

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059767.D
 Acq On : 03 Jul 2024 03:08
 Operator : MD/SY
 Sample : P3121-03DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BG8DL

Quant Time: Jul 03 04:11:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

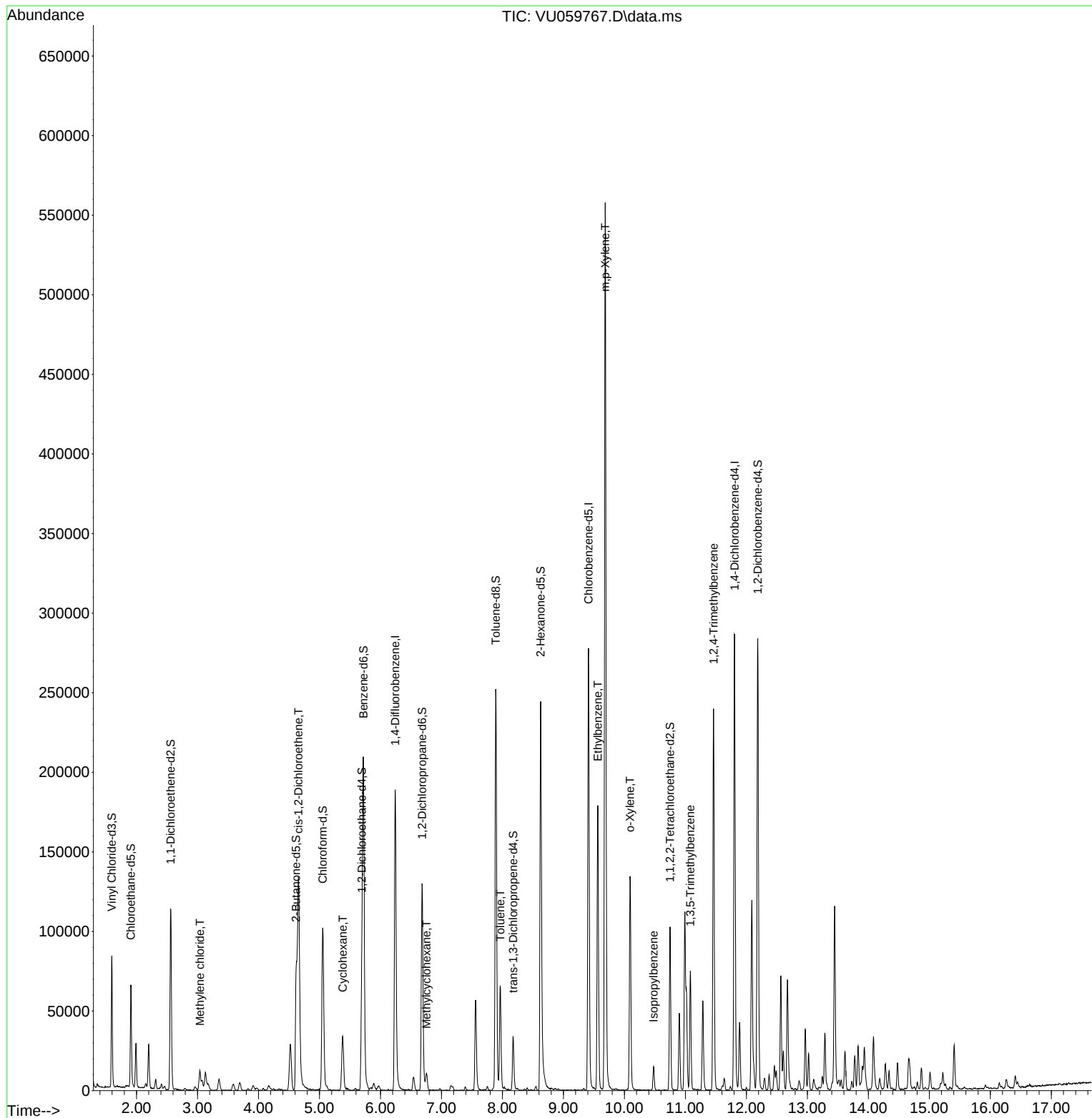
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162562	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80741	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56741	5.020	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.400%	
7) Chloroethane-d5	1.907	69	49709	4.570	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.560	65	20909	4.459	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.200%	
20) 2-Butanone-d5	4.618	46	107838	46.314	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.620%	
24) Chloroform-d	5.055	84	99968	4.309	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	5.695	65	50195	4.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.721	84	207433	4.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.682	67	66239	4.721	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.891	98	177951	4.180	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	8.177	79	20402	4.644	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.627	63	89531	49.043	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.080%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52495	4.528	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	71776	4.995	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	5745	0.421	ug/L	88
22) cis-1,2-Dichloroethene	4.656	96	67618	5.116	ug/L	97
30) Cyclohexane	5.380	56	15714	0.926	ug/L	92
35) Methylcyclohexane	6.753	83	4042	0.208	ug/L	93
42) Toluene	7.965	91	51857	0.969	ug/L	99
52) Ethylbenzene	9.563	91	125424	2.286	ug/L	96
53) m,p-Xylene	9.685	106	167125	7.930	ug/L	99
54) o-Xylene	10.094	106	38101	1.905	ug/L	100
60) Isopropylbenzene	10.479	105	10064	0.202	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	39967	1.011	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	132649	3.511	ug/L	98

