

Isopropylbenzene

Concen: 0.479 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059855.D

Acq: 05 Jul 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

C0BM2DL

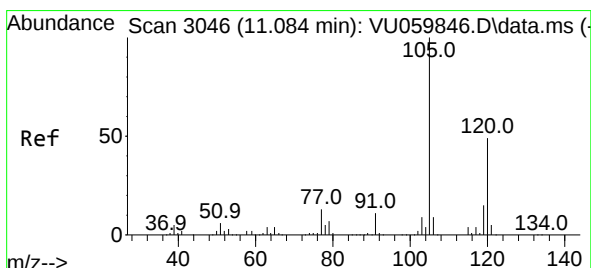
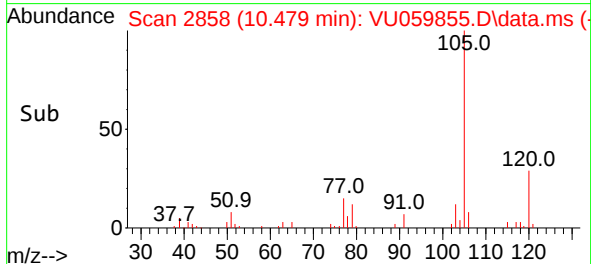
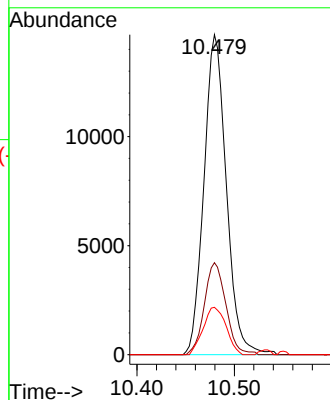
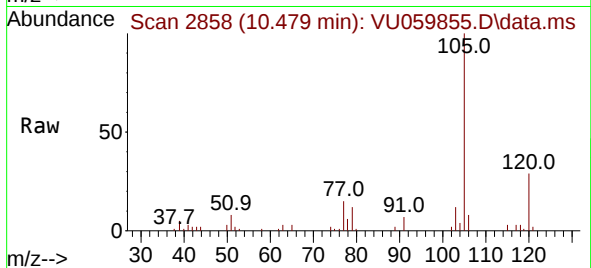
Tgt Ion:105 Resp: 23423

Ion Ratio Lower Upper

105 100

120 27.6 20.6 31.0

77 15.2 12.8 19.2



#62

1,3,5-Trimethylbenzene

Concen: 0.594 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059855.D

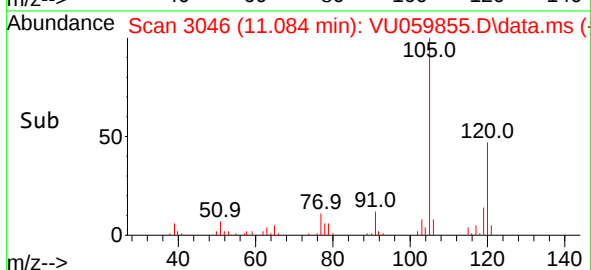
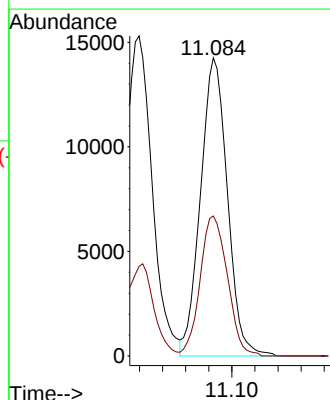
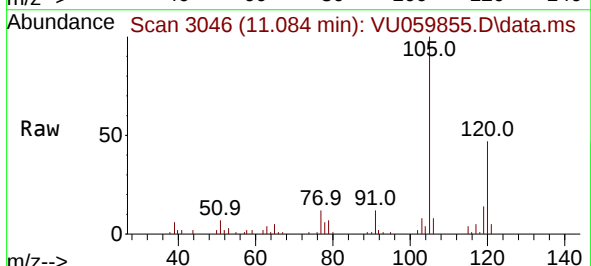
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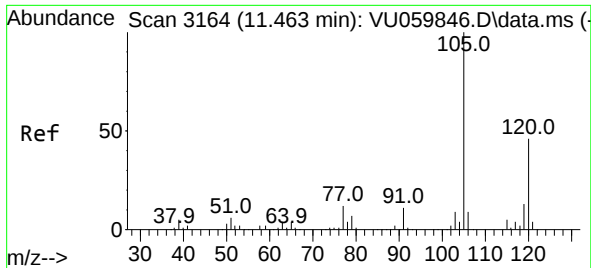
Tgt Ion:105 Resp: 23032

Ion Ratio Lower Upper

105 100

120 47.6 38.2 57.4





#63
1,2,4-Trimethylbenzene
Concen: 0.891 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059855.D
Acq: 05 Jul 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :
C0BM2DL

Tgt Ion:105 Resp: 33014
Ion Ratio Lower Upper
105 100
120 46.2 35.4 53.0