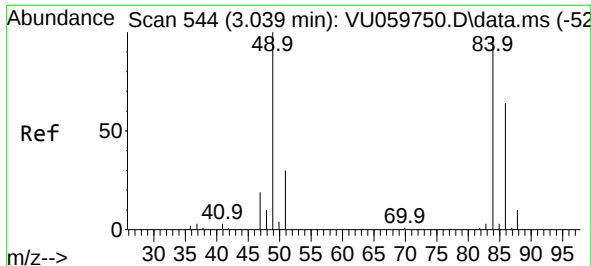
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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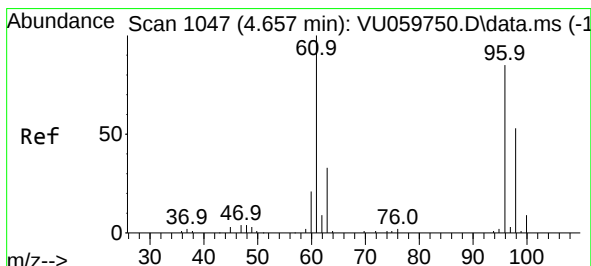
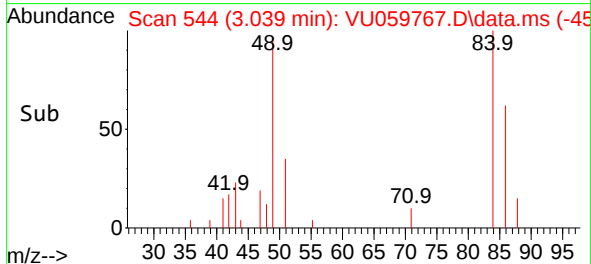
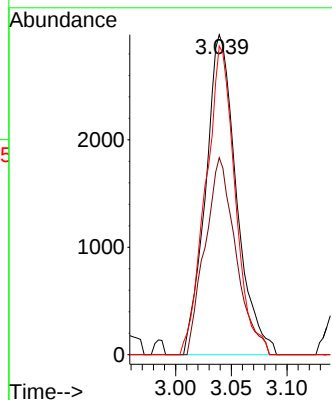
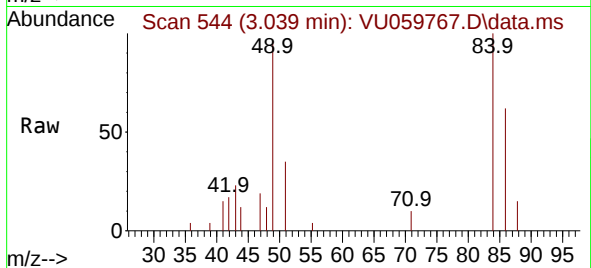




#16
Methylene chloride
Concen: 0.421 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

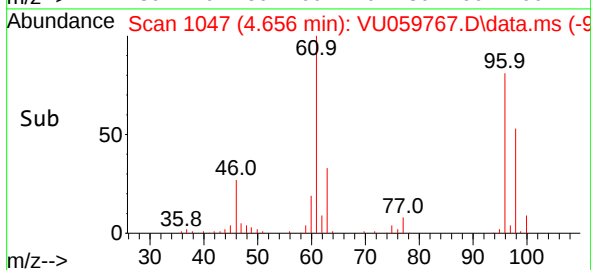
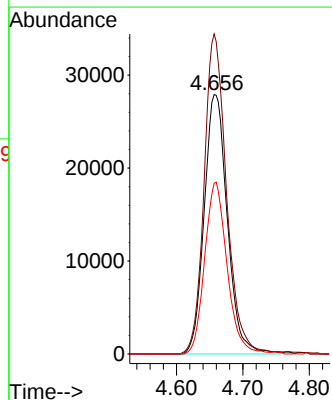
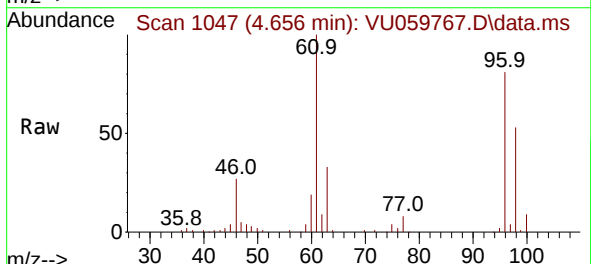
Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

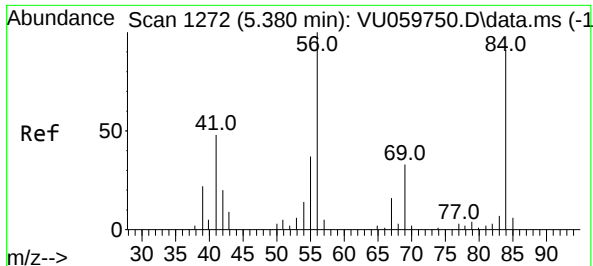
Tgt Ion: 84 Resp: 5745
Ion Ratio Lower Upper
84 100
86 61.6 42.1 78.1
49 96.5 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 5.116 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Tgt Ion: 96 Resp: 67618
Ion Ratio Lower Upper
96 100
61 123.4 87.4 162.2
98 65.8 42.3 78.5

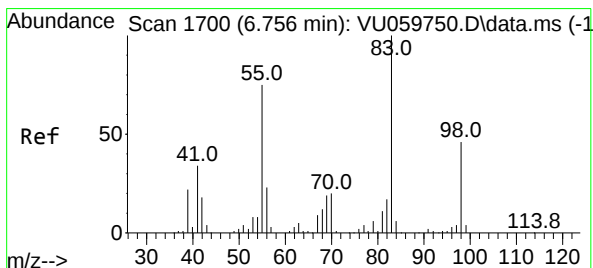
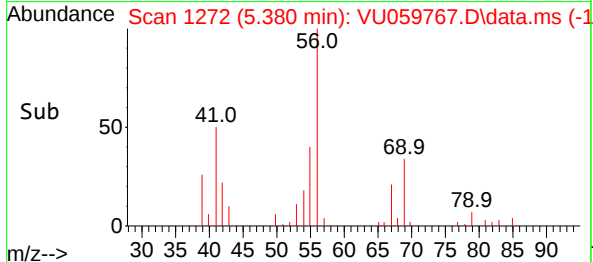
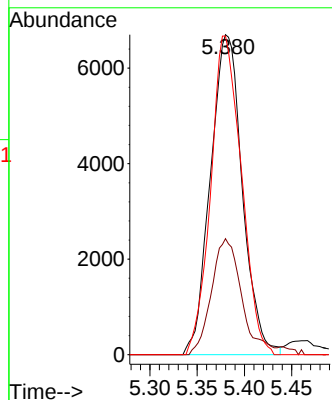
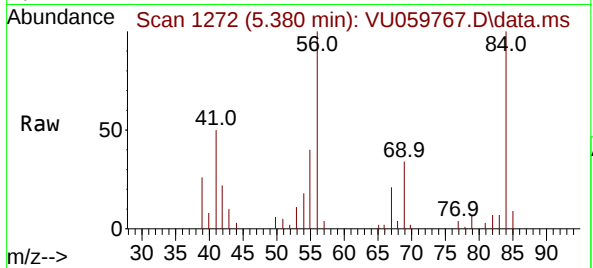




#30
Cyclohexane
Concen: 0.926 ug/L
RT: 5.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

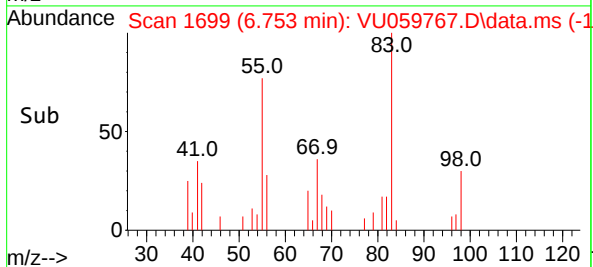
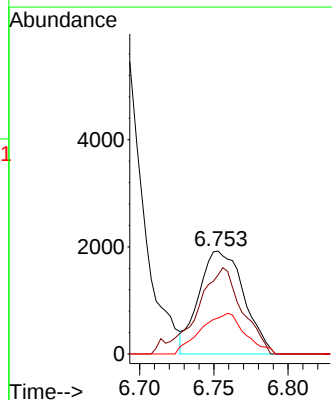
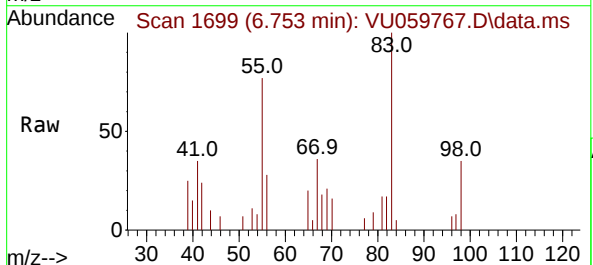
Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

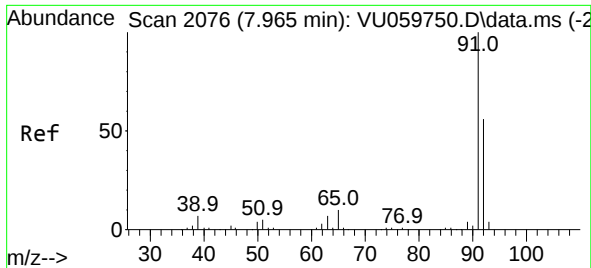
Tgt Ion:	56	Resp:	15714
Ion	Ratio	Lower	Upper
56	100		
69	34.2	24.8	37.2
84	95.7	69.8	104.8



#35
Methylcyclohexane
Concen: 0.208 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Tgt Ion:	83	Resp:	4042
Ion	Ratio	Lower	Upper
83	100		
55	84.5	62.7	94.1
98	38.8	35.4	53.0





#42

Toluene

Concen: 0.969 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059767.D

Acq: 03 Jul 2024 03:08

Instrument :

MSVOA_U

ClientSampleId :

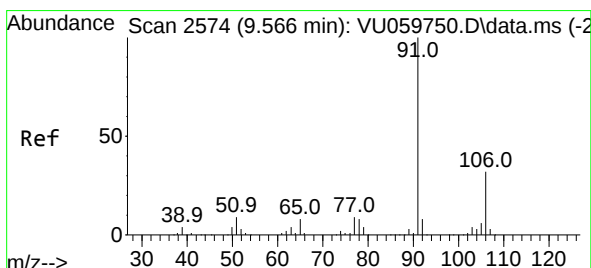
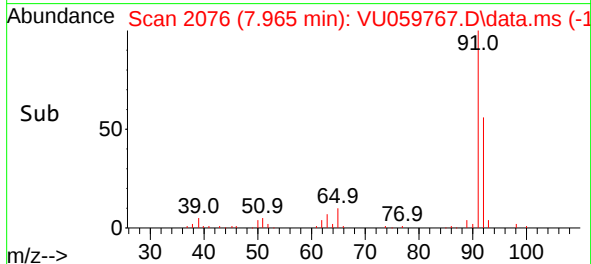
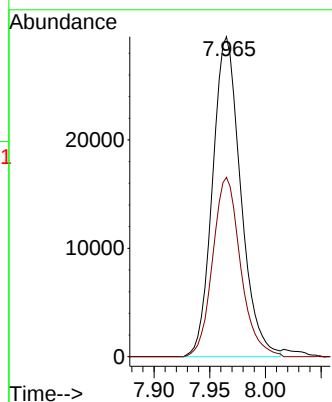
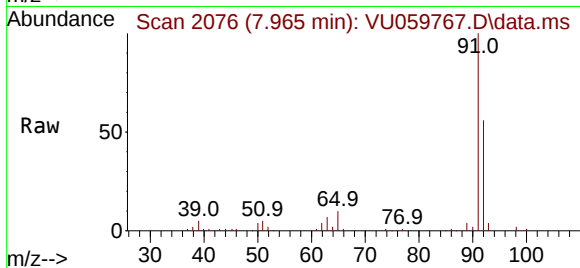
C0BG8DL

Tgt Ion: 91 Resp: 51857

Ion Ratio Lower Upper

91 100

92 56.0 39.7 73.7



#52

Ethylbenzene

Concen: 2.286 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU059767.D

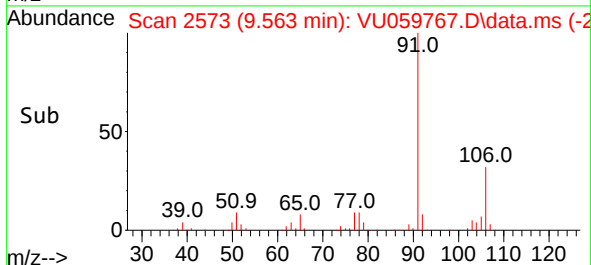
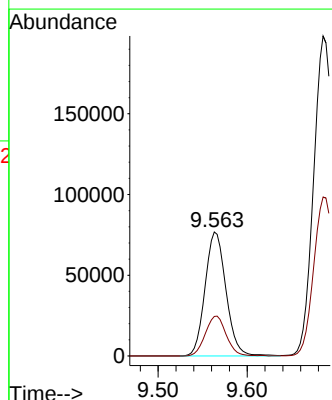
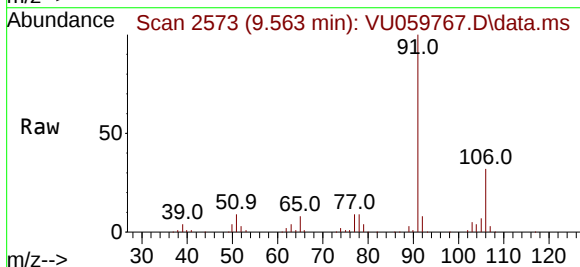
Acq: 03 Jul 2024 03:08

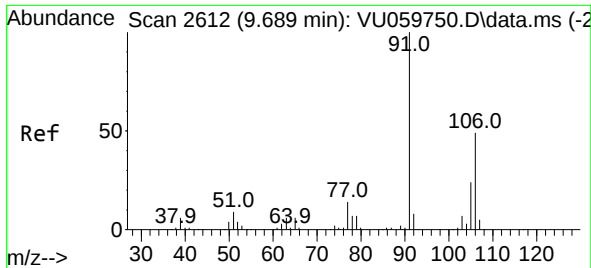
Tgt Ion: 91 Resp: 125424

Ion Ratio Lower Upper

91 100

106 31.9 20.9 38.7

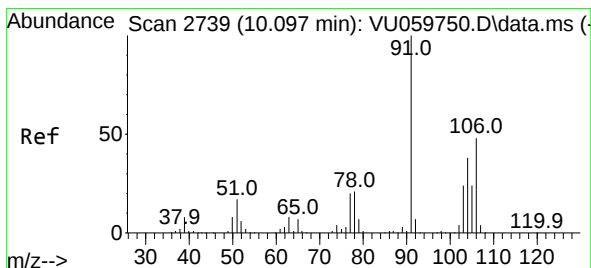
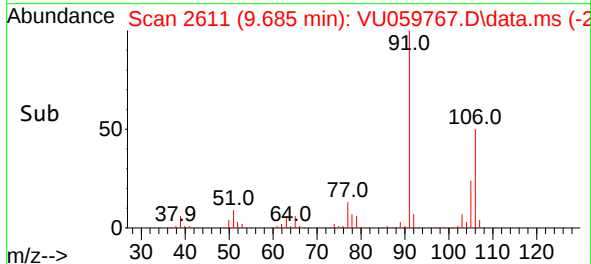
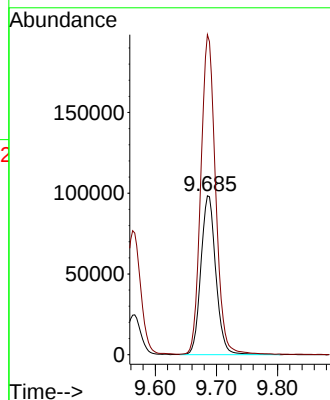
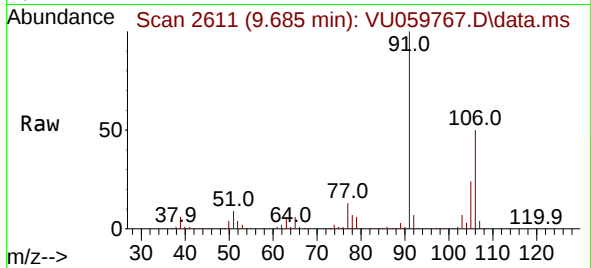




#53
m,p-Xylene
Concen: 7.930 ug/L
RT: 9.685 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

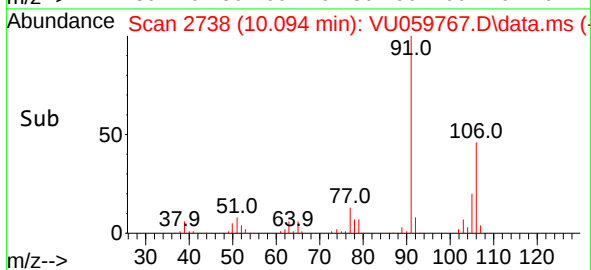
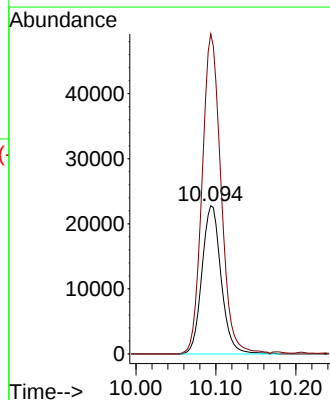
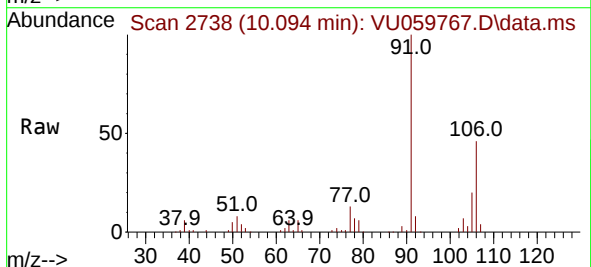
Instrument :
MSVOA_U
ClientSampleId :
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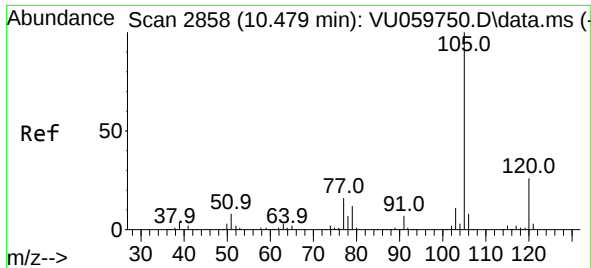
Tgt Ion:106 Resp: 167125
Ion Ratio Lower Upper
106 100
91 201.5 142.0 263.8



#54
o-Xylene
Concen: 1.905 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Tgt Ion:106 Resp: 38101
Ion Ratio Lower Upper
106 100
91 215.8 151.6 281.6

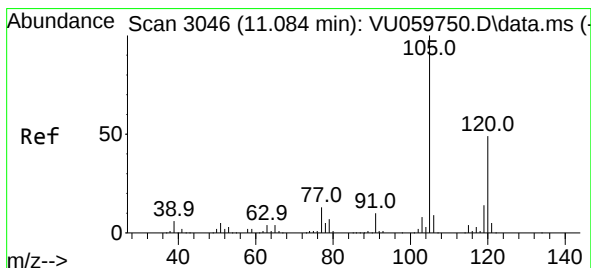
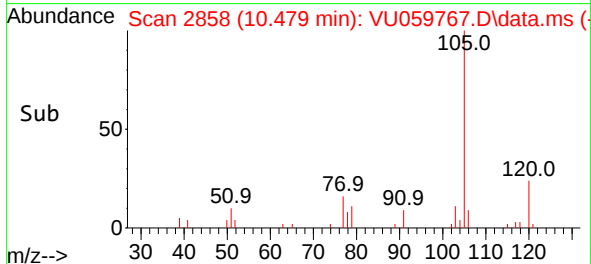
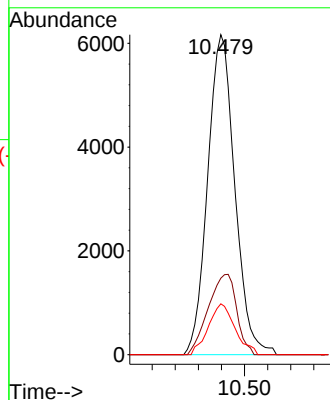
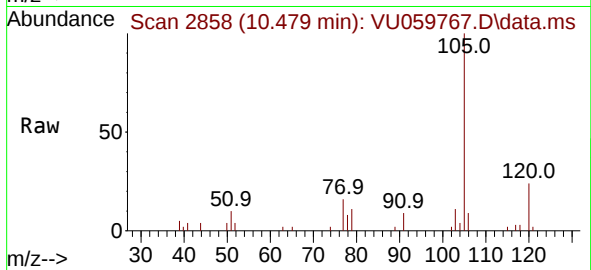




#60
Isopropylbenzene
Concen: 0.202 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

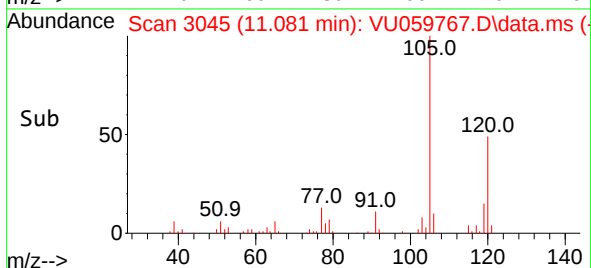
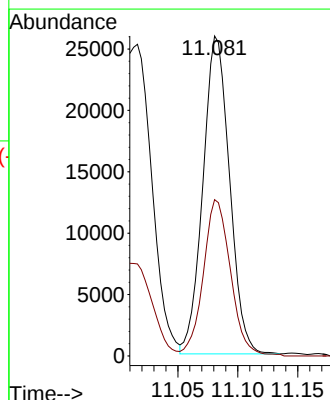
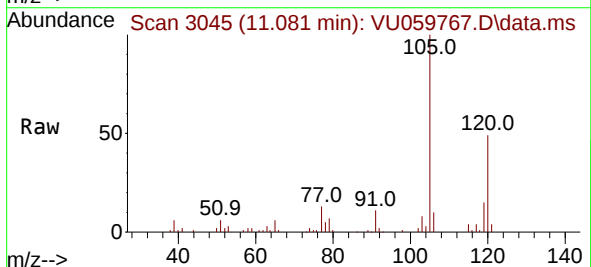
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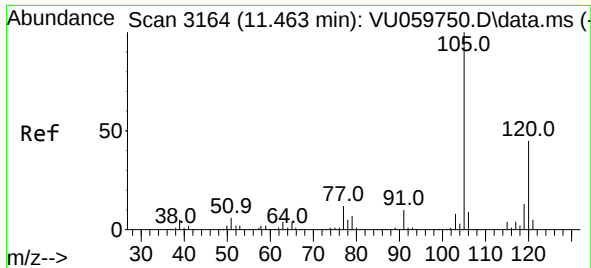
Tgt Ion:	105	Resp:	10064
Ion Ratio	Lower	Upper	
105	100		
120	26.2	20.6	31.0
77	15.6	12.8	19.2



#62
1,3,5-Trimethylbenzene
Concen: 1.011 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU059767.D
Acq: 03 Jul 2024 03:08

Tgt Ion:	105	Resp:	39967
Ion Ratio	Lower	Upper	
105	100		
120	50.4	38.2	57.4





#63
 1,2,4-Trimethylbenzene
 Concen: 3.511 ug/L
 RT: 11.463 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU059767.D
 Acq: 03 Jul 2024 03:08

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BG8DL

Tgt Ion:105 Resp: 132649
 Ion Ratio Lower Upper
 105 100
 120 45.7 35.4 53.0

